

Publications (Shoolini University)

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Total : 857

Title	Authors	Year	Scopus Source title	Volume	Issue	Pages	CiteScore
Novel development of nanoparticles to bimetallic nanoparticles and their composites: A review	Sharma, G., Kumar, A., Sharma, S., Naushad, M., Prakash Dwivedi, R., ALothman, Z.A., Mola, G.T.	2019	Journal of King Saud University - Science	31	2	257-269	3.21
Potential enzymatic targets in alzheimerâ€™s: A comprehensive review	Alam, J., Sharma, L.	2019	Current Drug Targets	20	3	316-339	2.27
Morphology-dependent performance of thin film organic solar cells	Arbab, E.A.A., Gebremichael, B., Kumar, A., Mola, G.T.	2019	Journal of Modern Optics	66	4	399-406	1.18
Carbon-Nanotube-Based Materials for Electrochemical Sensing of the Neurotransmitter Dopamine	Bala, K., Sharma, D., Gupta, N.	2019	ChemElectroChem	6	2	274-288	3.94
Experimental investigation of the performance of a novel solar dryer for drying medicinal plants in Western Himalayan region	Bhardwaj, A.K., Kumar, R., Chauhan, R.	2019	Solar Energy	-	-	395-407	4.89
Sequential fractionation by organic solvents enhances the antioxidant and antibacterial activity of ethanolic extracts of fruits and leaves of Terminalia bellerica from North Western Himalayas, India	Chandel, S.R., Kumar, V., Guleria, S., Sharma, N., Sourirajan, A., Khosla, P.K., Baumler, D.J., Dev, K.	2019	Pharmacognosy Journal	11	1	94-101	0.41
Antibacterial and in vitro growth inhibition study of struvite urinary stones using Oxalis corniculata linn. Leaf extract and its biofabricated silver nanoparticles	Das, P., Kumar, K., Nambiraj, A., Awasthi, R., Dua, K., Malipeddi, H.	2019	Recent Patents on Drug Delivery and Formulation	12	3	170-178	1.24
Development of new correlations for heat transfer and friction loss of solid ring with combined square wing twisted tape inserts heat exchanger tube	Datt, R., Bhist, M.S., Darshan Kotiyal, A., Maithani, R., Kumar, A.	2019	Experimental Heat Transfer	32	2	179-200	1.53
Some divalent metal(II) complexes of salicylaldehyde-derived Schiff bases: Synthesis, spectroscopic characterization, antimicrobial and in vitro anticancer studies	Devi, J., Yadav, M., Kumar, D., Naik, L.S., Jindal, D.K.	2019	Applied Organometallic Chemistry	33	2	-	2.84
Valorisation of Biomass Derived Furfural and Levulinic Acid by Highly Efficient Pd@ND Catalyst	Gupta, N., Dimitratos, N., Su, D., Villa, A.	2019	Energy Technology	7	2	269-276	2.83
Recent advances in biosensors for diagnosis of celiac disease: A review	Gupta, S., Kaushal, A., Kumar, A., Kumar, D.	2019	Biotechnology and Bioengineering	116	2	444-451	4.07
Improvements of thermophilic enzymes: From genetic modifications to applications	Han, H., Ling, Z., Khan, A., Virk, A.K., Kulshrestha, S., Li, X.	2019	Bioresource Technology	279	-	350-361	6.28
Metal Telluride Nanomaterials: Facile Synthesis, Properties and Applications for Third Generation Devices.	Jamwal, D., Mehta, S.K.	2019	ChemistrySelect	4	6	1943-1963	1.48
Analysis of Cd 2+ and In 3+ ions doping on microstructure, optical, magnetic and Mossbauer spectral properties of sol-gel synthesized BaM hexagonal ferrite based nanomaterials	Jasrotia, R., Pratap Singh, V., Kumar, R., Singha, K., Chandel, M., Singh, M.	2019	Results in Physics	12	-	1933-1941	2.01
A merged molecular docking, ADME-T and dynamics approaches towards the genus of Arisaema as herpes simplex virus type 1 and type 2 inhibitors	Kant, K., Lal, U.R., Kumar, A., Ghosh, M.	2019	Computational Biology and Chemistry	78	-	217-226	1.55

Highly visible active Ag ₂ CrO ₄ /Ag/BiFeO ₃ @RGO nano-junction for photoreduction of CO ₂ and photocatalytic removal of ciprofloxacin and bromate ions: The triggering effect of Ag and RGO	Kumar, A., Sharma, G., Naushad, M., Ahamad, T., Veses, R.C., Stadler, F.J.	2019	Chemical Engineering Journal	370	-	148-165	7.01
Visible photodegradation of ibuprofen and 2,4-D in simulated waste water using sustainable metal free-hybrids based on carbon nitride and biochar	Kumar, A., Sharma, G., Naushad, M., Al-Muhtaseb, A.H., Kumar, A., Hira, I., Ahamad, T., Ghfar, A.A., Stadler, F.J.	2019	Journal of Environmental Management	231	-	1164-1175	4.54
Wide spectral degradation of Norfloxacin by Ag@BiPO ₄ /BiOBr/BiFeO ₃ nano-assembly: Elucidating the photocatalytic mechanism under different light sources	Kumar, A., Sharma, S.K., Sharma, G., Al-Muhtaseb, A.H., Naushad, M., Ghfar, A.A., Stadler, F.J.	2019	Journal of Hazardous Materials	364	-	429-440	6.75
Pharmacokinetic evaluation of medicinally important synthetic N,N-dimethylmethane glucoside: Improved synthesis and metabolic stability	Magotra, A., Gour, A., Sharma, D.K., Dash, A.K., Singh, G., Mukherjee, D., Nandi, U.	2019	Bioorganic and Medicinal Chemistry Letters	29	8	1007-1011	2.53
Correlations development for Nusselt number and friction factor in a dimpled surface heat exchanger tube	Maithani, R., Kumar, A.	2019	Experimental Heat Transfer	-	-	-	1.53
Fire in pine grown regions of Himalayas depletes cultivable plant growth promoting beneficial microbes in the soil	Mittal, D., Shukla, R., Verma, S., Sagar, A., Verma, K.S., Pandey, A., Negi, Y.S., Saini, R.V., Saini, A.K.	2019	Applied Soil Ecology	-	-	-	3.34
Biological markers for the effects of yoga as a complementary and alternative medicine	Mohammad, A., Thakur, P., Kumar, R., Kaur, S., Saini, R.V., Saini, A.K.	2019	Journal of Complementary and Integrative Medicine	16	1	-	1.41
Exploring community resilience and early warning solution for flash floods, debris flow and landslides in conflict prone villages of Badakhshan, Afghanistan	Mohanty, A., Hussain, M., Mishra, M., Kattel, D.B., Pal, I.	2019	International Journal of Disaster Risk Reduction	33	-	May-15	2.35
Detoxification mechanism of organophosphorus pesticide via carboxylestrase pathway that triggers de novo TAG biosynthesis in oleaginous microalgae	Nanda, M., Kumar, V., Fatima, N., Pruthi, V., Verma, M., Chauhan, P.K., Vlaskin, M.S., Grigorenko, A.V.	2019	Aquatic Toxicology	-	-	49-55	4.18
Roylea cinerea (D.Don) Baillon: Ethnomedicinal uses, phytochemistry and pharmacology: A review	Pundir, S., Mahindroo, N.	2019	Journal of Ethnopharmacology	232	-	193-200	3.49
Ag ₃ PO ₄ modified phosphorus and sulphur co-doped graphitic carbon nitride as a direct Z-scheme photocatalyst for 2, 4-dimethyl phenol degradation	Raizada, P., Sudhaik, A., Singh, P., Shandilya, P., Gupta, V.K., Hosseini-Bandegharai, A., Agrawal, S.	2019	Journal of Photochemistry and Photobiology A: Chemistry	374	-	22-35	2.76
Fabrication of Ag ₃ VO ₄ decorated phosphorus and sulphur co-doped graphitic carbon nitride as a high-dispersed photocatalyst for phenol mineralization and E. coli disinfection	Raizada, P., Sudhaik, A., Singh, P., Shandilya, P., Saini, A.K., Gupta, V.K., Lim, J.-H., Jung, H., Hosseini-Bandegharai, A.	2019	Separation and Purification Technology	-	-	887-900	4.25
Targeted delivery of quercetin via pH-responsive zinc oxide nanoparticles for breast cancer therapy	Sadhukhan, P., Kundu, M., Chatterjee, S., Ghosh, N., Manna, P., Das, J., Sil, P.C.	2019	Materials Science and Engineering C	100	-	129-140	5.02
Microwave induced synthesis of ZnO nanorods and their efficacy as a drug carrier with profound anticancer and antibacterial properties	Sadhukhan, P., Kundu, M., Rana, S., Kumar, R., Das, J., Sil, P.C.	2019	Toxicology Reports	6	-	176-185	1.7
A novel route for preparation of chemically activated carbon from pistachio wood for highly efficient Pb(II) sorption	Sajjadi, S.-A., Meknati, A., Lima, E.C., Dotto, G.L., Mendoza-Castillo, D.I., Anastopoulos, I., Alakhras, F., Unuabonah, E.I., Singh, P., Hosseini-Bandegharai, A.	2019	Journal of Environmental Management	236	-	34-44	4.54

GdVO ₄ modified fluorine doped graphene nanosheets as dispersed photocatalyst for mitigation of phenolic compounds in aqueous environment and bacterial disinfection	Shandilya, P., Mittal, D., Sudhaik, A., Soni, M., Raizada, P., Saini, A.K., Singh, P.	2019	Separation and Purification Technology	210	-	804-816	4.25
Adsorptive removal of congo red dye (CR) from aqueous solution by <i>Cornulaca monacantha</i> stem and biomass-based activated carbon: isotherm, kinetics and thermodynamics	Sharma, A., Siddiqui, Z.M., Dhar, S., Mehta, P., Pathania, D.	2019	Separation Science and Technology (Philadelphia)	54	6	916-929	1.27
Performance comparison of DCF and FBG as dispersion compensation techniques at 100 Gbps over 120 km using SMF	Sharma, A., Singh, I., Bhattacharya, S., Sharma, S.	2019	Lecture Notes in Electrical Engineering	511	-	435-449	0.2
Algal biochar reinforced trimetallic nanocomposite as adsorptional/photocatalyst for remediation of malachite green from aqueous medium	Sharma, G., Bhogal, S., Gupta, V.K., Agarwal, S., Kumar, A., Pathania, D., Mola, G.T., Stadler, F.J.	2019	Journal of Molecular Liquids	275	-	499-509	4.26
Fabrication and characterization of novel Fe ₀ @Guar gum-crosslinked-soya lecithin nanocomposite hydrogel for photocatalytic degradation of methyl violet dye	Sharma, G., Kumar, A., Sharma, S., Al-Muhtaseb, A.H., Naushad, M., Ghfar, A.A., Ahamad, T., Stadler, F.J.	2019	Separation and Purification Technology	-	-	895-908	4.25
Fabrication of oxidized graphite supported La ₂ O ₃ /ZrO ₂ nanocomposite for the photoremediation of toxic fast green dye	Sharma, G., Kumar, A., Sharma, S., Al-Saeedi, S.I., Al-Senani, G.M., Nafady, A., Ahamad, T., Naushad, M., Stadler, F.J.	2019	Journal of Molecular Liquids	277	-	738-748	4.26
Draft Genome Sequence of Hyperthermophilic, Halotolerant <i>Parageobacillus toebii</i> PW12, Isolated from the Tattapani Hot Spring, Northwest Himalayas	Sharma, P., Gupta, S., Sourirajan, A., Baumler, D.J., Dev, K.	2019	Microbiology Resource Announcements	8	4	-	-
Photocatalytic performance and quick recovery of BiOI/Fe ₃ O ₄ @graphene oxide ternary photocatalyst for photodegradation of 2,4-dinitrophenol under visible light	Singh, P., Sudhaik, A., Raizada, P., Shandilya, P., Sharma, R., Hosseini-Bandegharai, A.	2019	Materials Today Chemistry	12	-	85-95	1.4
TiO ₂ /H ₂ O nanofluid flow and heat transfer analysis in V-pattern with combined protrusion obstacle square channel: experimental analysis and CFD validation	Singh, Y., Kumar, A., Maithani, R., Verma, N.	2019	International Journal of Ambient Energy	-	-	-	0.83
Preparation and Characterization of Gum Acacia/Ce(IV)MoPO ₄ Nanocomposite Ion Exchanger for Photocatalytic Degradation of Methyl Violet Dye	Sirajuddin, , Gupta, V., Sharma, G., Kumar, A., Stadler, F.J., Inamuddin,	2019	Journal of Inorganic and Organometallic Polymers and Materials	-	-	-	1.53
Search for the Higgs Boson Decaying to Two Muons in Proton-Proton Collisions at $\sqrt{s}=13$ TeV	Sirunyan, A.M et al.	2019	Physical Review Letters	122	2	-	7.58
Search for heavy resonances decaying into two Higgs bosons or into a Higgs boson and a W or Z boson in proton-proton collisions at 13 TeV	Sirunyan, A.M et al.	2019	Journal of High Energy Physics	2019	1	-	4.24
Search for heavy Majorana neutrinos in same-sign dilepton channels in proton-proton collisions at $\sqrt{s}=13$ TeV	Sirunyan, A.M et al.	2019	Journal of High Energy Physics	2019	1	-	4.24
Search for Dark Matter Particles Produced in Association with a Top Quark Pair at $\sqrt{s}=13$ TeV	Sirunyan, A.M et al.	2019	Physical Review Letters	122	1	-	7.58

Search for $t\bar{t} \hat{A}^- H$ production in the $H \hat{A}^+ b \bar{b} \hat{A}^-$ decay channel with leptonic $t\bar{t} \hat{A}^-$ decays in proton-proton collisions at $\hat{s}=13$ TeV	Sirunyan, A.M et al.	2019	Journal of High Energy Physics	2019	3	-	4.24
Search for production of Higgs boson pairs in the four b quark final state using large-area jets in proton-proton collisions at $\hat{s}=13$ TeV	Sirunyan, A.M et al.	2019	Journal of High Energy Physics	2019	1	-	4.24
Measurement of inclusive and differential Higgs boson production cross sections in the diphoton decay channel in proton-proton collisions at $\hat{s}=13$ TeV	Sirunyan, A.M et al.	2019	Journal of High Energy Physics	2019	1	-	4.24
Search for supersymmetry in events with a photon, a lepton, and missing transverse momentum in proton-proton collisions at $\hat{s}=13$ TeV	Sirunyan, A.M et al.	2019	Journal of High Energy Physics	2019	1	-	4.24
Search for pair-produced three-jet resonances in proton-proton collisions at $s=13$ TeV	Sirunyan, A.M et al.	2019	Physical Review D	99	1	-	3.52
Search for low-mass resonances decaying into bottom quark-antiquark pairs in proton-proton collisions at $s=13$ TeV	Sirunyan, A.M et al.	2019	Physical Review D	99	1	-	3.52
Search for new physics in final states with a single photon and missing transverse momentum in proton-proton collisions at $\hat{s}=13$ TeV	Sirunyan, A.M et al.	2019	Journal of High Energy Physics	2019	2	-	4.24
Measurements of $t\bar{t} \hat{A}^-$ differential cross sections in proton-proton collisions at $\hat{s}=13$ TeV using events containing two leptons	Sirunyan, A.M et al.	2019	Journal of High Energy Physics	2019	2	-	4.24
Search for new particles decaying to a jet and an emerging jet	Sirunyan, A.M et al.	2019	Journal of High Energy Physics	2019	2	-	4.24
Search for narrow $H\hat{I}^3$ resonances in proton-proton collisions at $s=13$ TeV	Sirunyan, A.M et al.	2019	Physical Review Letters	122	8	-	7.58
Search for long-lived particles decaying into displaced jets in proton-proton collisions at $s=13$ TeV	Sirunyan, A.M et al.	2019	Physical Review D	99	3	-	3.52
Search for pair production of second-generation leptoquarks at $s=13$ TeV	Sirunyan, A.M et al.	2019	Physical Review D	99	3	-	3.52
Inclusive search for supersymmetry in pp collisions at $\hat{s}=13$ TeV using razor variables and boosted object identification in zero and one lepton final states	Sirunyan, A.M et al.	2019	Journal of High Energy Physics	2019	3	-	4.24
Search for top quark partners with charge 5/3 in the same-sign dilepton and single-lepton final states in proton-proton collisions at $\hat{s}=13$ TeV	Sirunyan, A.M et al.	2019	Journal of High Energy Physics	2019	3	-	4.24
Search for a $W\hat{C}^2$ boson decaying to a vector-like quark and a top or bottom quark in the all-jets final state	Sirunyan, A.M et al.	2019	Journal of High Energy Physics	2019	3	-	4.24
Search for the pair production of light top squarks in the $e \hat{A}^\pm \hat{I}^{1/4} \hat{A}^{\pm\pm}$ final state in proton-proton collisions at $\hat{s}=13$ TeV	Sirunyan, A.M et al.	2019	Journal of High Energy Physics	2019	3	-	4.24
Search for dark matter produced in association with a single top quark or a top quark pair in proton-proton collisions at $\hat{s}=13$ TeV	Sirunyan, A.M et al.	2019	Journal of High Energy Physics	2019	3	-	4.24
Improving production of plant secondary metabolites through biotic and abiotic elicitation	Thakur, M., Bhattacharya, S., Khosla, P.K., Puri, S.	2019	Journal of Applied Research on Medicinal and Aromatic Plants	12	-	1-Dec	1.8

Progress in pectin based hydrogels for water purification: Trends and challenges	Thakur, S., Chaudhary, J., Kumar, V., Thakur, V.K.	2019	Journal of Environmental Management	238	-	210-223	4.54
Preparation of pH-sensitive hydrogels by graft polymerization of itaconic acid on tragacanth gum	Verma, C., Negi, P., Pathania, D., Sethi, V., Gupta, B.	2019	Polymer International	68	3	344-350	2.2
Development and efficacy analysis of a Moringa oleifera based potable water purification kit	Virk, A.K., Kumari, C., Tripathi, A., Kakade, A., Li, X., Kulshrestha, S.	2019	Journal of Water Process Engineering	27	-	37-46	4
LPS perception through taste-induced reflex in Drosophila melanogaster	Yanagawa, A., Couto, A., Sandoz, J.-C., Hata, T., Mitra, A., Ali Agha, M., Marion-Poll, F.	2019	Journal of Insect Physiology	112	-	39-47	2.68
Matrix-assisted laser desorption ionization–time of flight mass spectrometry for identification of bacteria isolated from pharmaceutical clean rooms	Andrade, L.D.O., Awasthi, R., Dua, K., Andreoli Pinto, T.D.J.	2018	Interventional Medicine and Applied Science	10	1	45-53	0.61
Restriction enzyme-mediated insertional mutagenesis: an efficient method of Rosellinia necatrix transformation	Attri, C., Swati, , Kulshrestha, S.	2018	Archives of Microbiology	200	1	189-194	1.74
Poly(vinylpyrrolidone)	Awasthi, R., Manchanda, S., Das, P., Velu, V., Malipeddi, H., Pabreja, K., Pinto, T.D.J.A., Gupta, G., Dua, K.	2018	Engineering of Biomaterials for Drug Delivery Systems: Beyond Polyethylene Glycol	-	-	255-272	-
Nanoparticles in cancer treatment: Opportunities and obstacles	Awasthi, R., Roseblade, A., Hansbro, P.M., Rathbone, M.J., Dua, K., Bebawy, M.	2018	Current Drug Targets	19	14	1696-1709	2.27
Copper and cobalt nanoparticles embedded in naturally derived graphite electrodes for the sensing of the neurotransmitter epinephrine	Bala, K., Suriyaprakash, J., Singh, P., Chauhan, K., Villa, A., Gupta, N.	2018	New Journal of Chemistry	42	9	6604-6608	3.24
Technological and functional aspects of yoghurt cheese	Bhandari, L., Chawla, P., Dhull, S.B., Sadh, P.K., Kaushik, R.	2018	Advances in Animal Biotechnology and its Applications	-	-	259-267	-
Purification and characterization of thermostable superoxide dismutase from Anoxybacillus gonensis KA 55 MTCC 12684	Bhatia, K., Mal, G., Bhar, R., Jyoti, , Attri, C., Seth, A.	2018	International Journal of Biological Macromolecules	117	-	1133-1139	4.11
16S rRNA gene amplicon data set-based bacterial diversity in a water-soil sample from pangong tso lake, a high-altitude grassland lake of the northwest himalayas	Bisht, G., Sourirajan, A., Baumler, D.J., Dev, K.	2018	Microbiology Resource Announcements	7	17	-	-
Performance Survey and Comparison Between Rapid Sterility Testing Method and Pharmacopoeia Sterility Test	Bugno, A., Saes, D.P.S., Almodovar, A.A.B., Dua, K., Awasthi, R., Ghisleni, D.D.M., Hirota, M.T., de Oliveira, W.A., de Jesus Andreoli Pinto, T.	2018	Journal of Pharmaceutical Innovation	13	1	27-35	1.83
Natural antioxidants as defense system against cancer	Chahal, A., Saini, A.K., Chhillar, A.K., Saini, R.V.	2018	Asian Journal of Pharmaceutical and Clinical Research	11	5	38-44	0.49
Effect of non-magnetic Al 3+ doping on structural, optical, electrical, dielectric and magnetic properties of BiFeO 3 ceramics	Chandel, S., Thakur, P., Thakur, S.S., Kanwar, V., Tomar, M., Gupta, V., Thakur, A.	2018	Ceramics International	44	5	4711-4718	2.85
Investigation of excess and deficiency of iron in BiFeO 3	Chandel, S., Thakur, P., Thakur, S.S., Sharma, A., Hsu, J.-H., Tomar, M., Gupta, V., Thakur, A.	2018	Materials Chemistry and Physics	204	-	207-215	2.18
Heat transfer augmentation in solar thermal collectors using impinging air jets: A comprehensive review	Chauhan, R., Singh, T., Thakur, N.S., Kumar, N., Kumar, R., Kumar, A.	2018	Renewable and Sustainable Energy Reviews	82	-	3179-3190	10.54

Exergy based modeling and optimization of solar thermal collector provided with impinging air jets	Chauhan, R., Thakur, N.S., Singh, T., Sethi, M.	2018	Journal of King Saud University - Engineering Sciences	30	4	355-362	2.48
In-vitro osteoblast proliferation and in-vivo anti-osteoporotic activity of Bombax ceiba with quantification of Lupeol, gallic acid and β -sitosterol by HPTLC and HPLC	Chauhan, S., Sharma, A., Upadhyay, N.K., Singh, G., Lal, U.R., Goyal, R.	2018	BMC Complementary and Alternative Medicine	18	1	-	2.59
Organophosphorus pesticides residues in food and their colorimetric detection	Chawla, P., Kaushik, R., Shiva Swaraj, V.J., Kumar, N.	2018	Environmental Nanotechnology, Monitoring and Management	10	-	292-307	4
Gene therapy and type 1 diabetes mellitus	Chellappan, D.K., Sivam, N.S., Teoh, K.X., Leong, W.P., Fui, T.Z., Chooi, K., Khoo, N., Yi, F.J., Chellian, J., Cheng, L.L., Dahiya, R., Gupta, G., Singhvi, G., Nammi, S., Hansbro, P.M., Dua, K.	2018	Biomedicine and Pharmacotherapy	108	-	1188-1200	3.39
Effect of square wing with combined solid ring twisted tape inserts on heat transfer and fluid flow of a circular tube heat exchanger	Datt, R., Bhist, M.S., Kothiyal, A.D., Maithani, R., Kumar, A.	2018	International Journal of Green Energy	15	12	663-680	1.34
Evaluating the Potential, Applicability, and Effectiveness of Ozone Sterilization Process for Medical Devices	de Souza Botelho-Almeida, T., Lourenço, F.R., Kikuchi, I.S., Awasthi, R., Dua, K., Andreoli Pinto, T.J.	2018	Journal of Pharmaceutical Innovation	13	2	87-94	1.83
Current updates on biological and pharmacological activities of doxy cycline	Devi, B., Kumar, Y., Shrivastav, B., Sharma, G.N., Gupta, G., Dua, K.	2018	Panminerva Medica	60	1	36-39	1.48
Corrigendum to: Possible modulation of PPAR- β cascade against depression caused by neuropathic pain in rats (Journal of Basic and Clinical Physiology and Pharmacology (2017) 28:6 (593-600) DOI: 10.1515/jbcpp-2016-0108)	Garg, S., Prasoon, P., Vishwajit Ravindra, V.R., Goyal, G.	2018	Journal of Basic and Clinical Physiology and Pharmacology	29	2	225-	1.28
A new hemicellulose-based adsorbent for malachite green	Gautam, D., Kumari, S., Ram, B., Chauhan, G.S., Chauhan, K.	2018	Journal of Environmental Chemical Engineering	6	4	3889-3897	4.01
Effect of fermentation on chemical changes in Vitis vinifera fruits used in alcoholic ayurvedic formulation	Gill, G.K., Singh, A., Lal, U.R., Kaur, H., Mehta, M., Satija, S., Mahajan, S.	2018	International Journal of Green Pharmacy	12	2	29-34	0.32
A clinical update on metformin and lung cancer in diabetic patients	Gupta, G., De Jesus Andreoli Pinto, T., Chellappan, D.K., Mishra, A., Malipeddi, H., Dua, K.	2018	Panminerva Medica	60	2	70-75	1.48
Aphrodisiac activity of an aqueous extract of wood ear mushroom, auricularia polytricha (Heterobasidiomycetes), in male rats	Gupta, G., Sharma, R.K., Dahiya, R., Mishra, A., Tiwari, J., Sharma, G.N., Sharma, S., Dua, K.	2018	International Journal of Medicinal Mushrooms	20	1	81-88	1.38
Recent updates on neuropharmacological effects of luteolin	Gupta, G., Tiwari, J., Dahiya, R., Sharma, R.K., Mishra, A., Dua, K.	2018	EXCLI Journal	17	-	211-214	2.17
Carbocatalysing the preparation of N-Rich heterocycles with an unprecedented mechanism	Gupta, N., Khavryuchenko, O., Wen, G., Wu, K.-H., Su, D.	2018	Carbon	130	-	714-723	6.76
Antioxidant activity and controlled drug delivery potential of tragacanth gum-cl- poly (lactic acid-co-itaconic acid) hydrogel	Gupta, V.K., Sood, S., Agarwal, S., Saini, A.K., Pathania, D.	2018	International Journal of Biological Macromolecules	107	-	2534-2543	4.11
Pectin-guar gum-zinc oxide nanocomposite enhances human lymphocytes cytotoxicity towards lung and breast carcinomas	Hira, I., Kumar, A., Kumari, R., Saini, A.K., Saini, R.V.	2018	Materials Science and Engineering C	90	-	494-503	5.02

Inspection and remedy of cervical cancer using nanoparticles	Hira, I., Saini, R.V., Kumari, R., Kandwal, P., Raj, U.L.	2018	Nanoscience and Nanotechnology - Asia	8	2	186-192	0.4
Plant growth regulator mediated consequences of secondary metabolites in medicinal plants	Jamwal, K., Bhattacharya, S., Puri, S.	2018	Journal of Applied Research on Medicinal and Aromatic Plants	9	-	26-38	1.8
Development, optimization and evaluation of nanoparticle gel formulation using lemon grass oil	Jena, A.K., Beg, S., Abbhi, V., Chowdary, K.A.	2018	Nanoscience and Nanotechnology - Asia	8	2	216-228	0.4
Impact of heavy metals and nanoparticles on aquatic biota	Kahlon, S.K., Sharma, G., Julka, J.M., Kumar, A., Sharma, S., Stadler, F.J.	2018	Environmental Chemistry Letters	16	3	919-946	3.85
Development and optimization of in-situ forming microparticles for long term controlled delivery of deslorelin acetate	Kapoor, D.N., Katare, O.P., Kaurav, H., Dhawan, S.	2018	Journal of Applied Pharmaceutical Science	8	1	059-072	0.69
Expression, regulation and targeting of receptor tyrosine kinases in esophageal squamous cell carcinoma	Kashyap, M.K., Abdel-Rahman, O.	2018	Molecular Cancer	17	1	-	7.2
Development and optimization of nanoemulsion gel for topical delivery of imiquimod	Kaur, G., Kaur, T., Kapoor, D.N.	2018	Journal of Chinese Pharmaceutical Sciences	27	1	31-39	0.27
Development and evaluation of sea buckthorn (hippophae rhamnoides l.) seed oil nanoemulsion gel for wound healing	Kaur, T., Kapoor, D.N.	2018	Pharmacognosy Magazine	14	58	647-658	1.87
Effect of premilling treatments on wheat gluten extraction and noodle quality	Kaushik, R., Chawla, P., Kumar, N., Janghu, S., Lohan, A.	2018	Food Science and Technology International	24	7	627-636	1.3
Medicinal plants as alternative treatments for oral health problems	Khan, I., Khan, A.	2018	Asian Journal of Pharmaceutical and Clinical Research	11	9	58-64	0.49
Efficiency evaluation and comparison of different turbulator shapes in solar water heating collector system	Khargotra, R., Dhingra, S., Chauhan, R., Batra, D., Bhardwaj, M.	2018	International Journal of Mechanical and Production Engineering Research and Development	8	1	697-702	0.17
Performance investigation and comparison of different turbulator shapes in solar water heating collector system	Khargotra, R., Dhingra, S., Chauhan, R., Singh, T.	2018	AIP Conference Proceedings	1953	-	-	0.26
Polar-antipolar transition and weak ferromagnetism in Mn-doped Bi _{0.86} La _{0.14} FeO ₃	Khomchenko, V.A., Karpinsky, D.V., Troyanchuk, I.O., Sikolenko, V.V., TÅbbens, D.M., Ivanov, M.S., Silibin, M.V., Rai, R., PaixÃo, J.A.	2018	Journal of Physics D: Applied Physics	51	16	-	2.38
Radical polymerization approach for ring opened oxanorbornene anhydride based macromonomers	Kollarigowda, R.H., Thakur, P.	2018	Designed Monomers and Polymers	21	1	1-Aug	1.29
Larvicidal activity of methanol and chloroform extract of swertia celiata against three mosquito vectors	Kumar, A., Jaiswal, V., Gupta, A., Verma, G.	2018	Journal of Communicable Diseases	50	2	17-24	0.21
Functional redundancy in Echinocandin B in-cluster transcription factor ecdB of Emericella rugulosa NRRL 11440	Kumar, A., Jaiswal, V., Kumar, V., Dey, A., Kumar, A.	2018	Biotechnology Reports	19	-	-	3.26
Biochar-templated g-C ₃ N ₄ /Bi ₂ O ₂ CO ₃ /CoFe ₂ O ₄ nano-assembly for visible and solar assisted photo-degradation of paraquat, nitrophenol reduction and CO ₂ conversion	Kumar, A., Kumar, A., Sharma, G., Al-Muhtaseb, A.H., Naushad, M., Ghfar, A.A., Guo, C., Stadler, F.J.	2018	Chemical Engineering Journal	339	-	393-410	7.01
Quaternary magnetic BiOCl/g-C ₃ N ₄ /Cu ₂ O/Fe ₃ O ₄ nano-junction for visible light and solar powered degradation of sulfamethoxazole from aqueous environment	Kumar, A., Kumar, A., Sharma, G., Al-Muhtaseb, A.H., Naushad, M., Ghfar, A.A., Stadler, F.J.	2018	Chemical Engineering Journal	334	-	462-478	7.01

Utilizing recycled LiFePO ₄ from batteries in combination with B@C ₃ N ₄ and CuFe ₂ O ₄ as sustainable nano-junctions for high performance degradation of atenolol	Kumar, A., Kumari, A., Sharma, G., Naushad, M., Ahamad, T., Stadler, F.J.	2018	Chemosphere	209	-	457-469	4.62
High-Performance Photocatalytic Hydrogen Production and Degradation of Levofloxacin by Wide Spectrum-Responsive Ag/Fe ₃ O ₄ Bridged SrTiO ₃ /g-C ₃ N ₄ Plasmonic Nanojunctions: Joint Effect of Ag and Fe ₃ O ₄	Kumar, A., Rana, A., Sharma, G., Naushad, M., Al-Muhtaseb, A.H., Guo, C., Iglesias-Juez, A., Stadler, F.J.	2018	ACS Applied Materials and Interfaces	10	47	40474-40490	8.15
Aerogels and metal-organic frameworks for environmental remediation and energy production	Kumar, A., Rana, A., Sharma, G., Sharma, S., Naushad, M., Mola, G.T., Dhiman, P., Stadler, F.J.	2018	Environmental Chemistry Letters	16	3	797-820	3.85
Neuroprotective role of ascorbic acid: Antioxidant and non-antioxidant functions	Kumar, A., Saini, R.V., Saini, A.K.	2018	Asian Journal of Pharmaceutical and Clinical Research	11	10	30-33	0.49
Carbon nitride, metal nitrides, phosphides, chalcogenides, perovskites and carbides nanophotocatalysts for environmental applications	Kumar, A., Thakur, P.R., Sharma, G., Naushad, M., Rana, A., Mola, G.T., Stadler, F.J.	2018	Environmental Chemistry Letters	-	-	-	3.85
Dysregulated expression and subcellular localization of base excision repair (BER) pathway enzymes in gallbladder cancer	Kumar, M., Shukla, V.K., Misra, P.K., Raman, M.J.	2018	International Journal of Molecular and Cellular Medicine	7	2	119-132	0.8
A comparative study of hydrodynamic and thermal performance of different air jets impingement solar air collector	Kumar, N., Kumar, A., Thakur, R., Thakur, A., Kumar, R.	2018	JP Journal of Heat and Mass Transfer	15	4	829-845	0.29
Experimental investigation on overall thermal performance of fluid-flow in a rectangular channel with discrete V-pattern baffle	Kumar, R., Chauhan, R., Sethi, M., Kumar, A.	2018	Thermal Science	22	1	183-191	1.13
Comparative study of effect of various blockage arrangements on thermal hydraulic performance in a roughened air passage	Kumar, R., Kumar, A., Chauhan, R., Maithani, R.	2018	Renewable and Sustainable Energy Reviews	81	-	447-463	10.54
Empirical model for the estimation of global solar radiation for Indian locations	Kumar, R., Verma, R., Aggarwal, R.K.	2018	International Journal of Ambient Energy	-	-	-	0.83
Effect of Ratio of Protrusion Height to Print Diameter on Thermal Behaviour of Al ₂ O ₃ -H ₂ O Nanofluid Flow in a Protrusion Obstacle Square Channel	Kumar, S., Kothiyal, A.D., Bisht, M.S., Kumar, A.	2018	Advances in Intelligent Systems and Computing	624	-	277-287	0.4
A review of flow and heat transfer behaviour of nanofluids in micro channel heat sinks	Kumar, S., Kumar, A., Darshan Kothiyal, A., Singh Bisht, M.	2018	Thermal Science and Engineering Progress	8	-	477-493	-
Structural, optical and photoluminescence properties of K _{0.5} Na _{0.5} NbO ₃ ceramics synthesized by sol-gel reaction method	Kumar, S., Shandilya, M., Thakur, S., Thakur, N.	2018	Journal of Sol-Gel Science and Technology	88	3	646-653	1.7
The effects of ultraviolet radiation on growth, biomass, lipid accumulation and biodiesel properties of microalgae	Kumar, V., Nanda, M., Kumar, S., Chauhan, P.K.	2018	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	40	7	787-793	0.63
Comparative evaluation of antimicrobial and antioxidant potential of ethanolic extract and its fractions of bark and leaves of Terminalia arjuna from north-western Himalayas, India	Kumar, V., Sharma, N., Sourirajan, A., Khosla, P.K., Dev, K.	2018	Journal of Traditional and Complementary Medicine	8	1	100-106	2.65

Benzothiazole-Based-Bioconjugates with Improved Antimicrobial, Anticancer and Antioxidant Potential	Kumari, B., Chauhan, K., Trivedi, J., Jaiswal, V., Kanwar, S.S., Pokharel, Y.R.	2018	ChemistrySelect	3	40	11326-11332	1.48
Production, purification and efficacy of bacteriocin isolated from natural lactic acid fermentation of wild himalayan fig fruit	Kumari, K., Sharma, S., Kaundal, K.	2018	Journal of Pure and Applied Microbiology	12	2	879-885	0.14
Study of structural and magnetoelectric properties of $1-x(\text{Ba}_{0.96}\text{Ca}_{0.04}\text{TiO}_3)_x(\text{ZnFe}_2\text{O}_4)$ ceramic composites	Lal, M., Shandilya, M., Kumar, A.S., Rai, R., Nair, S.S., Palai, R.	2018	Journal of Materials Science: Materials in Electronics	29	1	80-85	2.16
Study of structural, electrical and magnetic properties of $1-x(\text{Ba}_{0.96}\text{Ca}_{0.04}\text{TiO}_3)_x(\text{BiFeO}_3)$ ceramics composites	Lal, M., Shandilya, M., Rai, R., Ranjan, A., Sharma, S., Valente, M.A.	2018	Journal of Materials Science: Materials in Electronics	29	16	13984-14002	2.16
Translational initiation factor eIF5 replaces eIF1 on the 40S ribosomal subunit to promote start-codon recognition	Liñcer, J.L., Hussain, T., Saini, A.K., Nanda, J.S., Kaur, S., Gordiyenko, Y., Kumar, R., Hinnebusch, A.G., Lorsch, J.R., Ramakrishnan, V.	2018	eLife	7	-	-	6.88
Formulation and Evaluation of Niosomal in situ Nasal Gel of a Serotonin Receptor Agonist, Buspirone Hydrochloride for the Brain Delivery via Intranasal Route	Mathure, D., Madan, J.R., Gujar, K.N., Tupsamundre, A., Ranpise, H.A., Dua, K.	2018	Pharmaceutical nanotechnology	6	1	69-78	0.45
Optimization of multiple arcs protrusion obstacle parameters using AHP-TOPSIS approach in an impingement jet solar air passage	Mishra, P.K., Nadda, R., Kumar, R., Rana, A., Sethi, M., Ekileski, A.	2018	Heat and Mass Transfer/Waerme- und Stoffuebertragung	54	12	3797-3808	1.34
Efficiency improvement of solar photovoltaic/solar air collectors by using impingement jets: A review	Nadda, R., Kumar, A., Maithani, R.	2018	Renewable and Sustainable Energy Reviews	93	-	331-353	10.54
Investigation of thermal and hydrodynamic performance of impingement jets solar air passage with protrusion with combination arc obstacle on the heated plate	Nadda, R., Kumar, A., Maithani, R., Kumar, R.	2018	Experimental Heat Transfer	31	3	232-250	1.53
Optimization of single arc protrusion ribs parameters in solar air heater with impinging air jets based upon PSI approach	Nadda, R., Kumar, R., Kumar, A., Maithani, R.	2018	Thermal Science and Engineering Progress	7	-	146-154	-
Experimental investigation and optimization of cobalt bonded tungsten carbide composite by hybrid AHP-TOPSIS approach	Nadda, R., Kumar, R., Singh, T., Chauhan, R., Patnaik, A., Gangil, B.	2018	Alexandria Engineering Journal	57	4	3419-3428	3.08
Efficient removal of toxic phosphate anions from aqueous environment using pectin based quaternary amino anion exchanger	Naushad, M., Sharma, G., Kumar, A., Sharma, S., Ghfar, A.A., Bhatnagar, A., Stadler, F.J., Khan, M.R.	2018	International Journal of Biological Macromolecules	106	-	1-Oct	4.11
Thymoquinone a potential therapeutic molecule from the plant Nigella sativa: Role of colloidal carriers in its effective delivery	Negi, P., Rathore, C., Sharma, G., Singh, B., Katare, O.P.	2018	Recent Patents on Drug Delivery and Formulation	12	1	Mar-22	1.24
Therapeutic applications of polymeric hydrogels	Negi, P., Verma, C., Kumari, S.	2018	Advances in Polymers for Biomedical Applications	-	-	331-350	-
ZnO:CNT assisted charge transport in PTB7:PCBM blend organic solar cell	Oseni, S.O., Kaviyarasu, K., Maaza, M., Sharma, G., Pellicane, G., Mola, G.T.	2018	Journal of Alloys and Compounds	748	-	216-222	3.66

Investigation of structural, optical, magnetic and electrical properties of tungsten doped Ni ²⁺ /Zn nanoferrites	Pathania, A., Bhardwaj, S., Thakur, S.S., Mattei, J.-L., Queffelec, P., Panina, L.V., Thakur, P., Thakur, A.	2018	Physica B: Condensed Matter	531	-	45-50	1.45
Zirconium (IV) phosphate/poly(gelatin-cl-alginate) nanocomposite as ion exchanger and Al ³⁺ potentiometric sensor	Pathania, D., Agarwal, S., Gupta, V.K., Thakur, M., Alharbi, N.S.	2018	International Journal of Electrochemical Science	13	1	994-1012	1.54
Ceramic materials: General introduction, properties, and fabrication methods	Pathania, D., Katwal, R., Thakur, P.	2018	Smart Ceramics: Preparation, Properties, and Applications	-	-	33-72	-
Fabrication of electrically conductive membrane electrode of gelatin-tin (IV) phosphate nanocomposite for the detection of cobalt (II) ions	Pathania, D., Thakur, M., Puri, V., Jasrotia, S.	2018	Advanced Powder Technology	29	4	915-924	2.94
Tin (IV) phosphate/poly(gelatin-cl-alginate) nanocomposite: Photocatalysis and fabrication of potentiometric sensor for Pb (II)	Pathania, D., Thakur, M., Sharma, G., Mishra, A.K.	2018	Materials Today Communications	14	-	282-293	1.86
Novel nanohydrogel based on itaconic acid grafted tragacanth gum for controlled release of ampicillin	Pathania, D., Verma, C., Negi, P., Tyagi, I., Asif, M., Kumar, N.S., Al-Ghurabi, E.H., Agarwal, S., Gupta, V.K.	2018	Carbohydrate Polymers	196	-	262-271	5.58
Essential oil nanoemulsions and their antimicrobial and food applications	Pathania, R., Khan, H., Kaushik, R., Khan, M.A.	2018	Current Research in Nutrition and Food Science	6	3	626-643	0.28
Solid state fermentation of BSG for citric acid production	Pathania, S., Sharma, S., Kumari, K.	2018	Indian Journal of Natural Products and Resources	9	1	70-74	0.6
Visible light assisted photodegradation of 2,4-dinitrophenol using Ag ₂ CO ₃ loaded phosphorus and sulphur co-doped graphitic carbon nitride nanosheets in simulated wastewater	Raizada, P., Sudhaik, A., Singh, P., Shandilya, P., Thakur, P., Jung, H.	2018	Arabian Journal of Chemistry	-	-	-	2.39
Spherical nanocellulose-based highly efficient and rapid multifunctional naked-eye Cr(VI) ion chemosensor and adsorbent with mild antimicrobial properties	Ram, B., Chauhan, G.S., Mehta, A., Gupta, R., Chauhan, K.	2018	Chemical Engineering Journal	349	-	146-155	7.01
Physicochemical and electrochemical properties of zinc fortified milk	Rana, B., Kaushik, R., Kaushal, K., Arora, S., Kaushal, A., Gupta, S., Upadhyay, N., Rani, P., Kaushik, P.	2018	Food Bioscience	21	-	117-124	2.6
Skin Targeting of Oxiconazole Nitrate Loaded Nanostructured Lipid- Carrier Gel for Fungal Infections	Ranpise, H.A., Gujar, K.N., Mathure, D., Satpute, P.P., Awasthi, R., Dua, K., Madan, J.R.	2018	Pharmaceutical nanotechnology	6	3	192-200	0.45
Dynamic mechanical analysis of waste tyre rubber filled brake friction composite materials	Rathi, M.K., Singh, T., Chauhan, R.	2018	AIP Conference Proceedings	1953	-	-	0.26
Bio-enrichment of functional properties of peanut oil cakes by solid state fermentation using <i>Aspergillus oryzae</i>	Sadh, P.K., Chawla, P., Bhandari, L., Duhan, J.S.	2018	Journal of Food Measurement and Characterization	12	1	622-633	1.25
Fermentation approach on phenolic, antioxidants and functional properties of peanut press cake	Sadh, P.K., Chawla, P., Duhan, J.S.	2018	Food Bioscience	22	-	113-120	2.6
Fermentation: A boon for production of bioactive compounds by processing of food industries wastes (By-Products)	Sadh, P.K., Kumar, S., Chawla, P., Duhan, J.S.	2018	Molecules	23	10	-	3.27

A Route to Direct Fitness: Natural and Experimentally Induced Queen Succession in the Tropical Primitively Eusocial Wasp <i>Ropalidia marginata</i>	Saha, P., Nandi, A.K., Unnikrishnan, S., Shilpa, M.C., Shukla, S.P., Mandal, S., Mitra, A., Gadagkar, R.	2018	Journal of Insect Behavior	31	1	54-65	1.13
Advances in directional delivery of DNA and SIRNA	Saini, A.K., Rastogi, Y.R., Saini, R.V.	2018	Advances in Polymers for Biomedical Applications	-	-	205-220	-
Multi-criteria Decision Making with Triangular Intuitionistic Fuzzy Number based on Distance Measure & Parametric Entropy Approach	Saini, N., Bajaj, R.K., Gandotra, N., Dwivedi, R.P.	2018	Procedia Computer Science	125	-	34-41	1.03
Design, Analysis, and Assessment of Efficiency of Three-Phase Squirrel-Cage Induction Motors Operating Under the Rated Voltage: A Design Consideration for Rural Areas	Saini, R.K., Saini, D.K., Gupta, R., Dwivedi, R.P., Verma, P.	2018	Advances in Intelligent Systems and Computing	624	-	13-21	0.4
Oncogene c-fos and mutant R175H p53 regulate expression of Nucleophosmin implicating cancer manifestation	Senapati, P., Dey, S., Sudarshan, D., Das, S., Kumar, M., Kaypee, S., Mohiyuddin, A., Kodaganur, G.S., Kundu, T.K.	2018	FEBS Journal	285	18	3503-3524	3.86
Structural and dielectric relaxor properties of Ba1-xMgxTiO3 ceramics prepared through a hydrothermal route	Shandilya, M., Rai, R., Zeb, A.	2018	Advances in Applied Ceramics	117	5	255-263	1.15
Fabrication of fluorine doped graphene and SmVO4 based dispersed and adsorptive photocatalyst for abatement of phenolic compounds from water and bacterial disinfection	Shandilya, P., Mittal, D., Soni, M., Raizada, P., Hosseini-Bandegharaei, A., Saini, A.K., Singh, P.	2018	Journal of Cleaner Production	203	-	386-399	5.79
Islanding of EuVO4 on high-dispersed fluorine doped few layered graphene sheets for efficient photocatalytic mineralization of phenolic compounds and bacterial disinfection	Shandilya, P., Mittal, D., Soni, M., Raizada, P., Lim, J.-H., Jeong, D.Y., Dewedi, R.P., Saini, A.K., Singh, P.	2018	Journal of the Taiwan Institute of Chemical Engineers	93	-	528-542	3.7
Remediation of anionic dye from aqueous system using bio-adsorbent prepared by microwave activation	Sharma, A., Sharma, G., Naushad, M., Ghfar, A.A., Pathania, D.	2018	Environmental Technology (United Kingdom)	39	7	917-930	1.61
A review on himalayan pine species: Ethnopharmacological, phytochemical and pharmacological aspects	Sharma, A., Sharma, L., Goyal, R.	2018	Pharmacognosy Journal	10	4	611-619	0.41
Performance comparison of various dispersion-compensation techniques with proposed hybrid model for dispersion compensation at 100GBPS over 120KM single mode fiber	Sharma, A., Singh, I., Bhattacharya, S., Thakur, S.	2018	International Journal of Mechanical and Production Engineering Research and Development	8	2	1215-1226	0.17
Role of probiotics in the management of lung cancer and related diseases: An update	Sharma, A., Viswanath, B., Park, Y.-S.	2018	Journal of Functional Foods	40	-	625-633	3.7
Fabrication and characterization of trimetallic nano-photocatalyst for remediation of ampicillin antibiotic	Sharma, G., Gupta, V.K., Agarwal, S., Bhogal, S., Naushad, M., Kumar, A., Stadler, F.J.	2018	Journal of Molecular Liquids	260	-	342-350	4.26
Guar gum-crosslinked-Soya lecithin nanohydrogel sheets as effective adsorbent for the removal of thiophanate methyl fungicide	Sharma, G., Kumar, A., Devi, K., Sharma, S., Naushad, M., Ghfar, A.A., Ahamad, T., Stadler, F.J.	2018	International Journal of Biological Macromolecules	114	-	295-305	4.11
Fabrication and characterization of Gum arabic-cl-poly(acrylamide) nanohydrogel for effective adsorption of crystal violet dye	Sharma, G., Kumar, A., Naushad, M., Garc�a-Pe�as, A., Al-Muhtaseb, A.H., Ghfar, A.A., Sharma, V., Ahamad, T., Stadler, F.J.	2018	Carbohydrate Polymers	202	-	444-453	5.58

Facile fabrication of Zr 2 Ni 1 Cu 7 trimetallic nano-alloy and its composite with Si 3 N 4 for visible light assisted photodegradation of methylene blue	Sharma, G., Kumar, A., Sharma, S., Naushad, M., Ahamad, T., Al-Saeedi, S.I., Al-Senani, G.M., Al-kadhi, N.S., Stadler, F.J.	2018	Journal of Molecular Liquids	272	-	170-179	4.26
Anti-diabetic, anti-oxidant and anti-adipogenic potential of quercetin rich ethyl acetate fraction of prunus persica	Sharma, G., Kumar, S., Sharma, M., Upadhyay, N., Kumar, S., Ahmed, Z., Mahindroo, N.	2018	Pharmacognosy Journal	10	3	463-469	0.41
Sodium dodecyl sulphate-supported nanocomposite as drug carrier system for controlled delivery of ondansetron	Sharma, G., Naushad, M., Thakur, B., Kumar, A., Negi, P., Saini, R., Chahal, A., Kumar, A., Stadler, F.J., Aqil, U.M.H.	2018	International Journal of Environmental Research and Public Health	15	3	-	2.41
Guar gum and its composites as potential materials for diverse applications: A review	Sharma, G., Sharma, S., Kumar, A., Al-Muhtaseb, A.H., Naushad, M., Ghfar, A.A., Mola, G.T., Stadler, F.J.	2018	Carbohydrate Polymers	199	-	534-545	5.58
Applications of nanocomposite hydrogels for biomedical engineering and environmental protection	Sharma, G., Thakur, B., Naushad, M., Kumar, A., Stadler, F.J., Alfadul, S.M., Mola, G.T.	2018	Environmental Chemistry Letters	16	1	113-146	3.85
Pharmacological evaluation of Bacopa monnieri extract against depressive like behavior induced by ethanol withdrawal in rats	Sharma, L., Sharma, A., Gupta, G.L., Bisht, G.S.	2018	Pharmacognosy Journal	10	6	S48-S53	0.41
Mycovirus associated hypovirulence, a potential method for biological control of Fusarium species	Sharma, M., Guleria, S., Singh, K., Chauhan, A., Kulshrestha, S.	2018	VirusDisease	29	2	134-140	1.21
Recent advances in polymeric drug delivery carrier systems	Sharma, P., Negi, P., Mahindroo, N.	2018	Advances in Polymers for Biomedical Applications	-	-	369-388	-
Comparative analysis of dispersion compensation using electronic dispersion compensation techniques at different bit rates using single mode fiber	Sharma, S., Sharma, A., Thakur, S.	2018	International Journal of Mechanical and Production Engineering Research and Development	8	3	365-374	0.17
Effect of different yeast species on the production of pumpkin based wine	Sharma, S., Thakur, A.D., Sharma, S., Atanassova, M.	2018	Journal of the Institute of Brewing	124	2	187-193	0.99
Quenched and tempered steel welded with micro-alloyed based ferritic fillers	Sharma, V., Shahi, A.S.	2018	Journal of Materials Processing Technology	253	-	Feb-16	4.15
Soy protein isolate: A substitute of fetal bovine serum for the in vitro cultivation of leishmania donovani	Sidana, A., Alam, A., Farooq, U.	2018	Legume Research	41	2	218-221	0.36
Evaluation of antileishmanial potential of Gentiana kurroo royle by in vitro and in silico methods	Sidana, A., Kaushal, S., Farooq, U.	2018	Journal of Applied Pharmaceutical Science	8	2	143-149	0.69
Review on various strategies for enhancing photocatalytic activity of graphene based nanocomposites for water purification	Singh, P., Shandilya, P., Raizada, P., Sudhaik, A., Rahmani-Sani, A., Hosseini-Bandegharai, A.	2018	Arabian Journal of Chemistry	-	-	-	2.39
Fabrication of Economical Thiol-Tethered Bifunctional Iron Composite as Potential Commercial Applicant for Arsenic Sorption Application	Singh, P., Sharma, S., Chauhan, K., Singhal, R.K.	2018	Industrial and Engineering Chemistry Research	57	39	12959-12972	3.4
Enhanced photocatalytic activity and stability of AgBr/BiOBr/graphene heterojunction for phenol degradation under visible light	Singh, P., Sonu, , Raizada, P., Sudhaik, A., Shandilya, P., Thakur, P., Agarwal, S., Gupta, V.K.	2018	Journal of Saudi Chemical Society	-	-	-	2.64
Effect of grape seed extract on storage stability of buffalo veal slices at refrigeration temperature (4 ± 1°C)	Singh, P.K., Ahlawat, S.S., Sharma, D.P., Jairath, G., Pathera, A.	2018	Journal of Food Safety	38	5	-	1.14

In vitro-in vivo-in silico simulation of experimental design based optimized curcumin loaded multiparticulates system	Singh, S., Hussain, A., Lal, U.R., Sayyad, N., Karpoormath, R., Nlooto, M.-B.	2018	Current Pharmaceutical Design	24	30	3576-3586	2.61
Collection, identification, molecular characterization, and antioxidant activity of non-gilled mushrooms collected from north western himalayas	Singh, S., Tripathi, A.	2018	Asian Journal of Pharmaceutical and Clinical Research	11	10	254-259	0.49
Antimicrobial and phytochemical properties of methanol and hexane extract of non-gilled mushrooms collected from North-Western Himalayas	Singh, S., Tripathi, A.	2018	International Journal of Research in Pharmaceutical Sciences	9	4	1174-1182	0.13
Parametric study and optimization of multiwalled carbon nanotube filled friction composite materials using taguchi method	Singh, T., Chauhan, R., Patnaik, A., Gangil, B., Nain, R., Kumar, A.	2018	Polymer Composites	39	-	E1109-E1117	1.66
Selection of brake friction materials using hybrid analytical hierarchy process and vise Kriterijumska Optimizacija Kompromisno Resenje approach	Singh, T., Patnaik, A., Chauhan, R., Chauhan, P.	2018	Polymer Composites	39	5	1655-1662	1.66
Physico-mechanical and tribological properties of nanoclay filled friction composite materials using Taguchi design of experiment approach	Singh, T., Patnaik, A., Chauhan, R., Chauhan, P., Kumar, N.	2018	Polymer Composites	39	5	1575-1581	1.66
Search for vector-like T and B quark pairs in final states with leptons at $\sqrt{s}=13$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	8	-	4.24
Search for disappearing tracks as a signature of new long-lived particles in proton-proton collisions at $\sqrt{s}=13$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	8	-	4.24
Search for beyond the standard model Higgs bosons decaying into a $b\bar{b}A^-$ pair in pp collisions at $\sqrt{s}=13$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	8	-	4.24
Search for top squarks decaying via four-body or chargino-mediated modes in single-lepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	9	-	4.24
Search for an exotic decay of the Higgs boson to a pair of light pseudoscalars in the final state with two b quarks and two \bar{l}, l , leptons in proton-proton collisions at $\sqrt{s}=13$ TeV	Sirunyan, A.M et al.	2018	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics	785	-	462-488	3.87
Elliptic Flow of Charm and Strange Hadrons in High-Multiplicity p+Pb Collisions at $\sqrt{s_{NN}}=8.16$ TeV	Sirunyan, A.M et al.	2018	Physical Review Letters	121	8	-	7.58
Search for a charged Higgs boson decaying to charm and bottom quarks in proton-proton collisions at $\sqrt{s}=8$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	11	-	4.24
Search for the decay of a Higgs boson in the $h \rightarrow a, a \rightarrow \tau^+\tau^-$ channel in proton-proton collisions at $\sqrt{s}=13$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	11	-	4.24
Observation of the $Z \rightarrow \tau^+\tau^-$ Decay in pp Collisions at $\sqrt{s}=13$ TeV	Sirunyan, A.M et al.	2018	Physical Review Letters	121	14	-	7.58
Search for heavy resonances decaying into a vector boson and a Higgs boson in final states with charged leptons, neutrinos and b quarks at $\sqrt{s}=13$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	11	-	4.24
Search for supersymmetry in events with a \bar{l}, l , lepton pair and missing transverse momentum in proton-proton collisions at $\sqrt{s}=13$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	11	-	4.24

Angular analysis of the decay $B^+ \rightarrow \bar{c}^+ k^+ \bar{l}^+ l^-$ in proton-proton collisions at $\sqrt{s} = 8$ TeV	Sirunyan, A.M et al.	2018	Physical Review D	98	11	-	3.52
Measurement of jet substructure observables in $t\bar{t}$ events from proton-proton collisions at $\sqrt{s} = 13$ TeV MEASUREMENT OF JET SUBSTRUCTURE OBSERVABLES ... A. M. SIRUNYAN et al.	Sirunyan, A.M et al.	2018	Physical Review D	98	9	-	3.52
Performance of the CMS muon detector and muon reconstruction with proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M et al.	2018	Journal of Instrumentation	13	6	-	1.23
Search for Heavy Neutral Leptons in Events with Three Charged Leptons in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M et al.	2018	Physical Review Letters	120	22	-	7.58
Measurement of the inelastic proton-proton cross section at $\sqrt{s} = 13$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	7	-	4.24
Search for natural and split supersymmetry in proton-proton collisions at $\sqrt{s} = 13$ TeV in final states with jets and missing transverse momentum	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	5	-	4.24
Search for a heavy right-handed W boson and a heavy neutrino in events with two same-flavor leptons and two jets at $\sqrt{s} = 13$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	5	-	4.24
Search for new physics in events with two soft oppositely charged leptons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M et al.	2018	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics	782	-	440-467	3.87
Search for narrow and broad dijet resonances in proton-proton collisions at $\sqrt{s} = 13$ TeV and constraints on dark matter mediators and other new particles	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	8	-	4.24
Search for additional neutral MSSM Higgs bosons in the \bar{l}, l , final state in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	9	-	4.24
Search for a new scalar resonance decaying to a pair of Z bosons in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	6	-	4.24
Search for a heavy resonance decaying into a Z boson and a Z or W boson in $2q, \bar{q}q$ final states at $\sqrt{s} = 13$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	9	-	4.24
Search for a heavy resonance decaying to a pair of vector bosons in the lepton plus merged jet final state at $\sqrt{s} = 13$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	5	-	4.24
Search for Narrow Resonances in the b -Tagged Dijet Mass Spectrum in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV	Sirunyan, A.M et al.	2018	Physical Review Letters	120	20	-	7.58
Search for high-mass resonances in final states with a lepton and missing transverse momentum at $\sqrt{s} = 13$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	6	-	4.24
Search for decays of stopped exotic long-lived particles produced in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	5	-	4.24

Evidence for associated production of a Higgs boson with a top quark pair in final states with electrons, muons, and hadronically decaying \tilde{L} , leptons at $\hat{s}=13$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	8	-	4.24
Search for single production of vector-like quarks decaying to a b quark and a Higgs boson	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	6	-	4.24
Measurements of Higgs boson properties in the diphoton decay channel in proton-proton collisions at $\hat{s}=13$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	11	-	4.24
Search for R-parity violating supersymmetry in pp collisions at $s=13$ TeV using b jets in a final state with a single lepton, many jets, and high sum of large-radius jet masses	Sirunyan, A.M et al.	2018	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics	783	-	114-139	3.87
Measurements of differential cross sections of top quark pair production as a function of kinematic event variables in proton-proton collisions at $\hat{s}=13$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	6	-	4.24
Search for resonant pair production of Higgs bosons decaying to bottom quark-antiquark pairs in proton-proton collisions at 13 TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	8	-	4.24
Observation of proton-tagged, central (semi)exclusive production of high-mass lepton pairs in pp collisions at 13 TeV with the CMS-TOTEM precision proton spectrometer	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	7	-	4.24
Search for lepton-flavor violating decays of heavy resonances and quantum black holes to $e\tilde{\nu}_\mu$ final states in proton-proton collisions at $\hat{s}=13$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	4	-	4.24
Search for Physics beyond the Standard Model in Events with High-Momentum Higgs Bosons and Missing Transverse Momentum in Proton-Proton Collisions at 13 TeV	Sirunyan, A.M et al.	2018	Physical Review Letters	120	24	-	7.58
Comparing transverse momentum balance of b jet pairs in pp and PbPb collisions at $\hat{s}_{NN}=5.02$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	3	-	4.24
Measurement of the associated production of a single top quark and a Z boson in pp collisions at $s=13$ TeV	Sirunyan, A.M et al.	2018	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics	779	-	358-384	3.87
Observation of Medium-Induced Modifications of Jet Fragmentation in Pb-Pb Collisions at $s_{NN}=5.02$ TeV Using Isolated Photon-Tagged Jets	Sirunyan, A.M et al.	2018	Physical Review Letters	121	24	-	7.58
Jet properties in PbPb and pp collisions at $\hat{s}_{NN}=5.02$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	5	-	4.24
Measurement of the production cross section for single top quarks in association with W bosons in proton-proton collisions at $\hat{s}=13$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	10	-	4.24
Observation of $t\bar{t}H$ Production	Sirunyan, A.M et al.	2018	Physical Review Letters	120	23	-	7.58
Observation of Higgs Boson Decay to Bottom Quarks	Sirunyan, A.M et al.	2018	Physical Review Letters	121	12	-	7.58
Observation of the $\tilde{L}\tilde{L}^*b$ (3P) and $\tilde{L}\tilde{L}^*b$ (3P) and Measurement of their Masses	Sirunyan, A.M et al.	2018	Physical Review Letters	121	9	-	7.58

Constraints on models of scalar and vector leptoquarks decaying to a quark and a neutrino at $s = 13$ TeV	Sirunyan, A.M et al.	2018	Physical Review D	98	3	-	3.52
Search for dark matter produced in association with a Higgs boson decaying to $\tilde{\chi}^0\tilde{\chi}^0$ or $\tilde{\chi}^{\pm}\tilde{\chi}^{\mp}$, $\tilde{\chi}^{\pm}\tilde{\nu}$ at $\hat{s}=13$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	9	-	4.24
Search for an exotic decay of the Higgs boson to a pair of light pseudoscalars in the final state of two muons and two $\tilde{\ell}$, leptons in proton-proton collisions at $\hat{s}=13$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	11	-	4.24
Search for black holes and sphalerons in high-multiplicity final states in proton-proton collisions at $\hat{s}=13$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	11	-	4.24
Searches for pair production of charginos and top squarks in final states with two oppositely charged leptons in proton-proton collisions at $\hat{s}=13$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	11	-	4.24
Search for physics beyond the standard model in high-mass diphoton events from proton-proton collisions at $s = 13$ TeV	Sirunyan, A.M et al.	2018	Physical Review D	98	9	-	3.52
Search for a singly produced third-generation scalar leptoquark decaying to a $\tilde{\ell}$, lepton and a bottom quark in proton-proton collisions at $\hat{s}=13$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	7	-	4.24
Measurement of the groomed jet mass in PbPb and pp collisions at $\hat{s}_{NN}=5.02$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	10	-	4.24
Search for Leptoquarks Coupled to Third-Generation Quarks in Proton-Proton Collisions at $s = 13$ TeV	Sirunyan, A.M et al.	2018	Physical Review Letters	121	24	-	7.58
Search for long-lived particles with displaced vertices in multijet events in proton-proton collisions at $s = 13$ TeV	Sirunyan, A.M et al.	2018	Physical Review D	98	9	-	3.52
Event shape variables measured using multijet final states in proton-proton collisions at $\hat{s}=13$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	12	-	4.24
Constraining Gluon Distributions in Nuclei Using Dijets in Proton-Proton and Proton-Lead Collisions at $s_{NN} = 5.02$ TeV	Sirunyan, A.M et al.	2018	Physical Review Letters	121	6	-	7.58
Charged-particle nuclear modification factors in XeXe collisions at $\hat{s}_{NN}=5.44$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	10	-	4.24
Search for Pair-Produced Resonances Each Decaying into at Least Four Quarks in Proton-Proton Collisions at $s = 13$ TeV	Sirunyan, A.M et al.	2018	Physical Review Letters	121	14	-	7.58
Measurements of the differential jet cross section as a function of the jet mass in dijet events from proton-proton collisions at $\hat{s}=13$ TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	11	-	4.24
Search for resonances in the mass spectrum of muon pairs produced in association with b quark jets in proton-proton collisions at $\hat{s}=8$ and 13 TeV	Sirunyan, A.M et al.	2018	Journal of High Energy Physics	2018	11	-	4.24
Search for pair-produced resonances decaying to quark pairs in proton-proton collisions at $s = 13$ TeV	Sirunyan, A.M et al.	2018	Physical Review D	98	11	-	3.52

Evidence for the Associated Production of a Single Top Quark and a Photon in Proton-Proton Collisions at $\sqrt{s}=13$ TeV	Sirunyan, A.M et al.	2018	Physical Review Letters	121	22	-	7.58
Review on fabrication of graphitic carbon nitride based efficient nanocomposites for photodegradation of aqueous phase organic pollutants	Sudhaik, A., Raizada, P., Shandilya, P., Jeong, D.-Y., Lim, J.-H., Singh, P.	2018	Journal of Industrial and Engineering Chemistry	67	-	28-51	4.53
Magnetically recoverable graphitic carbon nitride and NiFe ₂ O ₄ based magnetic photocatalyst for degradation of oxytetracycline antibiotic in simulated wastewater under solar light	Sudhaik, A., Raizada, P., Shandilya, P., Singh, P.	2018	Journal of Environmental Chemical Engineering	6	4	3874-3883	4.01
Formulation, in-vitro and ex-vivo evaluation of tretinoin loaded cubosomal gel for the treatment of acne	Sureka, S., Gupta, G., Agarwal, M., Mishra, A., Singh, S.K., Singh, R.P., Sah, S.K., Pinto, T.J.A., Dua, K.	2018	Recent Patents on Drug Delivery and Formulation	12	2	121-129	1.24
Experimental determination of enhancement of heat transfer in a multiple square perforated twisted tape inserts heat exchanger tube	Suri, A.R.S., Kumar, A., Maithani, R.	2018	Experimental Heat Transfer	31	2	85-105	1.53
Convective heat transfer enhancement techniques of heat exchanger tubes: a review	Suri, A.R.S., Kumar, A., Maithani, R.	2018	International Journal of Ambient Energy	39	7	649-670	0.83
Experimental investigation of heat transfer and fluid flow behaviour in multiple square perforated twisted tape with square wing inserts heat exchanger tube	Suri, A.R.S., Kumar, A., Maithani, R.	2018	Heat and Mass Transfer/Waerme- und Stoffuebertragung	54	6	1813-1826	1.34
Moringa oleifera-a never die tree: An overview	Swati, , Virk, A.K., Kumari, C., Ali, A., Garg, P., Thakur, P., Attri, C., Kulshrestha, S.	2018	Asian Journal of Pharmaceutical and Clinical Research	11	12	57-65	0.49
Protein extraction and cytotoxicity abilities of colloidal gold-coated silica hybrid nanoparticles	Tandon, L., Singh, V., Mandial, D., Mahal, A., Khullar, P., Thakur, P.	2018	Journal of Nanoparticle Research	20	4	-	1.93
Synthesis, Characterization and Environmental Applications of a New Bio-Composite Gelatin-Zr(IV) Phosphate	Thakur, M., Pathania, D., Sharma, G., Naushad, M., Bhatnagar, A., Khan, M.R.	2018	Journal of Polymers and the Environment	26	4	1415-1424	2.14
Heat stability and antioxidant potential of beta-carotene isolated from a fungal isolate	Thakur, N.	2018	Bulgarian Journal of Agricultural Science	24	5	891-896	0.36
In silico modulation techniques for upgrading sustainability and competitiveness in agri-food sector	Thakur, N.	2018	In Silico Approach for Sustainable Agriculture	-	-	161-167	-
Purification and characterization of alkaline, thermostable and organic solvent stable protease from a mutant of Bacillus sp.	Thakur, N., Kumar, A., Sharma, A., Bhalla, T.C., Kumar, D.	2018	Biocatalysis and Agricultural Biotechnology	16	-	217-224	2.19
Antimicrobial potential of herbal and chemical neonatal eye drops	Thakur, N., Kumari, J., Sharma, M.	2018	Asian Journal of Pharmaceutical and Clinical Research	11	11	319-323	0.49
Increased shelf life and safety of ketchup prepared from organically raised tomato (cv. Solan Lalima)	Thakur, N., Thakur, M., Thakur, G., Lal, S.	2018	Journal of Pure and Applied Microbiology	12	3	1351-1354	0.14
Silt erosion in hydro turbines and status of small hydropower in India - A review	Thakur, R., Kumar, N., Suri, A.R.S., Kumar, A.	2018	International Journal of Mechanical and Production Engineering Research and Development	8	2	315-322	0.17
Impact of sand erosion on hydroturbines: A case study of hydropower plant in Himachal Pradesh, India	Thakur, R., Sethi, M., Khurana, S.	2018	Advances in Intelligent Systems and Computing	624	-	1-Dec	0.4
Sustainability of bioplastics: Opportunities and challenges	Thakur, S., Chaudhary, J., Sharma, B., Verma, A., Tamulevicius, S., Thakur, V.K.	2018	Current Opinion in Green and Sustainable Chemistry	13	-	68-75	1.33

ANALYSIS OF DISPERSION COMPENSATION USING DIFFERENT MODULATION FORMATS WITH FIBER BRAGG GRATING IN DIFFERENT CONFIGURATIONS	Thakur, S., Sharma, A., Sharma, S.	2018	International Journal of Mechanical Engineering and Technology	9	4	1070-1079	2.13
Recent progress in sodium alginate based sustainable hydrogels for environmental applications	Thakur, S., Sharma, B., Verma, A., Chaudhary, J., Tamulevicius, S., Thakur, V.K.	2018	Journal of Cleaner Production	198	-	143-159	5.79
Recent approaches in guar gum hydrogel synthesis for water purification	Thakur, S., Sharma, B., Verma, A., Chaudhary, J., Tamulevicius, S., Thakur, V.K.	2018	International Journal of Polymer Analysis and Characterization	23	7	621-632	1.57
Recent developments in recycling of polystyrene based plastics	Thakur, S., Verma, A., Sharma, B., Chaudhary, J., Tamulevicius, S., Thakur, V.K.	2018	Current Opinion in Green and Sustainable Chemistry	13	-	32-38	1.33
Effect of location on physico-chemical, cooking and antioxidant properties of variously-treated and milled Indian rice cultivars	Thory, R., Sandhu, K.S., Sinhmar, A.	2018	Current Research in Nutrition and Food Science	6	1	183-190	0.28
Role of microRNAs (miRNAs) in the pathophysiology of Diabetes mellitus	Tiwari, J., Gupta, G., De Jesus Andreoli Pinto, T., Sharma, R., Pabreja, K., Matta, Y., Arora, N., Mishra, A., Sharma, R., Dua, K.	2018	Panminerva Medica	60	1	25-28	1.48
Perovskites photovoltaic solar cells: An overview of current status	Tonui, P., Oseni, S.O., Sharma, G., Yan, Q., Tessema Mola, G.	2018	Renewable and Sustainable Energy Reviews	91	-	1025-1044	10.54
ESCC ATLAS: A population wide compendium of biomarkers for Esophageal Squamous Cell Carcinoma	Tungekar, A., Mandarathi, S., Mandaviya, P.R., Gadekar, V.P., Tantry, A., Kotian, S., Reddy, J., Prabha, D., Bhat, S., Sahay, S., Mascarenhas, R., Badkillaya, R.R., Nagasampige, M.K., Yelnadu, M., Pawar, H., Hebbar, P., Kashyap, M.K.	2018	Scientific Reports	8	1	-	4.36
Novel RP-HPLC method development and validation for the simultaneous estimation of saxagliptin and glimepiride	Upadhyay, N.K., Rathore, C., Sapra, S., Negi, P.	2018	International Journal of Applied Pharmaceutics	10	3	151-156	1.35
Distinct Osmoadaptation Strategies in the Strict Halophilic and Halotolerant Bacteria Isolated from Lunsu Salt Water Body of North West Himalayas	Vaidya, S., Dev, K., Sourirajan, A.	2018	Current Microbiology	75	7	888-895	1.48
Biodiversity and sustainable development	Ahmad, N., Sharma, A., Rai, R.	2017	Smart Materials for Smart Living	-	-	257-275	-
Isolation of isoflavones from Iris kashmiriana Baker as potential anti proliferative agents targeting NF-kappaB	Alam, A., Jaiswal, V., Akhtar, S., Jayashree, B.S., Dhar, K.L.	2017	Phytochemistry	136	-	70-80	3.2
Simple, efficient and economical methods for isolation and estimation of novel isoflavone using RP-HPLC	Alam, A., Naik, K.K., Upadhaya, N.K., Kumar, S., Dhar, K.L.	2017	MethodsX	4	-	128-133	1.59
Infectious agents and neurodegenerative diseases: Exploring the links	Alam, M.Z., Alam, Q., Kamal, M.A., Jiman-Fatani, A.A., Azhar, E.I., Azhar Khan, M., Haque, A.	2017	Current Topics in Medicinal Chemistry	17	12	1390-1399	2.73
Oyster mushroom: Answer to human ailments	Anjana, S., Savita, J.	2017	Asian Journal of Pharmaceutical and Clinical Research	10	4	24-27	0.49

Dual crosslinked pectin-alginate network as sustained release hydrophilic matrix for repaglinide	Awasthi, R., Kulkarni, G.T., Ramana, M.V., de Jesus Andreoli Pinto, T., Kikuchi, I.S., Molim Ghisleni, D.D., de Souza Braga, M., De Bank, P., Dua, K.	2017	International Journal of Biological Macromolecules	97	-	721-732	4.11
Evaluation of antioxidant and anti-inflammatory properties of aqueous extract of wild mushrooms collected from Himachal Pradesh	Bains, A., Tripathi, A.	2017	Asian Journal of Pharmaceutical and Clinical Research	10	3	467-472	0.49
Status, supply chain and processing of cocoa - A review	Beg, M.S., Ahmad, S., Jan, K., Bashir, K.	2017	Trends in Food Science and Technology	66	-	108-116	6.67
Experimental investigation of an indirect solar dryer integrated with phase change material for drying valeriana jatamansi (medicinal herb)	Bhardwaj, A.K., Chauhan, R., Kumar, R., Sethi, M., Rana, A.	2017	Case Studies in Thermal Engineering	10	-	302-314	3.26
Naturally occurring biodegradable polymers	Bhattacharya, S., Puri, S., Kumar, A.	2017	Modified Biopolymers: Challenges and Opportunities	-	-	139-162	-
Synthesis of polyaniline based composite material and its analytical applications for the removal of highly toxic Hg ²⁺ metal ion: Antibacterial activity against E. coli	Bushra, R., Naushad, M., Sharma, G., Azam, A., Alothman, Z.A.	2017	Korean Journal of Chemical Engineering	34	7	1970-1979	2.09
Investigation of structural, optical, dielectric and magnetic studies of Mn substituted BiFeO ₃ multiferroics	Chandel, S., Thakur, P., Tomar, M., Gupta, V., Thakur, A.	2017	Ceramics International	43	16	13750-13758	2.85
Synthesis of new benzothiazole Schiff base as selective and sensitive colorimetric sensor for arsenic on-site detection at ppb level	Chauhan, K., Singh, P., Kumari, B., Singhal, R.K.	2017	Analytical Methods	9	11	1779-1785	2.11
Efficacy of medicinal plants against human pathogens isolated from western Himalayas of Himachal Pradesh	Chauhan, N., Farooq, U., Khan, M.A.	2017	Asian Journal of Pharmaceutical and Clinical Research	10	9	353-357	0.49
Experimental investigation and optimization of impinging jet solar thermal collector by Taguchi method	Chauhan, R., Singh, T., Kumar, N., Patnaik, A., Thakur, N.S.	2017	Applied Thermal Engineering	116	-	100-109	4.14
Hybrid entropy TOPSIS approach for energy performance prioritization in a rectangular channel employing impinging air jets	Chauhan, R., Singh, T., Tiwari, A., Patnaik, A., Thakur, N.S.	2017	Energy	134	-	360-368	5.6
Review on energy efficient protocol based on LEACH, PEGASIS and TEEN	Chauhan, T., Nayyer, M.	2017	2016 International Conference on Emerging Trends in Communication Technologies, ETCT 2016	-	-	-	-
Antiechinococcal assessment of atovaquone-an in silico and in vitro analysis	Chauhan, V., Chauhan, N., Farooq, U.	2017	Comparative Clinical Pathology	26	6	1289-1292	0.48
Biotechnological aspects for enhancement of mineral bioavailability from cereals and legumes	Chawla, P., Bhandari, L., Dhull, S.B., Sadh, P.K., Sandhu, S.P., Kaushik, R., Navnidhi,	2017	Plant Biotechnology: Recent Advancements and Developments	-	-	87-100	-
Impact of solid-state fermentation (aspergillus oryzae) on functional properties and mineral bioavailability of black-eyed pea (vigna unguiculata) seed flour	Chawla, P., Bhandari, L., Sadh, P.K., Kaushik, R.	2017	Cereal Chemistry	94	3	437-442	1.4
Formation of struvite urinary stones and approaches towards the inhibition-A review	Das, P., Gupta, G., Velu, V., Awasthi, R., Dua, K., Malipeddi, H.	2017	Biomedicine and Pharmacotherapy	96	-	361-370	3.39

Potential therapeutic activity of Phlogacanthus thyriformis Hardow (Mabb) flower extract and its biofabricated silver nanoparticles against chemically induced urolithiasis in male Wistar rats	Das, P., Kumar, K., Nambiraj, A., Rajan, R., Awasthi, R., Dua, K., Himaja, M.	2017	International Journal of Biological Macromolecules	103	-	621-629	4.11
Nano Fe x Zn 1â´x O as a tuneable and efficient photocatalyst for solar powered degradation of bisphenol A from aqueous environment	Dhiman, P., Naushad, M., Batoo, K.M., Kumar, A., Sharma, G., Ghfar, A.A., Kumar, G., Singh, M.	2017	Journal of Cleaner Production	165	-	1542-1556	5.79
Possible modulation of PPAR-β cascade against depression caused by neuropathic pain in rats	Garg, S., Deshmukh, V.R., Prasoon, P.	2017	Journal of Basic and Clinical Physiology and Pharmacology	28	6	593-600	1.28
Superparamagnetic MnFe2O4 dispersed over graphitic carbon sand composite and bentonite as magnetically recoverable photocatalyst for antibiotic mineralization	Gautam, S., Shandilya, P., Priya, B., Singh, V.P., Raizada, P., Rai, R., Valente, M.A., Singh, P.	2017	Separation and Purification Technology	172	-	498-511	4.25
Metagenomics of fermented foods: Implications on probiotic development	Guleria, S., Kumar, A., Sharma, S., Kulshrestha, S., Chauhan, A.	2017	Mining of Microbial Wealth and MetaGenomics	-	-	333-355	-
Hyperspectral imaging: A brief introduction for beginners	Gupta, A.	2017	Smart Materials for Smart Living	-	-	337-344	-
Pharmacological evaluation of the recuperative effect of morusin against aluminium trichloride (AlCl3)-induced memory impairment in rats	Gupta, G., Chellappan, D.K., Agarwal, M., Ashwathanarayana, M., Nammi, S., Pabreja, K., Dua, K.	2017	Central Nervous System Agents in Medicinal Chemistry	17	3	196-200	1.12
Carbon catalyst derived from Himalayan pine for the C-N coupling of organic molecules leading to pyrrole formation	Gupta, N., Bhardwaj, P., Kumar, A.	2017	Iranian Journal of Catalysis	7	2	171-179	-
Ionic liquid N-ethylpyridinium hydrogen sulfate as an efficient catalyst for designing indole scaffolds and their antimicrobial behavior	Gupta, N., Bhardwaj, P., Sharma, G.	2017	Iranian Journal of Catalysis	7	3	243-248	-
Ultrasensitive transglutaminase based nanosensor for early detection of celiac disease in human	Gupta, S., Kaushal, A., Kumar, A., Kumar, D.	2017	International Journal of Biological Macromolecules	105	-	905-911	4.11
Adsorptive remediation of Cu(II) and Ni(II) by microwave assisted H3PO4activated carbon	Gupta, V.K., Pathania, D., Sharma, S.	2017	Arabian Journal of Chemistry	10	-	S2836-S2844	2.39
Value addition to agro industrial by-products: Effect of temperature and plasticizer on various properties of pellets developed using extrusion technology	Jan, K., Riar, C.S., Saxena, D.C.	2017	Journal of Food Processing and Preservation	41	6	-	1.39
Recent trends in HRM: A qualitative analysis using AHP	Joshi, A., Sunny, N., Vashisht, S.	2017	Prabandhan: Indian Journal of Management	10	10	41-52	0.6
Improving stability and reusability of Rhodococcus pyridinivorans NIT-36 nitrilase by whole cell immobilization using chitosan	Jyoti, , Bhatia, K., Chauhan, K., Attri, C., Seth, A.	2017	International Journal of Biological Macromolecules	103	-	Aug-15	4.11
Metabolic engineering for bioactive compounds: Strategies and processes	Kalia, V.C., Saini, A.K.	2017	Metabolic Engineering for Bioactive Compounds: Strategies and Processes	-	-	1-412	-
Problems and prospects of lychee cultivation in India	Kashyap, A.S., Thakur, N.	2017	Lychee Disease Management	-	-	139-166	-
Prediction and analysis of promiscuous T cell-epitopes derived from the vaccine candidate antigens of Leishmania donovani binding to MHC class-II alleles using in silico approach	Kashyap, M., Jaiswal, V., Farooq, U.	2017	Infection, Genetics and Evolution	53	-	107-115	2.67

Photodegradation of congo red, methylene blue and methyl red dyes using electrochemically synthesized Al ₂ O ₃ Nanocatalyst	Katwal, R., Kaur, R., Kaur, H.	2017	Asian Journal of Chemistry	29	5	1095-1097	0.21
A review on pharmacognostic, phytochemical and pharmacological data of various species of Hippophae (Sea buckthorn)	Kaur, T., Singh, G., Kapoor, D.N.	2017	International Journal of Green Pharmacy	11	1	S62-S75	0.32
Implantable systems for drug delivery to the brain	Kaurav, H., Kapoor, D.N.	2017	Therapeutic Delivery	8	12	1097-1107	1.79
Nano-Au/cMWCNT Modified speB Gene Specific Amperometric Sensor for Rapidly Detecting Streptococcus pyogenes causing Rheumatic Heart Disease	Kaushal, A., Singh, S., Kumar, A., Kumar, D.	2017	Indian Journal of Microbiology	57	1	121-124	2.24
Effect of calcium and vitamin D2 fortification on physical, microbial, rheological and sensory characteristics of yoghurt	Kaushik, R., Arora, S.	2017	International Food Research Journal	24	4	1744-1752	0.76
Effect of pre-milling treatments on wheat flour quality	Kaushik, R., Chawla, P., Kumar, N., Kumar, M.	2017	Annals of the University Dunarea de Jos of Galati, Fascicle VI: Food Technology	41	2	141-152	0.27
Effect of calcium and vitamin D2 fortification on quality characteristics of dahi	Kaushik, R., Sachdeva, B., Arora, S.	2017	International Journal of Dairy Technology	70	2	269-276	1.2
An immunoinformatics approach to promiscuous peptide design for the: Plasmodium falciparum erythrocyte membrane protein-1	Khan, N., Kumar, R., Chauhan, S., Farooq, U.	2017	Molecular BioSystems	13	10	2160-2167	2.75
Molecular farming approach towards bioactive compounds	Khatari, S., Saini, R.V., Chhillar, A.K.	2017	Metabolic Engineering for Bioactive Compounds: Strategies and Processes	-	-	49-72	-
Hydrogel based drug delivery systems: A review with special emphasis on challenges associated with decontamination of hydrogels and biomaterials	Kikuchi, I.S., Galante, R.S.C., Dua, K., Malipeddi, V.R., Awasthi, R., Ghisleni, D.D.M., de Jesus Andreoli Pinto, T.	2017	Current Drug Delivery	14	7	917-925	1.67
Developing heat transfer and pressure loss in an air passage with multi discrete V-blockages	Kumar, A., Chauhan, R., Kumar, R., Singh, T., Sethi, M., Kumar, A., Sharma, A.	2017	Experimental Thermal and Fluid Science	84	-	266-278	3.6
Sustainable nano-hybrids of magnetic biochar supported g-C ₃ N ₄ /FeVO ₄ for solar powered degradation of noxious pollutants- Synergism of adsorption, photocatalysis & photo-ozonation	Kumar, A., Kumar, A., Sharma, G., Naushad, M., Stadler, F.J., Ghfar, A.A., Dhiman, P., Saini, R.V.	2017	Journal of Cleaner Production	165	-	431-451	5.79
Solar-driven photodegradation of 17-β-estradiol and ciprofloxacin from waste water and CO ₂ conversion using sustainable coal-char/polymeric-g-C ₃ N ₄ /RGO metal-free nano-hybrids	Kumar, A., Kumar, A., Sharma, G., Naushad, M., Veses, R.C., Ghfar, A.A., Stadler, F.J., Khan, M.R.	2017	New Journal of Chemistry	41	18	10208-10224	3.24
Single-phase thermal and hydraulic performance analysis of a V-pattern dimpled obstacles air passage	Kumar, A., Kumar, R., Chauhan, R., Sethi, M., Kumari, A., Verma, N., Nadda, R.	2017	Experimental Heat Transfer	30	5	393-426	1.53
An experimental study of heat transfer enhancement in an air channel with broken multi type V-baffles	Kumar, A., Kumar, R., Maithani, R., Chauhan, R., Kumar, S., Nadda, R.	2017	Heat and Mass Transfer/Waerme- und Stoffuebertragung	53	12	3593-3612	1.34
Correlation development for Nusselt number and friction factor of a multiple type V-pattern dimpled obstacles solar air passage	Kumar, A., Kumar, R., Maithani, R., Chauhan, R., Sethi, M., Kumari, A., Kumar, S., Kumar, S.	2017	Renewable Energy	109	-	461-479	5.38

Numerical and experimental investigation of enhancement of heat transfer in dimpled rib heat exchanger tube	Kumar, A., Maithani, R., Suri, A.R.S.	2017	Heat and Mass Transfer/Waerme- und Stoffuebertragung	53	12	3501-3516	1.34
ZnSe-WO ₃ nano-hetero-assembly stacked on Gum ghatti for photo-degradative removal of Bisphenol A: Symbiose of adsorption and photocatalysis	Kumar, A., Naushad, M., Rana, A., Inamuddin, , Preeti, , Sharma, G., Ghfar, A.A., Stadler, F.J., Khan, M.R.	2017	International Journal of Biological Macromolecules	104	-	1172-1184	4.11
Facile hetero-assembly of superparamagnetic Fe ₃ O ₄ /BiVO ₄ stacked on biochar for solar photo-degradation of methyl paraben and pesticide removal from soil	Kumar, A., Shalini, , Sharma, G., Naushad, M., Kumar, A., Kalia, S., Guo, C., Mola, G.T.	2017	Journal of Photochemistry and Photobiology A: Chemistry	337	-	118-131	2.76
Comparative whole-transcriptome analysis in Podophyllum species identifies key transcription factors contributing to biosynthesis of podophyllotoxin in <i>P. hexandrum</i>	Kumar, P., Jaiswal, V., Pal, T., Singh, J., Chauhan, R.S.	2017	Protoplasma	254	1	217-228	2.38
Experimental study and correlation development for Nusselt number and friction factor for discretized broken V-pattern baffle solar air channel	Kumar, R., Chauhan, R., Sethi, M., Kumar, A.	2017	Experimental Thermal and Fluid Science	81	-	56-75	3.6
Experimental study of heat transfer enhancement in a rectangular duct distributed by multi V-perforated baffle of different relative baffle width	Kumar, R., Kumar, A., Sharma, A., Chauhan, R., Sethi, M.	2017	Heat and Mass Transfer/Waerme- und Stoffuebertragung	53	4	1289-1304	1.34
Experimental study of enhancement of heat transfer and pressure drop in a solar air channel with discretized broken V-pattern baffle	Kumar, R., Sethi, M., Chauhan, R., Kumar, A.	2017	Renewable Energy	101	-	856-872	5.38
Numerical analysis of thermal hydraulic performance of Al ₂ O ₃ -H ₂ O nanofluid flowing through a protrusion obstacles square mini channel	Kumar, S., Kothiyal, A.D., Bisht, M.S., Kumar, A.	2017	Case Studies in Thermal Engineering	9	-	108-121	3.26
Turbulent heat transfer and nanofluid flow in a protruded ribbed square passage	Kumar, S., Kothiyal, A.D., Bisht, M.S., Kumar, A.	2017	Results in Physics	7	-	3603-3618	2.01
Water treatment using photocatalytic and antimicrobial activities of tin oxide nanoparticles	Kumar, S., Kumar, M., Thakur, A., Patial, S.	2017	Indian Journal of Chemical Technology	24	4	435-440	0.5
Recent advances in cancer immunology and immunology-based anticancer therapies	Kumar, S., Saini, R.V., Mahindroo, N.	2017	Biomedicine and Pharmacotherapy	96	-	1491-1500	3.39
Piezoelectric electroceramic perovskites and their applications	Kumari, P., Lal, M., Rai, S.P., Rai, R.	2017	Smart Materials for Smart Living	-	-	205-255	-
Dielectric, electrical conduction and magnetic properties of multiferroic Bi _{0.8} Tb _{0.1} Ba _{0.1} Fe _{0.9} Ti _{0.1} O ₃ perovskite compound	Kumari, P., Rai, R., Sharma, S., Valente, M.A.	2017	Journal of Advanced Dielectrics	7	5	-	0.87
High dielectric materials for supercapacitors	Kumari, P., Shandilya, M., Lal, M., Rai, R.	2017	Smart Materials for Smart Living	-	-	95-135	-
Smart material nanofibers for day to day life	Lal, M., Shandilya, M., Sharma, S., Rai, R.	2017	Smart Materials for Smart Living	-	-	Jan-66	-
Formulation, characterization and in-vitro evaluation of fast dissolving tablets containing gliclazide hydrotropic solid dispersions	Madan, J.R., Kamate, V.J., Awasthi, R., Dua, K.	2017	Recent Patents on Drug Delivery and Formulation	11	2	147-154	1.24
Anti-psychotic activity of aqueous root extract of <i>Hemidesmus indicus</i> : A time bound study in rats	Madhu, A., Gupta, G., Arali, B., Chellappan, D.K., Dua, K.	2017	Recent Patents on Drug Delivery and Formulation	11	1	36-41	1.24

The role of epidermal growth factor receptor in the management of gastrointestinal carcinomas: Present status and future perspectives	Mahmood, M.Q., Shukla, S.D., Dua, K., Shastri, M.D.	2017	Current Pharmaceutical Design	23	16	2314-2320	2.61
Preparation and characterization of metoprolol tartrate containing matrix type transdermal drug delivery system	Malipeddi, V.R., Awasthi, R., Ghisleni, D.D.M., de Souza Braga, M., Kikuchi, I.S., de Jesus Andreoli Pinto, T., Dua, K.	2017	Drug Delivery and Translational Research	7	1	66-76	3.1
Algae star polymers with poly(β -amino acid) as arms for phosphate scale inhibition	Modgil, T., Singh, P., Chauhan, K.	2017	Trends in Carbohydrate Research	9	1	52-63	-
Developing heat transfer and friction loss in an impingement jets solar air heater with multiple arc protrusion obstacles	Nadda, R., Kumar, A., Maithani, R.	2017	Solar Energy	158	-	117-131	4.89
Effect of multiple arc protrusion ribs on heat transfer and fluid flow of a circular-jet impingement solar air passage	Nadda, R., Maithani, R., Kumar, A.	2017	Chemical Engineering and Processing: Process Intensification	120	-	114-133	3.09
Flavone analogues as antimicrobial agents	Naik, K.K., Thangavel, S., Alam, A., Kumar, S.	2017	Recent Patents on Inflammation and Allergy Drug Discovery	11	1	53-63	1.23
Lab on paper chip integrated with Si@GNRs for electroanalysis of diazepam	Narang, J., Singhal, C., Mathur, A., Khanuja, M., Varshney, A., Garg, K., Dahiya, T., Pundir, C.S.	2017	Analytica Chimica Acta	980	-	50-57	5.06
New species and new records of earthworms of the genus drawida from kerala part of the western ghats biodiversity hotspot, India (Oligochaeta, moniligastridae)	Narayanan, S.P., Sathrumithra, S., Christopher, G., Julka, J.M.	2017	ZooKeys	2017	691	Jan-18	1.09
Progress from composite materials to biocomposite materials and their applications	Naushad, M., Alfadul, S.M., Al-Muhtaseb, A.H., Sharma, G., Ponnusamy, S.K., AlOthman, Z.A., Bushra, R.	2017	Modified Biopolymers: Challenges and Opportunities	-	-	163-188	-
Niosome-based hydrogel of resveratrol for topical applications: An effective therapy for pain related disorder(s)	Negi, P., Aggarwal, M., Sharma, G., Rathore, C., Sharma, G., Singh, B., Katare, O.P.	2017	Biomedicine and Pharmacotherapy	88	-	480-487	3.39
Waste derived biochar based bio nanocomposites: Recent progress in utilization and innovations	Oswal, P., Rana, A., Veses, R.C., Kumar, A., Kumar, A.	2017	Modified Biopolymers: Challenges and Opportunities	-	-	105-	-
Surface-area-controlled synthesis of porous TiO ₂ thin films for gas-sensing applications	Park, J.Y., Kim, H.-H., Rana, D., Jamwal, D., Katoch, A.	2017	Nanotechnology	28	9	-	3.01
Targeting sonic hedgehog signaling in neurological disorders	Patel, S.S., Tomar, S., Sharma, D., Mahindroo, N., Udayabanu, M.	2017	Neuroscience and Biobehavioral Reviews	74	-	76-97	8.92
Raman and M \ddot{u} ssbauer spectroscopic studies of tungsten doped Ni \ddot{u} Zn nano ferrite	Pathania, A., Rana, K., Bhalla, N., Thakur, P., Estrela, P., Mattei, J.L., Queffelec, P., Thakur, A.	2017	Journal of Materials Science: Materials in Electronics	28	1	679-685	2.16
Microwave induced graft copolymerization of binary monomers onto luffa cylindrica fiber: Removal of congo red	Pathania, D., Sharma, A., Sethi, V.	2017	Procedia Engineering	200	-	408-415	0.89
Modified biopolymers: Challenges and opportunities	Pathania, D., Sharma, G., Kumar, A.	2017	Modified Biopolymers: Challenges and Opportunities	-	-	1-314	-
Removal of methylene blue by adsorption onto activated carbon developed from Ficus carica bast	Pathania, D., Sharma, S., Singh, P.	2017	Arabian Journal of Chemistry	10	-	S1445-S1451	2.39

Gelatin-zirconium dioxide nanocomposite as a Ni (II) selective potentiometric sensor: Heavy metal separation and photocatalysis	Pathania, D., Thakur, M., Jasrotia, S., Agarwal, S., Gupta, V.K.	2017	International Journal of Electrochemical Science	12	9	8477-8494	1.54
Alginate-Zr (IV) phosphate nanocomposite ion exchanger: Binary separation of heavy metals, photocatalysis and antimicrobial activity	Pathania, D., Thakur, M., Mishra, A.K.	2017	Journal of Alloys and Compounds	701	-	153-162	3.66
Synthesis of lactic acid@Zr(IV) phosphate nanocomposite ion exchanger for green remediation	Pathania, D., Thakur, M., Sharma, A., Agarwal, S., Gupta, V.K.	2017	Ionics	23	3	699-706	2.19
Green chemistry approach towards nanoparticle synthesis	Phougat, N., Kumar, M., Saini, R.V., Chhillar, A.K.	2017	Metabolic Engineering for Bioactive Compounds: Strategies and Processes	-	-	249-268	-
Yeast as a model system to study human diseases	Poswal, A.M., Saini, A.K.	2017	Metabolic Engineering for Bioactive Compounds: Strategies and Processes	-	-	209-220	-
Expression of nitrile hydratase gene of mutant 4D strain of Rhodococcus rhodochrous PA 34 in Pichia pastoris	Pratish, A., Seth, A., Bhalla, T.C.	2017	Biocatalysis and Biotransformation	35	1	19-26	0.86
Smart materials for smart living	Rai, R.	2017	Smart Materials for Smart Living	-	-	1-388	-
Ferroelectric and ferromagnetic properties of Bi1-X-YDYXCYFE1-YTIYO3 solid solution	Rai, R., Sharma, A., Bdikin, I., Valente, M.A., Sharma, S.	2017	Smart Materials for Smart Living	-	-	291-302	-
Magnetically retrievable Bi2WO6/Fe3O4 immobilized on graphene sand composite for investigation of photocatalytic mineralization of oxytetracycline and ampicillin	Raizada, P., Kumari, J., Shandilya, P., Dhiman, R., Pratap Singh, V., Singh, P.	2017	Process Safety and Environmental Protection	106	-	104-116	3.5
Kinetics of photocatalytic mineralization of oxytetracycline and ampicillin using activated carbon supported zno/zno4 nanocomposite in simulated wastewater	Raizada, P., Kumari, J., Shandilya, P., Singh, P.	2017	Desalination and Water Treatment	79	-	204-213	1.38
In vitro assessment of bio-augmented minerals from peanut oil cakes fermented by Aspergillus oryzae through Caco-2 cells	Sadh, P.K., Chawla, P., Bhandari, L., Kaushik, R., Duhan, J.S.	2017	Journal of Food Science and Technology	54	11	3640-3649	1.93
Miniaturization and Bandwidth Enhancement of a Microstrip Patch Antenna Using Magneto-Dielectric Materials for Proximity Fuze Application	Saini, A., Thakur, A., Thakur, P.	2017	Journal of Electronic Materials	46	3	1902-1907	1.59
Biological traits of nanocomposites: Nanofertilizers, nanopesticides, anticancer and antimicrobials	Saini, A.K., Gupta, H., Poswal, A.M., Kumari, R., Kumar, R., Saini, R.V.	2017	Modified Biopolymers: Challenges and Opportunities	-	-	189-206	-
Potential challenges and alternative approaches in metabolic engineering of bioactive compounds in industrial setup	Saini, A.K., Kalia, V.C.	2017	Metabolic Engineering for Bioactive Compounds: Strategies and Processes	-	-	405-412	-
Nanomaterial-enabled immunotherapeutic applications	Saini, R.V., Kumari, R.	2017	Metabolic Engineering for Bioactive Compounds: Strategies and Processes	-	-	319-329	-
Effect of addition of zinc ferrite on dielectric and magnetic properties of (Ba,Ca)TiO3 ceramics	Shandilya, M., Rai, R., Sharma, K., Thakur, D.	2017	Integrated Ferroelectrics	185	1	147-154	0.41
Modification of structural and electrical properties of Ca element on barium titanate nano-material synthesized by hydrothermal method	Shandilya, M., Rai, R., Zeb, A., Kumar, S.	2017	Ferroelectrics	520	1	93-109	0.66

Dielectric relaxation in B A TIO 3 -based perovskite	Shandilya, M., Thakur, S., Rai, R., Singh, J.	2017	Smart Materials for Smart Living	-	-	345-363	-
Optimizing discrete V obstacle parameters using a novel Entropy-VIKOR approach in a solar air flow channel	Sharma, A., Chauhan, R., Singh, T., Kumar, A., Kumar, R., Kumar, A., Sethi, M.	2017	Renewable Energy	106	-	310-320	5.38
A Nano-Au/C-MWCNT based label free amperometric immunosensor for the detection of capsicum chlorosis virus in bell pepper	Sharma, A., Kaushal, A., Kulshrestha, S.	2017	Archives of Virology	162	7	2047-2052	2.25
Possible applications of zinc and titanium in modern life	Sharma, A., Lal, M., Ahmad, N., Rai, R.	2017	Smart Materials for Smart Living	-	-	67-94	-
Analyzing dispersion compensation using ufbg at 100gbps over 120km using single mode fiber	Sharma, A., Sharma, S., Sharma, A., Singh, I., Bhattacharya, S.	2017	International Journal of Mechanical Engineering and Technology	8	12	1075-1082	2.13
Simulation and analysis of dispersion compensation using proposed hybrid model at 100gbps over 120km using SMF	Sharma, A., Sharma, S., Sharma, A., Singh, I., Bhattacharya, S.	2017	International Journal of Mechanical Engineering and Technology	8	12	600-607	2.13
Adsorption of polyaromatic pollutants from water system using carbon/ZnFe2O4 nanocomposite: Equilibrium, kinetic and thermodynamic mechanism	Sharma, A., Siddiqi, Z.-M., Pathania, D.	2017	Journal of Molecular Liquids	240	-	361-371	4.26
Remedial role of nanocomposite as photocatalysts, adsorbents, and disinfectants in aqueous system and their biomedical applications	Sharma, A., Sood, S., Pathania, D.	2017	Metabolic Engineering for Bioactive Compounds: Strategies and Processes	-	-	371-401	-
Microwave assisted fabrication of La/Cu/Zr/carbon dots trimetallic nanocomposites with their adsorptional vs photocatalytic efficiency for remediation of persistent organic pollutants	Sharma, G., Bhogal, S., Naushad, M., Inamuddin, , Kumar, A., Stadler, F.J.	2017	Journal of Photochemistry and Photobiology A: Chemistry	347	-	235-243	2.76
Delivery of Thermoresponsive-Tailored Mixed Micellar Nanogel of Lidocaine and Prilocaine with Improved Dermatokinetic Profile and Therapeutic Efficacy in Topical Anaesthesia	Sharma, G., Kamboj, S., Thakur, K., Negi, P., Raza, K., Katare, O.P.	2017	AAPS PharmSciTech	18	3	790-802	2.59
Pectin-crosslinked-guar gum/SPION nanocomposite hydrogel for adsorption of m-cresol and o-chlorophenol	Sharma, G., Kumar, A., Chauhan, C., Okram, A., Sharma, S., Pathania, D., Kalia, S.	2017	Sustainable Chemistry and Pharmacy	6	-	96-106	2.37
Revolution from monometallic to trimetallic nanoparticle composites, various synthesis methods and their applications: A review	Sharma, G., Kumar, D., Kumar, A., Al-Muhtaseb, A.H., Pathania, D., Naushad, M., Mola, G.T.	2017	Materials Science and Engineering C	71	-	1216-1230	5.02
Fabrication and characterization of chitosan-crosslinked-poly(alginic acid) nanohydrogel for adsorptive removal of Cr(VI) metal ion from aqueous medium	Sharma, G., Naushad, M., Al-Muhtaseb, A.H., Kumar, A., Khan, M.R., Kalia, S., Shweta, , Bala, M., Sharma, A.	2017	International Journal of Biological Macromolecules	95	-	484-493	4.11
Efficient removal of coomassie brilliant blue R-250 dye using starch/poly(alginic acid-cl-acrylamide) nanohydrogel	Sharma, G., Naushad, M., Kumar, A., Rana, S., Sharma, S., Bhatnagar, A., J. Stadler, F., Ghfar, A.A., Khan, M.R.	2017	Process Safety and Environmental Protection	109	-	301-310	3.5
Fabrication and characterization of sodium dodecyl sulphate@ironsilicophosphate nanocomposite: Ion exchange properties and selectivity for binary metal ions	Sharma, G., Thakur, B., Naushad, M., Al-Muhtaseb, A.H., Kumar, A., Sillanpaa, M., Mola, G.T.	2017	Materials Chemistry and Physics	193	-	129-139	2.18
Micropropagation and phytochemical profile analysis of tissue culture grown Plantago ovata Forsk	Sharma, M., Kumari, A., Mahant, E.	2017	Asian Journal of Pharmaceutical and Clinical Research	10	4	202-206	0.49

Development and validation of stability indicating RP-HPLC method for determination of Î²-acetyldigoxin	Sharma, M., Mahindroo, N.	2017	International Journal of Applied Pharmaceutics	9	1	54-59	1.35
Ggum-poly(Itaconic Acid) Based Superabsorbents Via Two-Step Free-Radical Aqueous Polymerization for Environmental and Antibacterial Applications	Sharma, R., Kalia, S., Kaith, B.S., Kumar, A., Thakur, P., Pathania, D., Srivastava, M.K.	2017	Journal of Polymers and the Environment	25	2	176-191	2.14
Thiourea functionalized Î²-cyclodextrin as green reducing and stabilizing agent for silver nanocomposites with enhanced antimicrobial and antioxidant properties	Sharma, R., Singh, P., Dharela, R., Chauhan, G.S., Chauhan, K.	2017	New Journal of Chemistry	41	21	12645-12654	3.24
Characterization of keratin microparticles from feather biomass with potent antioxidant and anticancer activities	Sharma, S., Gupta, A., Chik, S.M.S.T., Kee, C.G., Mistry, B.M., Kim, D.H., Sharma, G.	2017	International Journal of Biological Macromolecules	104	-	189-196	4.11
Effect of nitrogen source and citric acid addition on wine preparation from Japanese persimmon	Sharma, S., Mahant, K., Sharma, S., Thakur, A.D.	2017	Journal of the Institute of Brewing	123	1	144-150	0.99
Pharmacological evaluation of aqueous extract of syzigium cumini for its antihyperglycemic and antidyslipidemic properties in diabetic rats fed a high cholesterol diet”Role of PPARÎ³ and PPARÎ±	Sharma, S., Pathak, S., Gupta, G., Sharma, S.K., Singh, L., Sharma, R.K., Mishra, A., Dua, K.	2017	Biomedicine and Pharmacotherapy	89	-	447-453	3.39
Biobased-nanocomposites for food packaging applications	Sharma, S., Sharma, G., Inamuddin, , Al-Romaizan, A.N., Asiri, A.M.	2017	Modified Biopolymers: Challenges and Opportunities	-	-	207-	-
Role of Saccharomyces cerevisiae TAN1 (tRNA acetyltransferase) in eukaryotic initiation factor 2B (eIF2B)-mediated translation control and stress response	Sharma, S., Sourirajan, A., Dev, K.	2017	3 Biotech	7	3	-	2.23
In vitro assessment of antileishmanial activity of natamycin and nystatin	Sidana, A., Negi, A.K., Farooq, U.	2017	Brazilian Archives of Biology and Technology	60	-	-	0.97
Biopolymer driven hydrogels and their diverse applications: A review	Siddiqi, Z.M., Gupta, D.	2017	Modified Biopolymers: Challenges and Opportunities	-	-	83-104	-
Effect of square wings in multiple square perforated twisted tapes on fluid flow and heat transfer of heat exchanger tube	Singh Suri, A.R., Kumar, A., Maithani, R.	2017	Case Studies in Thermal Engineering	10	-	28-43	3.26
Metallophilic interactions and structure-stability relationship with secondary interactions in [ZnX] â” based hybrid derivatives	Singh, B., Thakur, A., Kumar, M., Jasrotia, D.	2017	Materials Chemistry and Physics	196	-	52-61	2.18
Structural and optical properties of inorganic”organic hybrid material of acetanilide tetrachloromercurate(II)	Singh, B., Thakur, A., Kumar, M., Verma, S.K., Jasrotia, D.	2017	Journal of Materials Science: Materials in Electronics	28	14	10007-10011	2.16
Biosynthesis, characterization and antibacterial activity of silver nanoparticles using an endophytic fungal supernatant of Raphanus sativus	Singh, T., Jyoti, K., Patnaik, A., Singh, A., Chauhan, R., Chandel, S.S.	2017	Journal of Genetic Engineering and Biotechnology	15	1	31-39	1.58
Assessment of braking performance of lapinus”wollastonite fibre reinforced friction composite materials	Singh, T., Patnaik, A., Chauhan, R., Rishiraj, A.	2017	Journal of King Saud University - Engineering Sciences	29	2	183-190	2.48
Influence of wollastonite shape and amount on tribo-performance of non-asbestos organic brake friction composites	Singh, T., Tiwari, A., Patnaik, A., Chauhan, R., Ali, S.	2017	Wear	386-387	-	157-164	3.31

M-type barium nanohexaferrite material: A novel entrant for storage enrichment and high frequency applications	Singh, V.P., Kumar, G., Dwivedi, R., Battoo, K.M., Kotnala, R.K., Singh, M.	2017	Smart Materials for Smart Living	-	-	303-336	-
Calcitonin gene-related peptide (CGRP): A novel target for Alzheimer's disease	Singh, Y., Gupta, G., Shrivastava, B., Dahiya, R., Tiwari, J., Ashwathanarayana, M., Sharma, R.K., Agrawal, M., Mishra, A., Dua, K.	2017	CNS Neuroscience and Therapeutics	23	6	457-461	3.14
Structural, magnetic and Mössbauer studies of Nd-doped Mg-Mn ferrite nanoparticles	Somnath, , Sharma, I., Kotnala, R.K., Singh, M., Kumar, A., Dhiman, P., Singh, V.P., Verma, K., Kumar, G.	2017	Journal of Magnetism and Magnetic Materials	444	-	77-86	2.97
Controlled release of antibiotic amoxicillin drug using carboxymethyl cellulose-cl-poly(lactic acid-co-itaconic acid) hydrogel	Sood, S., Gupta, V.K., Agarwal, S., Dev, K., Pathania, D.	2017	International Journal of Biological Macromolecules	101	-	612-620	4.11
Ethanol sensing properties and dominant sensing mechanism of NiO-decorated SnO ₂ nanorod sensors	Sun, G.-J., Lee, J.K., Lee, W.I., Dwivedi, R.P., Lee, C., Ko, T.	2017	Electronic Materials Letters	13	3	260-269	2.15
Heat transfer enhancement of heat exchanger tube with multiple square perforated twisted tape inserts: Experimental investigation and correlation development	Suri, A.R.S., Kumar, A., Maithani, R.	2017	Chemical Engineering and Processing - Process Intensification	116	-	76-96	3.09
Enzymatic modification of ramie fibers and its influence on the performance of ramie-poly(butylene succinate) biocomposites	Thakur, K., Kalia, S.	2017	International Journal of Plastics Technology	21	1	209-226	0.95
Efficient photocatalytic degradation of toxic dyes from aqueous environment using gelatin-Zr(IV) phosphate nanocomposite and its antimicrobial activity	Thakur, M., Sharma, G., Ahamad, T., Ghfar, A.A., Pathania, D., Naushad, M.	2017	Colloids and Surfaces B: Biointerfaces	157	-	456-463	4.24
Organic farming, food quality, and human health: A trisection of sustainability and a move from pesticides to eco-friendly biofertilizers	Thakur, N.	2017	Probiotics in Agroecosystem	-	-	491-515	-
Integrated approach for the management of differential patterns of diseases and pest incidence in lychee	Thakur, N.	2017	Lychee Disease Management	-	-	265-277	-
Increased soil-microbial-eco-physiological interactions and microbial food safety in tomato under organic strategies	Thakur, N.	2017	Probiotics and Plant Health	-	-	215-232	-
Development of double perovskite electroceramics	Thakur, S., Shandilya, M., Rai, R.	2017	Smart Materials for Smart Living	-	-	137-172	-
Biosynthesis of nanoparticles using plant extracts	Thakur, S., Thakur, S., Shandilya, M., Lal, M., Rai, R.	2017	Smart Materials for Smart Living	-	-	365-382	-
A Comparison of mango kernel starch with a novel starch from litchi (Litchi chinensis) kernel: Physicochemical, morphological, pasting, and rheological properties	Thory, R., Sandhu, K.S.	2017	International Journal of Food Properties	20	4	911-921	1.7
Recent update on biological activities and pharmacological actions of liraglutide	Tiwari, J., Gupta, G., Dahiya, R., Pabreja, K., Sharma, R.K., Mishra, A., Dua, K.	2017	EXCLI Journal	16	-	742-747	2.17
Bio-inspired polymer composites: Robust biomedical application podium	Torino, E., Jamwal, D., Sood, K., Singh, V.P., Singh, P., Thakur, P.	2017	Modified Biopolymers: Challenges and Opportunities	-	-	261-284	-
Evaluation of in vitro and in vivo anti-urolithiatic activity of silver nanoparticles containing aqueous leaf extract of <i>Tragia involucrata</i>	Velu, V., Das, M., Raj N, A.N., Dua, K., Malipeddi, H.	2017	Drug Delivery and Translational Research	7	3	439-449	3.1

Subcellular localization based comparative study on radioresistant bacteria: A novel approach to mine proteins involve in radioresistance	Vishambra, D., Srivastava, M., Dev, K., Jaiswal, V.	2017	Computational Biology and Chemistry	69	-	1-Sep	1.55
Anti-inflammatory and analgesic activity of methanolic and hydroalcoholic extract of <i>Myrsine africana</i> L. fruits	Abbhi, V., Joseph, L., Jena, A.K., George, M.	2016	Natural Products Journal	6	1	56-61	0.29
Turmeric/polyvinyl alcohol Th(IV) phosphate electrospun fibers: Synthesis, characterization and antimicrobial studies	Ahamed, M.I., Inamuddin, , Lutfullah, , Sharma, G., Khan, A., Asiri, A.M.	2016	Journal of the Taiwan Institute of Chemical Engineers	68	-	407-414	3.7
Toxicity of inorganic nanoparticles used in targeted drug delivery and other biomedical application: An updated account on concern of biomedical nanotoxicology	Ahmad, M.Z., Abdel-Wahab, B.A., Alam, A., Zafar, S., Ahmad, J., Ahmad, F.J., Midoux, P., Pichon, C., Akhter, S.	2016	Journal of Nanoscience and Nanotechnology	16	8	7873-7897	-
Batch and fed-batch production of acetohydroxamic acid using amidase of hyperinduced cells of <i>Rhodococcus pyridinivorans</i> NIT-36	Ansu, K., Poonam, S., Attri, C.S., Amit, S.	2016	Research Journal of Chemistry and Environment	20	7	35-47	0.2
Mycobiont mediated in vitro seed germination of an endangered 'Fox-tail' Orchid, <i>Rhynchostylis retusa</i> (L.) blume	Bhatti, S.K., Verma, J., Sembi, J.K., Kumar, A.	2016	Journal of Pure and Applied Microbiology	10	1	663-670	0.14
Comparative antioxidant potential of leaves and fruit extracts of <i>Terminalia bellerica</i> Roxb from Himachal Pradesh	Chandel, S.R., Dev, K., Khosla, P.K.	2016	International Journal of Pharmaceutical Sciences Review and Research	38	1	216-222	-
An efficient data mining classification approach for detecting lung cancer disease	Chauhan, D., Jaiswal, V.	2016	Proceedings of the International Conference on Communication and Electronics Systems, ICCES 2016	-	-	-	-
An Efficient and Regenerable Quaternary Starch for Removal of Nitrate from Aqueous Solutions	Chauhan, K., Kaur, J., Singh, P., Sharma, P., Sharma, P., Chauhan, G.S.	2016	Industrial and Engineering Chemistry Research	55	9	2507-2519	3.4
Chitosan-thiomer stabilized silver nano-composites for antimicrobial and antioxidant applications	Chauhan, K., Sharma, R., Dharela, R., Chauhan, G.S., Singhal, R.K.	2016	RSC Advances	6	79	75453-75464	3.01
Investigation of the thermal performance of solar thermal collector provided with impinging air jets	Chauhan, R., Singh, T., Thakur, N.S.	2016	Advanced Science Letters	22	11	3928-3932	-
Optimization of parameters in solar thermal collector provided with impinging air jets based upon preference selection index method	Chauhan, R., Singh, T., Thakur, N.S., Patnaik, A.	2016	Renewable Energy	99	-	118-126	5.38
Comparative study of hierarchy energy protocol in wireless sensor network	Chauhan, T., Nayyer, M.	2016	Proceedings of the International Conference on Communication and Electronics Systems, ICCES 2016	-	-	-	-
A plasmonic switch using metal-insulator transition in VO ₂	Dwivedi, R.P., Sharma, D., Lee, C., Vaidya, T.	2016	Journal of Optoelectronics and Advanced Materials	18	3-Apr	207-212	0.42
On Ranking in Triangular Intuitionistic Fuzzy Multi-criteria Decision Making under ($\hat{\mu}$, $\hat{\rho}$)-cut with 'Useful' Parametric Entropy	Gandotra, N., Bajaj, R.K., Mathew, J.	2016	Proceedings - 2015 5th International Conference on Advances in Computing and Communications, ICACC 2015	-	-	69-74	-
Solar photocatalytic mineralization of antibiotics using magnetically separable NiFe ₂ O ₄ supported onto graphene sand composite and bentonite	Gautam, S., Shandilya, P., Singh, V.P., Raizada, P., Singh, P.	2016	Journal of Water Process Engineering	14	-	86-100	4
Amyloid beta plaque: a culprit for neurodegeneration	Gupta, A., Goyal, R.	2016	Acta Neurologica Belgica	116	4	445-450	0.74

Bioactive fraction from datura stramonium linn. Promotes human immune cells mediated cytotoxicity towards lung and breast cancer cells	Gupta, A., Kumar, S., Mahindroo, N., Saini, R.V.	2016	Pharmacognosy Journal	8	5	435-439	0.41
Analysis of plant growth promoting potential of endophytes isolated from Echinacea purpurea and Lonicera japonica	Gupta, H., Saini, R.V., Pagadala, V., Kumar, N., Sharma, D.K., Saini, A.K.	2016	Journal of Soil Science and Plant Nutrition	16	3	558-577	2.22
Characterization of a bioactive compound from Tinospora cardifolia having activity against wide range of bacteria and fungi	Gupta, P., Kulshrestha, S.	2016	Journal of Pure and Applied Microbiology	10	1	701-711	0.14
Halophilic Bacteria of Lunsu Produce an Array of Industrially Important Enzymes with Salt Tolerant Activity	Gupta, S., Sharma, P., Dev, K., Sourirajan, A.	2016	Biochemistry Research International	2016	-	-	1.67
Fabrication of chitosan-g-poly(acrylamide)/Cu nanocomposite for the removal of Pb(II) from aqueous solutions	Gupta, V.K., Gupta, D., Agarwal, S., Kothiyal, N.C., Asif, M., Sood, S., Pathania, D.	2016	Journal of Molecular Liquids	224	-	1319-1325	4.26
Isolation and characterization of extracellular lipase producing bacterial isolates from effluent waste of paint industry	Hangloo, S., Sourirajan, A., Raina, C., Chaubey, A., Dev, K.	2016	Current Trends in Biotechnology and Pharmacy	10	3	261-273	0.18
Array of bis-quaternary ammonium surfactant tailored Cu(2-x)Te quantum dots with amended functional assets	Jamwal, D., Rana, D., Pathak, D., Raizada, P., Thakur, P.	2016	RSC Advances	6	17	13981-13990	3.01
Well-defined quantum dots and broadening of optical phonon line from hydrothermal method	Jamwal, D., Rana, D., Singh, P., Pathak, D., Kalia, S., Thakur, P., Torino, E.	2016	RSC Advances	6	104	102010-102014	3.01
Specific Features of Table Wine Production Technology	Joshi, V.K., Attri, B.L., Joshi, V.K., Panesar, P.S., Abrol, G.S., Joshi, V.K., Sharma, S., Thakur, A.D., Selli, S., Kelebek, H., Panesar, P.S., Reddy, L.V., Joshi, V.K., Panesar, P.S.	2016	Science and Technology of Fruit Wine Production	-	-	295-461	-
Wines: White, Red, Sparkling, Fortified, and Cider	Joshi, V.K., Sharma, S., Thakur, A.D.	2016	Current Developments in Biotechnology and Bioengineering: Food and Beverages Industry	-	-	353-406	-
Isolation and analysis of genetic diversity amongst Sclerotinia sclerotiorum isolates infecting cauliflower and pea	Kapatia, A., Gupta, T., Sharma, M., Khan, A., Kulshrestha, S.	2016	Indian Journal of Biotechnology	15	4	589-595	0.51
Homology modelling of frequent HLA class-II alleles: A perspective to improve prediction of HLA binding peptide and understand the HLA associated disease susceptibility	Kashyap, M., Farooq, U., Jaiswal, V.	2016	Infection, Genetics and Evolution	44	-	234-244	2.67
Certain 4-iminoflavones derivatives: Synthesis, docking studies, antiasthmatic and antimicrobial agents	Khah, S., Goyal, R., Chabba, A., Jaiswal, V., Sharma, G., Naushad, Mu.	2016	Asian Journal of Chemistry	28	8	1687-1696	0.21
Enhanced H ₂ S sensing performance of TiO ₂ -decorated $\hat{\Gamma}$ -Fe ₂ O ₃ nanorod sensors	Kheel, H., Sun, G.-J., Lee, J.K., Lee, S., Dwivedi, R.P., Lee, C.	2016	Ceramics International	42	16	18597-18604	2.85
Magnetically recoverable ZrO ₂ /Fe ₃ O ₄ /chitosan nanomaterials for enhanced sunlight driven photoreduction of carcinogenic Cr(VI) and dechlorination & mineralization of 4-chlorophenol from simulated waste water	Kumar, A., Guo, C., Sharma, G., Pathania, D., Naushad, M., Kalia, S., Dhiman, P.	2016	RSC Advances	6	16	13251-13263	3.01

Development of antioxidant rich fruit supplemented probiotic yogurts using free and microencapsulated Lactobacillus rhamnosus culture	Kumar, A., Kumar, D.	2016	Journal of Food Science and Technology	53	1	667-675	1.93
Numerical optimization of the thermal performance of a solar air channel having discrete multi V-rib roughness on the absorber plate	Kumar, A., Saini, R.P., Saini, J.S.	2016	Heat Transfer Research	47	5	449-469	0.88
Numerical simulation of effective efficiency of a discrete multi V-pattern rib solar air channel	Kumar, A., Saini, R.P., Saini, J.S.	2016	Heat and Mass Transfer/Waerme- und Stoffuebertragung	52	10	2051-2065	1.34
Performance evaluation of discrete multi V-down pattern rib solar air channel	Kumar, A., Saini, R.P., Saini, J.S.	2016	Journal of Enhanced Heat Transfer	23	5	393-411	0.33
Ab initio calculation of electron transport in armchair graphane nano structure containing graphene quantum dot	Kumar, N., Sharma, J.D., Ahluwalia, P.K.	2016	Indian Journal of Pure and Applied Physics	54	7	427-430	0.73
Experimental investigation of effect of flow attack angle on thermohydraulic performance of air flow in a rectangular channel with discrete V-pattern baffle on the heated plate	Kumar, R., Chauhan, R., Sethi, M., Sharma, A., Kumar, A.	2016	Advances in Mechanical Engineering	8	5	1-Dec	0.91
Heat transfer enhancement in solar air channel with broken multiple V-type baffle	Kumar, R., Kumar, A., Chauhan, R., Sethi, M.	2016	Case Studies in Thermal Engineering	8	-	187-197	3.26
Synthesis and Use of Low-Band-Gap ZnO Nanoparticles for Water Treatment	Kumar, S., Thakur, A., Rangra, V.S., Sharma, S.	2016	Arabian Journal for Science and Engineering	41	7	2393-2398	1.15
Optimized design of three phase squirrel cage induction motor based on maximum efficiency operating under the rated voltage - based on software platform	Kumar, S.R., Kumar, S.D., Rajeev, G., Piush, V.	2016	Indian Journal of Science and Technology	9	21	-	-
Gender specific variation of two phenolic glycosides (Populin and salicin) in populus ciliata and identification of a new compound (cinnamoyl-salicin)	Kumari, A., Upadhyay, N.K., Khosla, P.K.	2016	International Journal of Pharmacy and Pharmaceutical Sciences	8	12	156-162	-
Quinazolines as apoptosis inducers and inhibitors: A review of patent literature	Mehndiratta, S., Sapra, S., Singh, G., Singh, M., Nepali, K.	2016	Recent Patents on Anti-Cancer Drug Discovery	11	1	Feb-66	2.59
Evaluation of phytochemicals and synergistic interaction between plant extracts and antibiotics for efflux pump inhibitory activity against Salmonella enterica serovar Typhimurium strains	Mehta, J., Jandaik, S., Urmila,	2016	International Journal of Pharmacy and Pharmaceutical Sciences	8	10	217-223	-
Fabrication of MWCNTs/ThO2nanocomposite and its adsorption behavior for the removal of Pb(II) metal from aqueous medium	Mittal, A., Naushad, M., Sharma, G., Alothman, Z.A., Wabaidur, S.M., Alam, M.	2016	Desalination and Water Treatment	57	46	21863-21869	1.38
Cytotoxicity and anti-inflammatory activity of flavonoid derivatives targeting NF-kappaB	Naik, K.K., Thangavel, S., Alam, A.	2016	Recent Patents on Inflammation and Allergy Drug Discovery	10	2	119-132	1.23
Checklist of the earthworms (Oligochaeta) of Kerala, a constituent of Western Ghats biodiversity hotspot, India	Narayanan, S.P., Sathrumithra, S., Christopher, G., Thomas, A.P., Julka, J.M.	2016	Zootaxa	4193	1	117-137	0.94
Synthesis and characterization of a new starch/SnO2 nanocomposite for efficient adsorption of toxic Hg2+ metal ion	Naushad, M., Ahamad, T., Sharma, G., Al-Muhtaseb, A.H., Albadarin, A.B., Alam, M.M., ALOthman, Z.A., Alshehri, S.M., Ghfar, A.A.	2016	Chemical Engineering Journal	300	-	306-316	7.01

Dubinin-radushkevich (DR) isotherm studies of equilibrium sorption of metal ions onto phosphoric acid modified rice-husk	Naushad, M., Sharma, G., Al-Muhtaseb, A.H., Gaur, R.Z.	2016	Heavy Metals: Sources, Toxicity and Remediation Techniques	-	-	231-250	-
Adsorption kinetics, isotherms, and thermodynamic studies for Hg ²⁺ adsorption from aqueous medium using alizarin red-S-loaded amberlite IRA-400 resin	Naushad, M., Vasudevan, S., Sharma, G., Kumar, A., Allothman, Z.A.	2016	Desalination and Water Treatment	57	39	18551-18559	1.38
A first attempt to develop a diabetes prediction method based on different global datasets	Negi, A., Jaiswal, V.	2016	2016 4th International Conference on Parallel, Distributed and Grid Computing, PDGC 2016	-	-	237-241	-
A study of molecular characterization of the trimethoprim resistant Salmonella typhi strains prevalent in Himachal Pradesh	Neha, , Azhar Khan, M., Farooq, U.	2016	International Journal of Bio-Science and Bio-Technology	8	3	101-108	-
Urtica dioica leaves modulates hippocampal smoothed-glioma associated oncogene-1 pathway and cognitive dysfunction in chronically stressed mice	Patel, S.S., Mahindroo, N., Udayabanu, M.	2016	Biomedicine and Pharmacotherapy	83	-	676-686	3.39
Heavy metals: Sources, toxicity and remediation techniques	Pathania, D.	2016	Heavy Metals: Sources, Toxicity and Remediation Techniques	-	-	1-310	-
Fabrication of chitosan-g-poly(acrylamide)/CuS nanocomposite for controlled drug delivery and antibacterial activity	Pathania, D., Gupta, D., Agarwal, S., Asif, M., Gupta, V.K.	2016	Materials Science and Engineering C	64	-	428-435	5.02
Photocatalytic degradation of highly toxic dyes using chitosan-g-poly(acrylamide)/ZnS in presence of solar irradiation	Pathania, D., Gupta, D., Al-Muhtaseb, A.H., Sharma, G., Kumar, A., Naushad, M., Ahamad, T., Alshehri, S.M.	2016	Journal of Photochemistry and Photobiology A: Chemistry	329	-	61-68	2.76
Preparation of a novel chitosan-g-poly(acrylamide)/Zn nanocomposite hydrogel and its applications for controlled drug delivery of ofloxacin	Pathania, D., Gupta, D., Kothiyal, N.C., sharma, G., Eldesoky, G.E., Naushad, M.	2016	International Journal of Biological Macromolecules	84	-	340-348	4.11
Enhanced photocatalytic activity of electrochemically synthesized aluminum oxide nanoparticles	Pathania, D., Katwal, R., Kaur, H.	2016	International Journal of Minerals, Metallurgy and Materials	23	3	358-371	1.43
Fabrication, characterization and cytotoxicity of guar gum/copper oxide nanocomposite: Efficient removal of organic pollutant	Pathania, D., Katwal, R., Sharma, G.	2016	Materials Science Forum	842	-	88-102	0.3
Novel guar gum/Al ₂ O ₃ nanocomposite as an effective photocatalyst for the degradation of malachite green dye	Pathania, D., Katwal, R., Sharma, G., Naushad, M., Khan, M.R., Al-Muhtaseb, A.H.	2016	International Journal of Biological Macromolecules	87	-	366-374	4.11
Removal of congo red dye from aqueous system using Phoenix dactylifera seeds	Pathania, D., Sharma, A., Siddiqi, Z.-M.	2016	Journal of Molecular Liquids	219	-	359-367	4.26
A biopolymer-based hybrid cation exchanger pectin cerium(IV) iodate: synthesis, characterization, and analytical applications	Pathania, D., Sharma, G., Naushad, M., Priya, V.	2016	Desalination and Water Treatment	57	1	468-475	1.38
Adsorptional photocatalytic mineralization of oxytetracycline and ampicillin antibiotics using Bi ₂ O ₃ /BiOCl supported on graphene sand composite and chitosan	Priya, B., Raizada, P., Singh, N., Thakur, P., Singh, P.	2016	Journal of Colloid and Interface Science	479	-	271-283	4.85
Photocatalytic mineralization and degradation kinetics of ampicillin and oxytetracycline antibiotics using graphene sand composite and chitosan supported BiOCl	Priya, B., Shandilya, P., Raizada, P., Thakur, P., Singh, N., Singh, P.	2016	Journal of Molecular Catalysis A: Chemical	423	-	400-413	3.96

Lipid-based vesicular nanocargoes as nanotherapeutic targets for the effective management of rheumatoid arthritis	Rahman, M., Beg, S., Sharma, G., Saini, S., Rub, R.A., Aneja, P., Anwar, F., Alam, M.A., Kumar, V.	2016	Recent Patents on Anti-Infective Drug Discovery	11	1	Mar-15	0.99
Solar light induced photodegradation of oxytetracycline using Zr doped TiOTiO ₂ /CaO based nanocomposite	Raizada, P., Priya, B., Thakur, P., Singh, P.	2016	Indian Journal of Chemistry - Section A Inorganic, Physical, Theoretical and Analytical Chemistry	55A	-	803-809	0.55
Preparation and photocatalytic activity of hydroxyapatite supported BiOCl nanocomposite for oxytetracycline removal	Raizada, P., Gautam, S., Priya, B., Singh, P.	2016	Advanced Materials Letters	7	4	312-318	-
Eicosyl ammoniums elicited thermal reduction alleyway towards gold nanoparticles and their chemo-sensor aptitude	Rana, D., Jamwal, D., Katoch, A., Thakur, P., Kalia, S.	2016	Analyst	141	7	2208-2217	3.8
Influence of samarium doping on magnetic and structural properties of M type Ba-Co hexaferrite	Rana, K., Thakur, P., Thakur, A., Tomar, M., Gupta, V., Mattei, J.L., Queffelec, P.	2016	Ceramics International	42	7	8413-8418	2.85
Structural and magnetic properties of Ni-Zn doped BaM nanocomposite via citrate precursor	Rana, K., Thakur, P., Tomar, M., Gupta, V., Thakur, A.	2016	AIP Conference Proceedings	1731	-	-	0.26
Theory and circuit modeling of baseband and modulated signal delay compensations with low- and band-pass NGD effects	Ravelo, B., Lall@ch@re, S., Thakur, A., Saini, A., Thakur, P.	2016	AEU - International Journal of Electronics and Communications	70	9	1122-1127	2.46
Impact of sterilization methods on electrospun scaffolds for tissue engineering	Redigueri, C.F., Sassonia, R.C., Dua, K., Kikuchi, I.S., de Jesus Andreoli Pinto, T.	2016	European Polymer Journal	82	-	181-195	3.7
Acetic acid fermented food products	Rosma, A., Nadiah, A.H.S., Raj, A., Tanasupawat, S., Sharma, S., Joshi, V.K.	2016	Indigenous Fermented Foods of South Asia	-	-	597-643	-
Magneto-dielectric properties of doped ferrite based nanosized ceramics over very high frequency range	Saini, A., Kumar, P., Ravelo, B., Lallechere, S., Thakur, A., Thakur, P.	2016	Engineering Science and Technology, an International Journal	19	2	911-916	4.04
Dielectric parameter estimation of novel magneto-dielectric substrate based microstrip antenna	Saini, A., Kumar, P., Ravelo, B., Thakur, A., Thakur, P.	2016	AIP Conference Proceedings	1731	-	-	0.26
Low loss composite nano ferrite with matching permittivity and permeability in UHF band	Saini, A., Rana, K., Thakur, A., Thakur, P., Mattei, J.L., Queffelec, P.	2016	Materials Research Bulletin	76	-	94-99	2.74
Matching permeability and permittivity of Ni _{0.5} Zn _{0.3} Co _{0.2} In _{0.1} Fe _{1.9} O ₄ ferrite for substrate of large bandwidth miniaturized antenna	Saini, A., Thakur, A., Thakur, P.	2016	Journal of Materials Science: Materials in Electronics	27	3	2816-2823	2.16
Effective Permeability and Miniaturization Estimation of Ferrite-loaded Microstrip Patch Antenna	Saini, A., Thakur, A., Thakur, P.	2016	Journal of Electronic Materials	45	8	4162-4170	1.59
PH triggered delivery of curcumin from Eudragit-coated chitosan microspheres for inflammatory bowel disease: Characterization and pharmacodynamic evaluation	Sareen, R., Jain, N., Rajkumari, A., Dhar, K.L.	2016	Drug Delivery	23	1	55-62	2.65

Indigenous fermented foods involving acid fermentation	Senapati, A.K., Pandey, A., Ann, A., Raj, A., Gupta, A., Das, A.J., Renuka, B., Neopany, B., Raj, D., Angchok, D., Chye, F.Y., Vyas, G., Prajapati, J.P., Kabir, J., Maneesri, J., Sandhu, K.S., Sim, K.Y., Targais, K., Reddy, L.V.A., Badwaik, L.S., Palni, L.M.S., Preema Devi, M., Swain, M.R., Reza, M.S., Sharma, N., Borah, P.K., Ray, R.C., Prapulla, S.G., Pinto, S.V., Deka, S.C., Sharma, S., Kumar, S., Stobdan, T., Joshi, V.K.	2016	Indigenous Fermented Foods of South Asia	-	-	431-500	-
Chemical profiling, antioxidant and antibacterial properties of Cotinus coggygria essential oil from Western Himalaya	Shagun, S., Sujata, B., Manjul, S.	2016	International Journal of Pharmacognosy and Phytochemical Research	8	7	1183-1186	-
Study of the structural and electrical behavior of Bi(Mg,Ti)O ₃ modified (Ba,Ca)TiO ₃ ceramics	Shamim, M.K., Sharma, S., Singh, A., Rai, R., Rani, R.	2016	Journal of Advanced Dielectrics	6	4	-	0.87
Review: Hydrothermal technology for smart materials	Shandilya, M., Rai, R., Singh, J.	2016	Advances in Applied Ceramics	115	6	354-376	1.15
Experimental brain ischemic preconditioning: A concept to putative targets	Sharma, A., Goyal, R.	2016	CNS and Neurological Disorders - Drug Targets	15	4	489-495	2.14
Do Circadian Rhythms Draw the Patterns of Sustained Mental Vigor and Ailment?	Sharma, A., Goyal, R.	2016	Drug Development Research	77	8	469-473	2.11
Cross tolerance: A tread to decipher the code of endogenous global cerebral resistance	Sharma, A., Goyal, R.	2016	Neural Regeneration Research	11	5	719-720	1.54
Potential biological efficacy of Pinus plant species against oxidative, inflammatory and microbial disorders	Sharma, A., Goyal, R., Sharma, L.	2016	BMC Complementary and Alternative Medicine	16	1	-	2.59
Molecular characterization of tospoviruses associated with ringspot disease in bell pepper from different districts of Himachal Pradesh	Sharma, A., Kulshrestha, S.	2016	VirusDisease	27	2	188-192	1.21
Exclusion of organic dye using neoteric activated carbon prepared from Cornulaca monacantha stem: Equilibrium and thermodynamics studies	Sharma, A., Sharma, G., Kumar, A., Siddiqi, Z.M., Pathania, D.	2016	Materials Science Forum	875	-	Jan-15	0.3
Estimation of arsenic(III) in organic arsines and its complexes using potassium bromate and potassium iodate as oxidants	Sharma, A., Sharma, G., Naushad, Mu., Pathania, D.	2016	Journal of the Chilean Chemical Society	61	2	2940-2948	0.57
Advance ultra-sensitive multi-layered nano plasmonic devices for label free biosensing targeting immunodiagnosics	Sharma, D., Dwivedi, R.P.	2016	Proceedings of SPIE - The International Society for Optical Engineering	9930	-	-	0.43
Fabrication and characterization of Fe@MoPO nanoparticles: Ion exchange behavior and photocatalytic activity against malachite green	Sharma, G., Gupta, V.K., Agarwal, S., Kumar, A., Thakur, S., Pathania, D.	2016	Journal of Molecular Liquids	219	-	1137-1143	4.26
Photoremediation of toxic dye from aqueous environment using monometallic and bimetallic quantum dots based nanocomposites	Sharma, G., Kumar, A., Naushad, M., Kumar, A., Al-Muhtaseb, A.H., Dhiman, P., Ghfar, A.A., Stadler, F.J., Khan, M.R.	2016	Journal of Cleaner Production	172	-	2919-2930	5.79

Polyacrylamide@Zr(IV) vanadophosphate nanocomposite: Ion exchange properties, antibacterial activity, and photocatalytic behavior	Sharma, G., Kumar, A., Naushad, M., Pathania, D., Sillanpää, M.	2016	Journal of Industrial and Engineering Chemistry	33	-	201-208	4.53
A multifunctional nanocomposite pectin thorium(IV) tungstomolybdate for heavy metal separation and photoremediation of malachite green	Sharma, G., Naushad, M., Pathania, D., Kumar, A.	2016	Desalination and Water Treatment	57	41	19443-19455	1.38
Classification and development of tool for heart diseases (MRI images) using machine learning	Sharma, L., Gupta, G., Jaiswal, V.	2016	2016 4th International Conference on Parallel, Distributed and Grid Computing, PDGC 2016	-	-	219-224	-
Standardization of a polyherbal preparation (Polak-6) for treatment of oxidative, inflammatory and immune disorders	Sharma, L., Sharma, A., Gupta, G.L.	2016	International Journal of Pharmacy and Pharmaceutical Sciences	8	4	129-134	-
Diacylglycerol acyl transferase: A pathogenicity related gene in Colletotrichum gloeosporioides	Sharma, M., Guleria, S., Kulshrestha, S.	2016	Journal of Basic Microbiology	56	11	1308-1315	1.61
Analysis of genetic diversity amongst Fusarium spp. Associated with root rot of apple	Sharma, M., Kapatia, A., Kulshrestha, S.	2016	Biosciences Biotechnology Research Asia	13	1	463-468	-
Stability-indicating HPLC method for determination of 7,8,9,10-tetrahydroazepino[2,1b]quinazolin-12(6H)-one, a potential anticancer agent	Sharma, M., Upadhyay, N.K., Mahindroo, N.	2016	Indian Journal of Pharmaceutical Sciences	78	6	769-774	1
Synergistic activity of doped zinc oxide nanoparticles with antibiotics: Ciprofloxacin, ampicillin, fluconazole and amphotericin B against pathogenic microorganisms	Sharma, N., Jandaik, S., Kumar, S.	2016	Anais da Academia Brasileira de Ciencias	88	3	1689-1698	1.1
Synthesis, characterisation and antimicrobial activity of manganese- and iron-doped zinc oxide nanoparticles	Sharma, N., Jandaik, S., Kumar, S., Chitkara, M., Sandhu, I.S.	2016	Journal of Experimental Nanoscience	11	1	54-71	1.21
Nanoparticles: Boon to mankind and bane to pathogens	Sharma, N., Jandaik, S., Singh, T.G., Kumar, S.	2016	Nanobiomaterials in Antimicrobial Therapy: Applications of Nanobiomaterials	-	-	483-509	-
Proficient techniques and protocols for the identification of attacks in WSN: A review	Sharma, P., Gupta, G.	2016	Indian Journal of Science and Technology	9	42	-	-
Study of electrical properties of W-type barium hexaferrite for high frequency application	Sharma, P., Thakur, A., Thakur, P.	2016	AIP Conference Proceedings	1731	-	-	0.26
Synthesis, structural, optical, electrical and Mössbauer spectroscopic studies of Co substituted Li _{0.5} Fe _{2.5} O ₄	Sharma, P., Thakur, P., Mattei, J.L., Queffelec, P., Thakur, A.	2016	Journal of Magnetism and Magnetic Materials	407	-	17-23	2.97
Synthesis of guar gum-acrylic acid graft copolymers based biodegradable adsorbents for cationic dye removal	Sharma, R., Kalia, S., Kaith, B.S., Srivastava, M.K.	2016	International Journal of Plastics Technology	20	2	294-314	0.95
Antimicrobial activity of herbs against yersinia Enterocolitica and mixed microflora	Sharma, S., Kaushik, R., Sharma, P., Sharma, R., Thapa, A., Kp, I.	2016	Annals of the University Dunarea de Jos of Galati, Fascicle VI: Food Technology	40	2	119-134	0.27
Comparative GC-MS analysis of bioactive compounds in methanolic extract of Calotropis gigantea (L) W.T. aiton leaf and latex	Sharma, S., Kumari, A., Sharma, M.	2016	International Journal of Pharmacognosy and Phytochemical Research	8	11	1823-1827	-
Effect of Na on the structural and electrical properties of lead-free sodium potassium niobate ceramics	Sharma, S., Kumari, S., Rai, R., Sharma, D.K.	2016	Integrated Ferroelectrics	168	1	115-129	0.41
Investigations on the fog harvesting mechanism of Bermuda grass (Cynodon dactylon)	Sharma, V., Sharma, M., Kumar, S., Krishnan, V.	2016	Flora: Morphology, Distribution, Functional Ecology of Plants	224	-	59-65	1.5

A greener approach for impressive removal of As(III)/As(v) from an ultra-low concentration using a highly efficient chitosan thiomers as a new adsorbent	Singh, P., Chauhan, K., Priya, V., Singhal, R.K.	2016	RSC Advances	6	69	64946-64961	3.01
Photocatalytic mineralization of antibiotics using 60% WO ₃ /BiOCl stacked to graphene sand composite and chitosan	Singh, P., Priya, B., Shandilya, P., Raizada, P., Singh, N., Pare, B., Jonnalagadda, S.B.	2016	Arabian Journal of Chemistry	-	-	-	2.39
Application of silver nanoparticles synthesized from Raphanus sativus for catalytic degradation of organic dyes	Singh, T., Jyoti, K., Patnaik, A., Chauhan, R., Kumar, N.	2016	MATEC Web of Conferences	57	-	-	0.25
Optimization of tribological properties of cement kiln dust-filled brake pad using grey relation analysis	Singh, T., Patnaik, A., Chauhan, R.	2016	Materials and Design	89	-	1335-1342	5.16
Dry sliding wear assessment of organic-inorganic fibre reinforced friction composites using design of experiment approach	Singh, T., Patnaik, A., Chauhan, R., Kumar, N., Chauhan, P.	2016	Advanced Science Letters	22	11	3958-3960	-
Nanobiomaterials in cosmetics: Current status and future prospects	Singh, T.G., Sharma, N.	2016	Nanobiomaterials in Galenic Formulations and Cosmetics: Applications of Nanobiomaterials	-	-	149-174	-
Comparative analysis of XPM-induced crosstalk in SCM-WDM transmission links	Singh, V., Kumar, N., Kumar, S.	2016	Optical and Quantum Electronics	48	1	1-Jul	1.2
Structural, magnetic and Mössbauer study of Ba _{1-x} Fe _{12-x} O ₁₉ nanohexaferrites synthesized via sol-gel auto-combustion technique	Singh, V.P., Kumar, G., Kumar, A., Rai, R.S., Valente, M.A., Batoo, K.M., Kotnala, R.K., Singh, M.	2016	Ceramics International	42	4	5011-5017	2.85
Enhancement of magnetic properties of Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ nanoparticles prepared by the co-precipitation method	Thakur, A., Kumar, P., Thakur, P., Rana, K., Chevalier, A., Mattei, J.-L., Queffelec, P.	2016	Ceramics International	42	9	10664-10670	2.85
The development of antibacterial and hydrophobic functionalities in natural fibers for fiber-reinforced composite materials	Thakur, K., Kalia, S., Kaith, B.S., Pathania, D., Kumar, A., Thakur, P., Knittel, C.E., Schauer, C.L., Totaro, G.	2016	Journal of Environmental Chemical Engineering	4	2	1743-1752	4.01
Surface functionalization of lignin constituent of coconut fibers via laccase-catalyzed biografting for development of antibacterial and hydrophobic properties	Thakur, K., Kalia, S., Pathania, D., Kumar, A., Sharma, N., Schauer, C.L.	2016	Journal of Cleaner Production	113	-	176-182	5.79
Lycopene quantification of tomato by SPE and HPLC	Thakur, N.	2016	Bulgarian Journal of Agricultural Science	22	1	84-90	0.36
Dielectric relaxation and ac conduction in multiferroic Bi _{0.8} Gd _{0.1} Pb _{0.1} Fe _{0.9} Ti _{0.1} O ₃ ceramics: impedance spectroscopy analysis	Thakur, S., Rai, R., Bdikin, I., Rai, S.P.	2016	Phase Transitions	89	12	1213-1224	0.8
Impedance and modulus spectroscopy characterization of Tb modified Bi _{0.8} A _{0.1} Pb _{0.1} Fe _{0.9} Ti _{0.1} O ₃ ceramics	Thakur, S., Rai, R., Bdikin, I., Valente, M.A.	2016	Materials Research	19	1	1-Aug	1.35
Study the influence of different mol% BLTMNZ doping on KNLN ceramics by using the XRD and impedance spectroscopy	Thakur, S., Rai, R., Sharma, S., Tiwari, A.	2016	Advanced Materials Letters	7	1	29-35	-
Temporal MODIS data for identification of wheat crop using noise clustering soft classification approach	Upadhyay, P., Ghosh, S.K., Kumar, A.	2016	Geocarto International	31	3	278-295	1.38
Synergistic and efflux pump inhibitory activity of plant extracts and antibiotics on Staphylococcus aureus strains	Urmila, , Jandaik, S., Mehta, J., Mohan, M.	2016	Asian Journal of Pharmaceutical and Clinical Research	9	-	277-282	0.49

Generation of an inducible system to express polo-like kinase, Cdc5 as TAP fusion protein during meiosis in <i>Saccharomyces cerevisiae</i>	Vaid, R., Dev, K., Lichten, M., Sourirajan, A.	2016	3 Biotech	6	2	-	2.23
Functions of polo-like Kinases: A journey from yeast to humans	Vaid, R., Sharma, N., Chauhan, S., Deshta, A., Dev, K., Sourirajan, A.	2016	Protein and Peptide Letters	23	2	185-197	1.07
Antimicrobial, antioxidant and GC-MS profiling of <i>Rumex obtusifolius</i> L. an important ethnomedicinal plant of Himachal Pradesh in North Western Himalaya	Verma, R., Puri, S.	2016	Medicinal Plants	8	3	249-254	0.18
GABAergic effect of valeric acid from <i>Valeriana wallichii</i> in amelioration of ICV STZ induced dementia in rats	Vishwakarma, S., Goyal, R., Gupta, V., Dhar, K.L.	2016	Brazilian Journal of Pharmacognosy	26	4	484-489	1.88
The role of intellectual capital in promoting knowledge management initiatives	Zaei, M.E., Kapil, P.	2016	Knowledge Management and E-Learning	8	2	317-333	0.75
Statistical investigation on the passive RF components thermal effects EMC applications	Andriamaniry, N., Tsimitamby, B., Ravelo, B., Lallechere, S., Fiomana, L., Thakur, A.	2015	2015 IEEE Radio and Antenna Days of the Indian Ocean, RADIO 2015	-	-	-	-
Determination of minimum inhibitory concentrations of itraconazole, terbinafine and ketoconazole against dermatophyte species by broth microdilution method	Bhatia, V.K., Sharma, P.C.	2015	Indian Journal of Medical Microbiology	33	4	533-537	0.76
Development and characterization of a novel antiacne niosomal gel of rosmarinic acid	Budhiraja, A., Dhingra, G.	2015	Drug Delivery	22	6	723-730	2.65
Role of single nucleotide polymorphisms in pharmacogenomics and their association with human diseases	Chaudhary, R., Singh, B., Kumar, M., Gakhar, S.K., Saini, A.K., Parmar, V.S., Chhillar, A.K.	2015	Drug Metabolism Reviews	47	3	281-290	4.85
Isolation and identification of bioactive compounds from <i>Irpex Lacteus</i> wild fleshy fungi	Chaudhary, R., Tripathy, A.	2015	Journal of Pharmaceutical Sciences and Research	7	7	424-434	0.29
Efficient method of starch functionalization to bis-quaternary structure unit	Chauhan, K., Kaur, J., Kumari, A., Kumari, A., Chauhan, G.S.	2015	International Journal of Biological Macromolecules	80	-	498-505	4.11
A green and highly efficient sulfur functionalization of starch	Chauhan, K., Priya, V., Singh, P., Chauhan, G.S., Kumari, S., Singhal, R.K.	2015	RSC Advances	5	64	51762-51772	3.01
Removal/Dissolution of Mineral Scale Deposits	Chauhan, K., Sharma, P., Chauhan, G.S.	2015	Mineral Scales and Deposits: Scientific and Technological Approaches	-	-	701-720	-
New Chitosan-Thiomer: An Efficient Colorimetric Sensor and Effective Sorbent for Mercury at Ultralow Concentration	Chauhan, K., Singh, P., Singhal, R.K.	2015	ACS Applied Materials and Interfaces	7	47	26069-26078	8.15
Bioprospecting thermophilic microorganisms from hot springs of western himalyas for xylanase production and its statistical optimization by using response surface methodology	Chauhan, S., Seth, C.A., Seth, A.	2015	Journal of Pure and Applied Microbiology	9	2	1417-1428	0.14
Mild alcohol intake exacerbates metabolic syndrome in rodents: A putative role of GSK-3 β	Chauhan, Y., Goyal, R., Khah, S., Sharma, P.L.	2015	Journal of Receptors and Signal Transduction	35	6	592-599	1.53
Phytochemical screening and wound healing potential of <i>Cuscuta reflexa</i>	Gautam, T., Gautam, S.P., Keservani, R.K., Sharma, A.K.	2015	Journal of Chinese Pharmaceutical Sciences	24	5	292-302	0.27

Determination of phytochemicals and minimum inhibitory concentrations of leaf extracts of <i>Camellia sinensis</i> and <i>Murraya koenigii</i> on MRSA and MSSA strains and virulence factors of the strains	Guleri, J., Sharma, P.C.	2015	International Journal of Pharmaceutical Sciences Review and Research	34	2	105-113	-
Synthesis of chitosan-g-poly(acrylamide)/ZnS nanocomposite for controlled drug delivery and antimicrobial activity	Gupta, D., Singh, D., Kothiyal, N.C., Saini, A.K., Singh, V.P., Pathania, D.	2015	International Journal of Biological Macromolecules	74	-	547-557	4.11
Synthesis of indole and its derivatives in water	Gupta, N., Goyal, D.	2015	Chemistry of Heterocyclic Compounds	51	1	Apr-16	0.92
Antioxidative in vitro and antiosteoporotic activities of <i>Prinsepia utilis</i> Royle in female rats	Gupta, R., Goyal, R., Bhattacharya, S., Dhar, K.L.	2015	European Journal of Integrative Medicine	7	2	157-163	0.79
A diverse group of halophilic bacteria exist in Lunsu, a natural salt water body of Himachal Pradesh, India	Gupta, S., Sharma, P., Dev, K., Srivastava, M., Sourirajan, A.	2015	SpringerPlus	4	1	-	1.23
Preconditioning offers cardioprotection in hyperlipidemic rat hearts: Possible role of Dopamine (D2) signaling	Gupta, V., Goyal, R., Sharma, P.L.	2015	BMC Cardiovascular Disorders	15	1	-	2.08
Synthesis, characterization and analytical application of cellulose acetate-tin (IV) molybdate nanocomposite ion exchanger: binary separation of heavy metal ions and antimicrobial activity	Gupta, V.K., Agarwal, S., Tyagi, I., Pathania, D., Rathore, B.S., Sharma, G.	2015	Ionics	21	7	2069-2078	2.19
A cellulose acetate based nanocomposite for photocatalytic degradation of methylene blue dye under solar light	Gupta, V.K., Saleh, T.A., Pathania, D., Rathore, B.S., Sharma, G.	2015	Ionics	21	6	1787-1793	2.19
Nanocomposite pectin Zr(IV) selenotungstophosphate for adsorptional/photocatalytic remediation of methylene blue and malachite green dyes from aqueous system	Gupta, V.K., Sharma, G., Pathania, D., Kothiyal, N.C.	2015	Journal of Industrial and Engineering Chemistry	21	-	957-964	4.53
Twin-tail surfactant peculiarity in superficial fabrication of semiconductor quantum dots: Toward structural, optical, and electrical features	Jamwal, D., Kaur, G., Raizada, P., Singh, P., Pathak, D., Thakur, P.	2015	Journal of Physical Chemistry C	119	9	5062-5073	4.58
Guar gum based biodegradable, antibacterial and electrically conductive hydrogels	Kaith, B.S., Sharma, R., Kalia, S.	2015	International Journal of Biological Macromolecules	75	-	266-275	4.11
Effects of O7+ and Ni9+ swift heavy ions irradiation on polyacrylamide grafted Gum acacia thin film and sorption of methylene blue	Kaith, B.S., Sharma, R., Sharma, K., Choudhary, S., Kumar, V., Lochab, S.P.	2015	Vacuum	111	-	73-82	2
Synthesis, characterization and thermal degradation studies on some oxovanadium(IV) carbodithioates	Kalia, S.B., Puri, R., Thakur, A., Christopher, J.	2015	Journal of Thermal Analysis and Calorimetry	119	3	1619-1632	2.1
Role of insulin-like growth factor-binding proteins in the pathophysiology and tumorigenesis of gastroesophageal cancers	Kashyap, M.K.	2015	Tumor Biology	36	11	8247-8257	3.27
Electrochemical synthesized copper oxide nanoparticles for enhanced photocatalytic and antimicrobial activity	Katwal, R., Kaur, H., Sharma, G., Naushad, M., Pathania, D.	2015	Journal of Industrial and Engineering Chemistry	31	-	173-184	4.53
In vitro starch digestibility, pasting and textural properties of mung bean: effect of different processing methods	Kaur, M., Sandhu, K.S., Ahlawat, R.P., Sharma, S.	2015	Journal of Food Science and Technology	52	3	1642-1648	1.93
Isolation, characterization of wheat gluten and its regeneration properties	Kaushik, R., Kumar, N., Sihag, M.K., Ray, A.	2015	Journal of Food Science and Technology	52	9	5930-5937	1.93

Characterization of Lactobacillus isolated from dairy samples for probiotic properties	Kumar, A., Kumar, D.	2015	Anaerobe	33	-	117-123	2.8
SPION/ β -cyclodextrin core-shell nanostructures for oil spill remediation and organic pollutant removal from waste water	Kumar, A., Sharma, G., Naushad, M., Thakur, S.	2015	Chemical Engineering Journal	280	-	175-187	7.01
Algorithm for Shortest Path Problem in a Network with Interval-valued Intuitionistic Trapezoidal Fuzzy Number	Kumar, G., Bajaj, R.K., Gandotra, N.	2015	Procedia Computer Science	70	-	123-129	1.03
Comparison of regression and artificial neural network models for estimation of global solar radiations	Kumar, R., Aggarwal, R.K., Sharma, J.D.	2015	Renewable and Sustainable Energy Reviews	52	-	1294-1299	10.54
Biochemical characterization of immobilized tannase from Aspergillus awamori	Kumar, S., Beniwal, V., Kumar, N., Kumar, A., Chhokar, V., Khaket, T.P.	2015	Biocatalysis and Agricultural Biotechnology	4	3	398-403	2.19
Implementation of wavelength selector based on electro-optic effect in Mach-Zehnder interferometers for high speed communications	Kumar, S., Bisht, A., Singh, G., Choudhary, K., Sharma, D.	2015	Optics Communications	350	-	108-118	1.86
Purification, characterization and in-silico analysis of nitrilase from Gordonia terrae	Kumar, V., Seth, A., Kumari, V., Kumar, V., Bhalla, T.C.	2015	Protein and Peptide Letters	22	1	52-62	1.07
Recovery of silver from used X-Ray films by protease isolated from Bacillus sp ATP-P5 and its immobilization	Kumari, P., Jandaik, S., Batta, S.	2015	Journal of Pure and Applied Microbiology	9	Special Edition 2	371-375	0.14
Study the Structural and Dielectric Properties of Rare-Earth Ia Doped (Ba 1-x La x) (Ti 0.815 Mn 0.0025 Nb 0.0025 Zr 0.18) 0.995 O 3 Ceramics	Kumari, P., Kumar, P., Rai, R.	2015	Integrated Ferroelectrics	167	1	24-34	0.41
Influence of BiFeTaO3 addition on the electrical properties of Na0.4725K0.4725Li0.055NbO3 ceramics system using impedance spectroscopy	Kumari, P., Rai, R., Kholkin, A.L.	2015	Journal of Alloys and Compounds	637	-	203-212	3.66
State-of-the-art of lead free ferroelectrics: A critical review	Kumari, P., Rai, R., Sharma, S., Shandilya, M., Tiwari, A.	2015	Advanced Materials Letters	6	6	453-484	-
Efficiency of plant growth-promoting P-solubilizing Bacillus circulans CB7 for enhancement of tomato growth under net house conditions	Mehta, P., Walia, A., Kulshrestha, S., Chauhan, A., Shirkot, C.K.	2015	Journal of Basic Microbiology	55	1	33-44	1.61
Studies on multiple drug resistance (MDR) among Pseudomonas aeruginosa isolates and their virulence factors	Minhas, N., Bharti, , Sharma, P.C.	2015	Journal of Pure and Applied Microbiology	9	2	1447-1456	0.14
Kinetics, isotherm and thermodynamic investigations for the adsorption of Co(II) ion onto crystal violet modified amberlite IR-120 resin	Naushad, M., ALOthman, Z.A., Sharma, G., Inamuddin,	2015	Ionics	21	5	1453-1459	2.19
Investigation of iron deficient and manganese doped Ni-Mg nano-ferroxide ceramics	Pathania, A., Thakur, P., Sharma, A., Hsu, J.H., Thakur, A.	2015	Ceramics International	41	-	-	2.85
Fabrication of ZnS-cellulose nanocomposite for drug delivery, antibacterial and photocatalytic activity	Pathania, D., Kumari, M., Gupta, V.K.	2015	Materials and Design	87	-	1056-1064	5.16
Combined sorptionalâ€“photocatalytic remediation of dyes by polyaniline Zr(IV) selenotungstophosphate nanocomposite	Pathania, D., Sharma, G., Kumar, A., Naushad, M., Kalia, S., Sharma, A., ALOthman, Z.A.	2015	Toxicological and Environmental Chemistry	97	5	526-537	0.97
Pectin @ zirconium (IV) silicophosphate nanocomposite ion exchanger: Photo catalysis, heavy metal separation and antibacterial activity	Pathania, D., Sharma, G., Thakur, R.	2015	Chemical Engineering Journal	267	-	235-244	7.01

Synthesis and kinetics of ascorbic acid initiated graft copolymerized delignified cellulosic fiber	Priya, B., Singha, A.S., Pathania, D.	2015	Polymer Engineering and Science	55	2	474-484	1.59
Study the structural and magnetic properties of rare-earth ions (La and Gd) doped Ba _{0.9575} Ca _{0.0025} Ti _{0.80685} Mn _{0.002475} Nb _{0.002475} Zr _{0.1782} O ₃ (BCTMNZ) ceramics	Rai, R., Kumari, P., Valente, M.A.	2015	Journal of Advanced Dielectrics	5	4	-	0.87
Improved structural and magnetic properties of cobalt nanoferrites: Influence of sintering temperature	Rana, K., Thakur, P., Sharma, P., Tomar, M., Gupta, V., Thakur, A.	2015	Ceramics International	41	3	4492-4497	2.85
Microstrip dielectric substrate material characterization with temperature effect	Ravelo, B., Thakur, A., Saini, A., Thakur, P.	2015	Applied Computational Electromagnetics Society Journal	30	12	1322-1328	0.74
Impact of fortification with iron salts and vitamin A on the physicochemical properties of laboratory-pasteurised toned milk and bioaccessibility of the added nutrients	Sachdeva, B., Kaushik, R., Arora, S., Indumathi, K.P.	2015	International Journal of Dairy Technology	68	2	253-260	1.2
Bioavailability of iron in multiple fortified milk	Sachdeva, B., Kaushik, R., Arora, S., Kapila, S.	2015	Journal of Food Science and Technology	52	9	6017-6023	1.93
Topical gel incorporated with non-ionic surfactant based solid lipid microspheres of ketoprofen: Physicochemical analysis and anti-inflammatory evaluation	Sareen, R., Bhardwaj, V., Mehta, V., Sharma, A.	2015	International Journal of Pharmacy and Pharmaceutical Sciences	7	10	199-206	-
Lanthanum/Cadmium/Polyaniline bimetallic nanocomposite for the photodegradation of organic pollutant	Sharma, G., Naushad, M., Kumar, A., Devi, S., Khan, M.R.	2015	Iranian Polymer Journal (English Edition)	24	12	1003-1013	1.52
Modification of Hibiscus cannabinus fiber by graft copolymerization: application for dye removal	Sharma, G., Naushad, M., Pathania, D., Mittal, A., El-desoky, G.E.	2015	Desalination and Water Treatment	54	11	3114-3121	1.38
Preparation, characterization, and ion exchange behavior of nanocomposite polyaniline zirconium(IV) selenotungstophosphate for the separation of toxic metal ions	Sharma, G., Pathania, D., Naushad, M.	2015	Ionics	21	4	1045-1055	2.19
Colletotrichum gloeosporioides: An Anthracnose Causing Pathogen of Fruits and Vegetables	Sharma, M., Kulshrestha, S.	2015	Biosciences Biotechnology Research Asia	12	2	1233-1246	-
Biodegradable and conducting hydrogels based on Guar gum polysaccharide for antibacterial and dye removal applications	Sharma, R., Kaith, B.S., Kalia, S., Pathania, D., Kumar, A., Sharma, N., Street, R.M., Schauer, C.	2015	Journal of Environmental Management	162	-	37-45	4.54
Guaran-based biodegradable and conducting interpenetrating polymer network composite hydrogels for adsorptive removal of methylene blue dye	Sharma, R., Kalia, S., Kaith, B.S., Pathania, D., Kumar, A., Thakur, P.	2015	Polymer Degradation and Stability	122	-	52-65	3.59
Use of cellulose acetate-tin (IV) phosphate composite (CA/TPC) in highly effective removal and recovery of heavy metal ions	Sharma, S., Kothiyal, N.C., Rathore, B.S., Sharma, S.	2015	International Journal of Industrial Chemistry	6	1	43-58	1.61
Erratum to: Use of cellulose acetate-tin (IV) phosphate composite (CA/TPC) in highly effective removal and recovery of heavy metal ions (Int J Ind Chem, 2015, 6, 43-58, 10.1007/s40090-015-0031-2)	Sharma, S., Kothiyal, N.C., Rathore, B.S., Sharma, S.	2015	International Journal of Industrial Chemistry	6	2	131-132	1.61
Impedance and modulus spectroscopy characterization of lead free barium titanate ferroelectric ceramics	Sharma, S., Shamim, K., Ranjan, A., Rai, R., Kumari, P., Sinha, S.	2015	Ceramics International	41	6	7713-7722	2.85

Effect of Tb, Ti co-doping on the electrical and magnetic properties of (Bi, La)FeO ₃ multiferroic ceramics	Sharma, S., Shandilya, M., Rai, R.	2015	Journal of Materials Science: Materials in Electronics	26	12	9484-9494	2.16
Evaluation of antileishmanial activity of plants used in Indian traditional medicine	Sidana, A., Farooq, U.	2015	Bangladesh Journal of Pharmacology	10	2	423-426	0.86
Expansion of Empirical-Statistical Based Topographic Correction Algorithm for Reflectance Modeling on Himalayan Terrain using AWiFS and MODIS Sensor	Singh, M., Mishra, V.D., Thakur, N.K., Sharma, J.D.	2015	Journal of the Indian Society of Remote Sensing	43	2	379-393	0.95
Snow Model for AWiFS Derived Broad Band Albedo with an Application to Onset Seasonal Melt in North-West Himalaya	Singh, M., Mishra, V.D., Thakur, N.K., Sharma, J.D.	2015	Journal of the Indian Society of Remote Sensing	43	4	815-824	0.95
Valorization of Sal Deoiled Cake as Media for Acidic Amylase and Invertase Co-Production by Aspergillus nigerNJ-1: Optimization by Response Surface Methodology and Application in Oligosaccharide Synthesis	Singh, S., Gupta, N., Kaur, J., Gupta, A.	2015	Journal of Food Processing and Preservation	39	6	2548-2561	1.39
Optimization of tribo-performance of brake friction materials: Effect of nano filler	Singh, T., Patnaik, A., Gangil, B., Chauhan, R.	2015	Wear	324-325	-	Oct-16	3.31
Remarkable magnetization with ultra-low loss BaGd _x Fe _{12-x} O ₁₉ nanohexaferrites for applications up to C-band	Singh, V.P., Kumar, G., Kotnala, R.K., Shah, J., Sharma, S., Daya, K.S., Batoo, K.M., Singh, M.	2015	Journal of Magnetism and Magnetic Materials	378	-	478-484	2.97
Cornstarch/Poly(vinyl alcohol) Biocomposite Blend Films: Mechanical Properties, Thermal Behavior, Fire Retardancy, and Antibacterial Activity	Singha, A.S., Priya, B., Pathania, D.	2015	International Journal of Polymer Analysis and Characterization	20	4	357-366	1.57
Design, synthesis, and biological evaluation of oxindole derivatives as antidepressive agents	Suthar, S.K., Bansal, S., Alam, M.M., Jaiswal, V., Tiwari, A., Chaudhary, A., Alex, A.T., Joseph, A.	2015	Bioorganic and Medicinal Chemistry Letters	25	22	5281-5285	2.53
Effect of high spin Mn ²⁺ /Mn ³⁺ ions on microstructural, optical, magnetic and electrical properties of hydrothermally prepared Ni-Mg nanoferrites	Thakur, A., Sharma, P., Thakur, P., Sharma, A., Thakur, A., Ravelo, B., Hsu, J.-H.	2015	International Journal of Modern Physics B	29	24	-	0.69
Surface functionalization of coconut fibers by enzymatic biografting of syringaldehyde for the development of biocomposites	Thakur, K., Kalia, S., Kaith, B.S., Pathania, D., Kumar, A.	2015	RSC Advances	5	94	76844-76851	3.01
Laccase-mediated biografting of p-coumaric acid for development of antibacterial and hydrophobic properties in coconut fibers	Thakur, K., Kalia, S., Sharma, N., Pathania, D.	2015	Journal of Molecular Catalysis B: Enzymatic	122	-	289-295	1.99
Structural characterization and magnetic study of NiFe _x O ₄ synthesized by co-precipitation method	Thakur, S., Rai, R., Sharma, S.	2015	Materials Letters	139	-	368-372	2.68
Improved structural, electrical and magnetic properties of Mn-Zn-Cd nanoferrites	Thakur, S.S., Pathania, A., Thakur, P., Thakur, A., Hsu, J.-H.	2015	Ceramics International	41	3	5072-5078	2.85
Sensitivity analyses of resistive power splitter	Tsimitamby, B., Andriamaniry, N., Ravelo, B., Lallechere, S., Fiomana, L., Thakur, A.	2015	2015 IEEE Radio and Antenna Days of the Indian Ocean, RADIO 2015	-	-	-	-
Asymbiotic germination of immature seeds in an ornamentally important fox-tail™ orchid, aerides multiflora roxb	Verma, J., Bhatti, S.K., Sembi, J.K.	2015	Vegetos	28	4	162-168	0.3

Conformational changes in the P site and mRNA entry channel evoked by AUG recognition in yeast translation preinitiation complexes	Zhang, F., Saini, A.K., Shin, B.-S., Nanda, J., Hinnebusch, A.G.	2015	Nucleic Acids Research	43	4	2293-2312	10.84
Mucoadhesive microparticulate drug delivery system of curcumin against Helicobacter pylori infection: Design, development and optimization	Ali, M.S., Pandit, V., Jain, M., Dhar, K.L.	2014	Journal of Advanced Pharmaceutical Technology and Research	5	1	48-56	1.1
In-vitro analysis of antibacterial activity of ocimum sanctum against pathogenic bacteria and quantification of ursolic acid and oleanolic acid	Ali, R., Chauhan, V., Farooq, S., Khan, A., Farooq, U.	2014	International Journal of Pharmaceutical Sciences Review and Research	25	2	13-17	-
Design and synthesis of novel 2-phenyl-5-(1,3-diphenyl-1H-pyrazol-4-yl)-1, 3,4-oxadiazoles as selective COX-2 inhibitors with potent anti-inflammatory activity	Bansal, S., Bala, M., Suthar, S.K., Choudhary, S., Bhattacharya, S., Bhardwaj, V., Singla, S., Joseph, A.	2014	European Journal of Medicinal Chemistry	80	-	167-174	4.63
Epidemiological studies on dermatophytosis in human patients in Himachal Pradesh, India	Bhatia, V.K., Sharma, P.C.	2014	SpringerPlus	3	1	1-Jul	1.23
Phytochemical screening and antibacterial efficacy of Ficus benghalensis using in vitro models	Chaudhary, A.A., Khan, M., Ansari, S., Chauhan, V.	2014	International Journal of Pharmaceutical Sciences Review and Research	24	2	276-279	-
Star-shaped polymers of bio-inspired algae core and poly(acrylamide) and poly(acrylic acid) as arms in dissolution of silica/silicate	Chauhan, K., Patiyal, P., Chauhan, G.S., Sharma, P.	2014	Water Research	56	-	225-233	7.55
Investigation of the thermohydraulic performance of impinging jet solar air heater	Chauhan, R., Thakur, N.S.	2014	Energy	68	-	255-261	5.6
Conserved residues in yeast initiator tRNA calibrate initiation accuracy by regulating preinitiation complex stability at the start codon	Dong, J., Munoz, A., Kolitz, S.E., Saini, A.K., Chiu, W.-L., Rahman, H., Lorsch, J.R., Hinnebusch, A.G.	2014	Genes and Development	28	5	502-520	9.36
Anthelmintic activity of ethanolic leaf extract of Jasminum mesnyi	Dullu, V.	2014	Asian Pacific Journal of Tropical Disease	4	S1	S273-S275	0.81
Oxidative transformation of alcohols and organic halides in aqueous solution	Gupta, N., Thakur, A., Bhardwaj, P.	2014	New Journal of Chemistry	38	8	3749-3754	3.24
Amputation of congo red dye from waste water using microwave induced grafted Luffa cylindrica cellulosic fiber	Gupta, V.K., Pathania, D., Agarwal, S., Sharma, S.	2014	Carbohydrate Polymers	111	-	556-566	5.58
Liquid phase synthesis of pectin-cadmium sulfide nanocomposite and its photocatalytic and antibacterial activity	Gupta, V.K., Pathania, D., Asif, M., Sharma, G.	2014	Journal of Molecular Liquids	196	-	107-112	4.26
Polyaniline zirconium (IV) silicophosphate nanocomposite for remediation of methylene blue dye from waste water	Gupta, V.K., Pathania, D., Kothiyal, N.C., Sharma, G.	2014	Journal of Molecular Liquids	190	-	139-145	4.26
Microwave induced synthesis of graft copolymer of binary vinyl monomer mixtures onto delignified Grewia optiva fiber: Application in dye removal	Gupta, V.K., Pathania, D., Priya, B., Singha, A.S., Sharma, G.	2014	Frontiers in Chemistry	2	AUG	-	4.36
Pectin-cerium (IV) tungstate nanocomposite and its adsorptional activity for removal of methylene blue dye	Gupta, V.K., Pathania, D., Singh, P.	2014	International Journal of Environmental Science and Technology	11	7	2015-2024	2.18
Adsorptional removal of methylene blue by guar gum-cerium (IV) tungstate hybrid cationic exchanger	Gupta, V.K., Pathania, D., Singh, P., Kumar, A., Rathore, B.S.	2014	Carbohydrate Polymers	101	1	684-691	5.58

Development and optimization of osmotically controlled asymmetric membrane capsules for delivery of solid dispersion of lycopene	Jain, N., Sareen, R., Mahindroo, N., Dhar, K.L.	2014	The Scientific World Journal	2014	-	-	1.43
Fabrication and characterization of gum ghatti-polymethacrylic acid based electrically conductive hydrogels	Kaith, B.S., Sharma, K., Kumar, V., Kalia, S., Swart, H.C.	2014	Synthetic Metals	187	1	61-67	2.49
Effects of swift heavy ion beam irradiation on the structural and morphological properties of poly(methacrylic acid) cross-linked gum ghatti films	Kaith, B.S., Sharma, K., Kumar, V., Kumar, V., Swart, H.C., Kalia, S.	2014	Vacuum	101	-	166-170	2
Response surface methodology and optimized synthesis of guar gum-based hydrogels with enhanced swelling capacity	Kaith, B.S., Sharma, R., Kalia, S., Bhatti, M.S.	2014	RSC Advances	4	76	40339-40344	3.01
Magnetic polymer nanocomposites for environmental and biomedical applications	Kalia, S., Kango, S., Kumar, A., Haldorai, Y., Kumari, B., Kumar, R.	2014	Colloid and Polymer Science	292	9	2025-2052	1.99
Laccase-assisted surface functionalization of lignocellulosics	Kalia, S., Thakur, K., Kumar, A., Celli, A.	2014	Journal of Molecular Catalysis B: Enzymatic	102	-	48-58	1.99
Semiconductor-polymer hybrid materials	Kango, S., Kalia, S., Thakur, P., Kumari, B., Pathania, D.	2014	Advances in Polymer Science	267	-	283-312	2.68
Removal of malachite green and methylene blue by Fe _{0.01} Ni _{0.01} Zn _{0.98} O/polyacrylamide nanocomposite using coupled adsorption and photocatalysis	Kant, S., Pathania, D., Singh, P., Dhiman, P., Kumar, A.	2014	Applied Catalysis B: Environmental	147	-	340-352	10.92
Ghaggar River: Impact of polluting agents and microbial components in river water	Khan, N., Kumar, A., Sharma, V., Khan, M.A., Farooq, U.	2014	International Journal of Pharmaceutical Sciences Review and Research	24	2	171-175	-
Particle impaction and flow through an infinite array of cylinders	Khurana, S., Goel, V., Kumar, K., Sethi, M., Kumar, S.	2014	Walailak Journal of Science and Technology	11	7	537-549	0.42
Effect of silt particles on erosion of Turgo impulse turbine blades	Khurana, S., Varun, , Kumar, A.	2014	International Journal of Ambient Energy	35	3	155-162	0.83
Biology and control of Rosellinia necatrix causing white root rot disease: A review	Kulshrestha, S., Seth, C.A., Sharma, M., Sharma, A., Mahajan, R., Chauhan, A.	2014	Journal of Pure and Applied Microbiology	8	3	1803-1814	0.14
Analysis of heat transfer and fluid flow in different shaped roughness elements on the absorber plate solar air heater duct	Kumar, A.	2014	Energy Procedia	57	-	2102-2111	1.44
In vitro callus induction and plantlet regeneration of Swertia chirayita: A critically endangered medicinal plant	Kumar, A., Kaushal, S., Sharma, S., Sood, H.	2014	International Journal of Pharmaceutical Sciences Review and Research	27	1	94-96	-
Molecular diversity and functional variability of environmental isolates of Bacillus species	Kumar, A., Kumar, A., Pratush, A.	2014	SpringerPlus	3	1	1-Nov	1.23
Isolation and characterization of bacteria from dairy samples of Solan in Himachal Pradesh for identification of Lactobacillus spp	Kumar, A., Kumar, D.	2014	International Journal of Pharmaceutical Sciences Review and Research	25	2	110-114	-
A review of thermohydraulic performance of artificially roughened solar air heaters	Kumar, A., Saini, R.P., Saini, J.S.	2014	Renewable and Sustainable Energy Reviews	37	-	100-122	10.54
Effect of roughness width ratio in discrete Multi v-shaped rib roughness on thermo-hydraulic performance of solar air heater	Kumar, A., Saini, R.P., Saini, J.S.	2014	Heat and Mass Transfer/Waerme- und Stoffuebertragung	51	2	209-220	1.34

An experimental investigation of enhanced heat transfer due to a gap in a continuous multiple V-rib arrangement in a solar air channel	Kumar, A., Saini, R.P., Saini, J.S.	2014	Journal of Enhanced Heat Transfer	21	1	21-49	0.33
Polyacrylamide/Ni _{0.02} Zn _{0.98} O nanocomposite with high solar light photocatalytic activity and efficient adsorption capacity for toxic dye removal	Kumar, A., Sharma, G., Naushad, M., Singh, P., Kalia, S.	2014	Industrial and Engineering Chemistry Research	53	40	15549-15560	3.4
Evaluation of antimicrobial potential of cadmium sulphide nanoparticles against bacterial pathogens	Kumar, A., Singh, S., Kumar, D.	2014	International Journal of Pharmaceutical Sciences Review and Research	24	2	202-207	-
First-principle study of nanostructures of functionalized graphene	Kumar, N., Sharma, J.D., Ahluwalia, P.K.	2014	Pramana - Journal of Physics	82	6	1103-1117	0.56
Study of magnetism in nano structures of graphene and functionalized graphene: a first principle study	Kumar, N., Sharma, M., Sharma, J.D., Ahluwalia, P.K.	2014	Indian Journal of Physics	89	2	143-150	0.97
Immunomodulatory activity of bioactive fraction (PBC) from phyllostachys bambusoides	Kumar, S., Sharma, G., Kumar, A.	2014	Pharmacognosy Journal	9	6	786-791	0.41
Immunomodulatory potential of a bioactive fraction from the leaves of Phyllostachys Bambusoides (bamboo) in BALB/C mice	Kumar, S., Sharma, G., Sidiq, T., Khajuria, A., Jain, M., Bhagwat, D., Dhar, K.L.	2014	EXCLI Journal	13	-	137-150	2.17
Swift heavy ions induced surface modifications in Ag-polypyrrole composite films synthesized by an electrochemical route	Kumar, V., Ali, Y., Sharma, K., Kumar, V., Sonkawade, R.G., Dhaliwal, A.S., Swart, H.C.	2014	Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms	323	-	Jul-13	1.36
A thermotolerant protease from Bacillus sp. isolation, characterization, optimization and purification	Kumari, P., Jandaik, S., Batta, S.	2014	Journal of Pure and Applied Microbiology	8	5	3667-3674	0.14
Study of Ca doping on A- site on the structural and physical properties of BLTMNZ ceramics	Kumari, P., Rai, R., Kholkin, A.L., Tiwari, A.	2014	Advanced Materials Letters	5	5	255-259	-
Enhanced eIF1 binding to the 40S ribosome impedes conformational rearrangements of the preinitiation complex and elevates initiation accuracy	Martin-Marcos, P., Nanda, J.S., Luna, R.E., Zhang, F., Saini, A.K., Cherkasova, V.A., Wagner, G., Lorsch, J.R., Hinnebusch, A.G.	2014	RNA	20	2	150-167	3.66
Effect of cost-effective substrates on growth cycle and yield of lingzhi or reishi medicinal mushroom, Ganoderma lucidum (Higher Basidiomycetes) from Northwestern Himalaya (India)	Mehta, S., Jandaik, S., Gupta, D.	2014	International Journal of Medicinal Mushrooms	16	6	585-591	1.38
Novel preparations of culture media for cultivation of Cryptococcus neoformans with extracts of different plant products	Minhas, N., Bharti, , Patil, S., Sharma, P.C.	2014	International Journal of Pharmaceutical Sciences Review and Research	24	1	70-75	-
Anticancer hybrids- a patent survey	Nepali, K., Sharma, S., Kumar, D., Budhiraja, A., Dhar, K.L.	2014	Recent Patents on Anti-Cancer Drug Discovery	9	3	303-339	2.59
Quantitative structure-activity relationship (QSAR) studies as strategic approach in drug discovery	Patel, H.M., Noolvi, M.N., Sharma, P., Jaiswal, V., Bansal, S., Lohan, S., Kumar, S.S., Abbot, V., Dhiman, S., Bhardwaj, V.	2014	Medicinal Chemistry Research	23	12	4991-5007	1.61
Preparation and characterization of nanoscale cadmium oxide using bovine serum albumin as green capping agent and its photocatalytic activity	Pathania, D., Sarita, , Singh, P., Pathania, S.	2014	Desalination and Water Treatment	52	19-21	3497-3503	1.38

Fabrication of nanocomposite polyaniline zirconium(IV) silicophosphate for photocatalytic and antimicrobial activity	Pathania, D., Sharma, G., Kumar, A., Kothiyal, N.C.	2014	Journal of Alloys and Compounds	588	-	668-675	3.66
Synthesis and characterization of a new nanocomposite cation exchanger polyacrylamide Ce(IV) silicophosphate: Photocatalytic and antimicrobial applications	Pathania, D., Sharma, G., Naushad, M., Kumar, A.	2014	Journal of Industrial and Engineering Chemistry	20	5	3596-3603	4.53
Nanosized Metal Oxide-Based Adsorbents for Heavy Metal Removal: A Review	Pathania, D., Singh, P.	2014	Advanced Materials for Agriculture, Food and Environmental Safety	9.78E+12	-	243-263	-
Synthesis, characterization and antibacterial activity of biodegradable starch/PVA composite films reinforced with cellulosic fibre	Priya, B., Gupta, V.K., Pathania, D., Singha, A.S.	2014	Carbohydrate Polymers	109	-	171-179	5.58
Study of electrical and magnetic properties of Ba, La and Pb doped Bi _{1-x-y} Dy _x CyFe _{1-y} TiyO ₃ perovskite ceramics	Rai, R., Valente, M.A., Bdikin, I., Kholkin, A.L., Sharma, S.	2014	Solid State Communications	180	-	56-63	1.47
Zero valent iron-brick grain nanocomposite for enhanced solar-Fenton removal of malachite green	Raizada, P., Singh, P., Kumar, A., Pare, B., Jonnalagadda, S.B.	2014	Separation and Purification Technology	133	-	429-437	4.25
Solar photocatalytic activity of nano-ZnO supported on activated carbon or brick grain particles: Role of adsorption in dye degradation	Raizada, P., Singh, P., Kumar, A., Sharma, G., Pare, B., Jonnalagadda, S.B., Thakur, P.	2014	Applied Catalysis A: General	486	-	159-169	4.48
Modified chitosan microspheres in non-aggregated amylase immobilization	Rana, M., Kumari, A., Chauhan, G.S., Chauhan, K.	2014	International Journal of Biological Macromolecules	66	-	46-51	4.11
A review on efflux pump inhibitors of medically important bacteria from plant sources	Rana, T., Singh, S., Kaur, N., Pathania, K., Farooq, U.	2014	International Journal of Pharmaceutical Sciences Review and Research	26	2	101-111	-
Styrene-tin (IV) phosphate nanocomposite for photocatalytic degradation of organic dye in presence of visible light	Rathore, B.S., Pathania, D.	2014	Journal of Alloys and Compounds	606	-	105-111	3.66
Synthesis, characterization and antibacterial activity of cellulose acetate-tin (IV) phosphate nanocomposite	Rathore, B.S., Sharma, G., Pathania, D., Gupta, V.K.	2014	Carbohydrate Polymers	103	1	221-227	5.58
Eukaryotic translation initiation factor eIF5 promotes the accuracy of start codon recognition by regulating Pi release and conformational transitions of the preinitiation complex	Saini, A.K., Nanda, J.S., Martin-Marcos, P., Dong, J., Zhang, F., Bhardwaj, M., Lorsch, J.R., Hinnebusch, A.G.	2014	Nucleic Acids Research	42	15	9623-9640	10.84
Curcumin loaded microsponges for colon targeting in inflammatory bowel disease: Fabrication, optimization, and in vitro and pharmacodynamic evaluation	Sareen, R., Nath, K., Jain, N., Dhar, K.L.	2014	BioMed Research International	2014	-	-	2.55
2-(2-Arylphenyl)benzoxazole as a novel anti-inflammatory scaffold: Synthesis and biological evaluation	Seth, K., Garg, S.K., Kumar, R., Purohit, P., Meena, V.S., Goyal, R., Banerjee, U.C., Chakraborti, A.K.	2014	ACS Medicinal Chemistry Letters	5	5	512-516	3.47
First report of Amaranthus sp. as a natural host of capsicum chlorosis virus in India	Sharma, A., Kulshrestha, S.	2014	VirusDisease	25	3	412-413	1.21
Rapid designing and development of multi-layered nano plasmonic sensor devices for immunodiagnosics	Sharma, D., Dwivedi, R.P.	2014	Optics InfoBase Conference Papers	-	-	-	-
Probiotic and alcohol producing microbial diversity from the traditional fermented foods and beverages of Himachal Pradesh	Sharma, D., Kumar, A., Kumar, A.	2014	Journal of Pure and Applied Microbiology	8	3	2473-2484	0.14

Preparation, characterization and antimicrobial activity of biopolymer based nanocomposite ion exchanger pectin zirconium(IV) selenotungstophosphate: Application for removal of toxic metals	Sharma, G., Pathania, D., Naushad, M.	2014	Journal of Industrial and Engineering Chemistry	20	6	4482-4490	4.53
Fabrication, characterization and antimicrobial activity of polyaniline Th(IV) tungstomolybdophosphate nanocomposite material: Efficient removal of toxic metal ions from water	Sharma, G., Pathania, D., Naushad, M., Kothiyal, N.C.	2014	Chemical Engineering Journal	251	-	413-421	7.01
Gum ghatti based novel electrically conductive biomaterials: A study of conductivity and surface morphology	Sharma, K., Kaith, B.S., Kumar, V., Kalia, S., Kumar, V., Som, S., Swart, H.C.	2014	Express Polymer Letters	8	4	267-281	2.92
Water retention and dye adsorption behavior of Gg-cl-poly(acrylic acid-aniline) based conductive hydrogels	Sharma, K., Kaith, B.S., Kumar, V., Kalia, S., Kumar, V., Swart, H.C.	2014	Geoderma	232-234	-	45-55	4.21
Synthesis and biodegradation studies of gamma irradiated electrically conductive hydrogels	Sharma, K., Kaith, B.S., Kumar, V., Kalia, S., Kumar, V., Swart, H.C.	2014	Polymer Degradation and Stability	107	-	166-177	3.59
A comparative study of the effect of Ni 9+ and Au 8+ ion beams on the properties of poly(methacrylic acid) grafted gum ghatti films	Sharma, K., Kaith, B.S., Kumar, V., Kumar, V., Kalia, S., Kapur, B.K., Swart, H.C.	2014	Radiation Physics and Chemistry	97	-	253-261	1.43
Corrigendum to: A comparative study of the effect of Ni9+ and Au8+ ion beams on the properties of poly(methacrylic acid) grafted gum ghatti films [Radiat. Phys. Chem. 97 (2014) 253-261]	Sharma, K., Kaith, B.S., Kumar, V., Kumar, V., Kalia, S., Kapur, B.K., Swart, H.C.	2014	Radiation Physics and Chemistry	99	-	97-	1.43
A study of the biodegradation behaviour of poly(methacrylic acid/aniline)-grafted gum ghatti by a soil burial method	Sharma, K., Kumar, V., Kaith, B.S., Kumar, V., Som, S., Kalia, S., Swart, H.C.	2014	RSC Advances	4	49	25637-25649	3.01
Synthesis and cytotoxicity studies of 3,5-diaryl N-acetyl pyrazoline - Isatin hybrids	Sharma, M., Sharma, S., Buddhiraja, A., Saxena, A.K., Nepali, K., Bedi, P.M.S.	2014	Medicinal Chemistry Research	23	10	4337-4344	1.61
Chalcone based azacarboline analogues as novel antitubulin agents: Design, synthesis, biological evaluation and molecular modelling studies	Sharma, S., Kaur, C., Buddhiraja, A., Nepali, K., Gupta, M.K., Saxena, A.K., Bedi, P.M.S.	2014	European Journal of Medicinal Chemistry	85	-	648-660	4.63
Comparative analysis of antibacterial and antifungal properties of traditional medicinal plants of Shimla and Solan, Himachal Pradesh	Sharma, V., Sharma, H.V., Mehta, D., Chhabra, B., Thakur, D., Sourirajan, A., Dev, K.	2014	International Journal of Pharmacognosy and Phytochemical Research	6	1	18-26	-
Solar-Fenton removal of malachite green with novel Fe0-activated carbon nanocomposite	Singh, P., Raizada, P., Kumari, S., Kumar, A., Pathania, D., Thakur, P.	2014	Applied Catalysis A: General	476	-	Sep-18	4.48
Structural, dielectric and magnetic properties of nanocrystalline BaFe 12 O 19 hexaferrite processed via sol-gel technique	Singh, V.P., Kumar, G., Dhiman, P., Kotnala, R.K., Shah, J., Batoo, K.M., Singh, M.	2014	Advanced Materials Letters	5	8	447-452	-
Analysis and Characterization of Microwave Irradiation-Induced Graft Copolymerization of Methyl Methacrylate onto Delignified Grewia Optiva Fiber	Singha, A.S., Thakur, B.P., Pathania, D.	2014	International Journal of Polymer Analysis and Characterization	19	2	115-123	1.57
Structural, magnetic and electromagnetic characterization of In 3+ substituted Mn-Zn Nanoferrites	Thakur, A., Thakur, P., Hsu, J.-H.	2014	Zeitschrift fur Physikalische Chemie	228	6-Jul	663-672	1.08
Structural, magnetic and electromagnetic characterization of In3+ substituted Mn-Zn nanoferrites	Thakur, A., Thakur, P., Hsu, J.-H.	2014	Zeitschrift fur Physikalische Chemie	228	6-Jul	663-672	1.08

Structural, dielectric and magnetic properties of Gd and Dy doped (Bi _{0.95} RE _{0.05})(Fe _{0.95} Mn _{0.05})O ₃ ceramics synthesized by SSR method	Thakur, S., Rai, R., Tiwari, A.	2014	Solid State Communications	197	-	1-May	1.47
Entropy based noise clustering soft classification method for identification of wheat crop using time series MODIS data	Upadhyay, P., Ghosh, S.K., Kumar, A.	2014	2014 The 3rd International Conference on Agro-Geoinformatics, Agro-Geoinformatics 2014	-	-	-	-
Molecular dynamics simulations of certain RGD-based peptides from kistrin provide insight into the higher activity of REI-RGD34 protein at higher temperature	Upadhyay, S.K.	2014	Chemical Biology and Drug Design	83	5	600-609	2.25
Study on distribution and habitat ecology of a rare lady slipper orchid (<i>Cypripedium cordigerum</i> D. Don) in Himachal Pradesh	Verma, J., Kusum, K., Sembi, J.K.	2014	Vegetos	27	2	382-388	0.3
Study on seed morphometry of some threatened Western Himalayan orchids	Verma, J., Sharma, K., Thakur, K., Sembi, J.K., Vij, S.P.	2014	Turkish Journal of Botany	38	2	234-251	1.19
Indian herbal medicine - A natural cure to asthma	Vikas, S., Dhar, K.L., Pooja, S., Parul, S.	2014	International Journal of Pharmacognosy and Phytochemical Research	5	4	302-310	-
Purification and characterization of cellulase-free low molecular weight endo β -1,4 xylanase from an alkalophilic <i>Cellulosimicrobium cellulans</i> CKMX1 isolated from mushroom compost	Walia, A., Mehta, P., Chauhan, A., Kulshrestha, S., Shirkot, C.K.	2014	World Journal of Microbiology and Biotechnology	30	10	2597-2608	2.14
Ab initio computational study of 2-thioureidobenzoxazole molecule	Aditya, P., Muthukumar, V.S., Sharma, J.D., Sundaresan, C.N.	2013	AIP Conference Proceedings	1536	-	415-416	0.26
Polypyrrole microspheroidals decorated with Ag nanostructure: Synthesis and their characterization	Ali, Y., Sharma, K., Kumar, V., Sonkawade, R.G., Dhaliwal, A.S.	2013	Applied Surface Science	280	-	950-956	4.22
Catechin prodrugs and analogs: A new array of chemical entities with improved pharmacological and pharmacokinetic properties	Bansal, S., Vyas, S., Bhattacharya, S., Sharma, M.	2013	Natural Product Reports	30	11	1438-1454	9.84
Screening of leaf extracts of <i>Azadirachta indica</i> (Neem), <i>Aegle marmelos</i> (Bael) and <i>Trigonella foenum graecum</i> (Methi) for their inhibitory activity on the strains of <i>pseudomonas aeruginosa</i> , <i>staphylococcus aureus</i> and <i>Candida</i> spp	Batta, B., Katoch, A., Bhatia, V.K., Patil, S., Sharma, P.C.	2013	International Journal of Pharmaceutical Sciences Review and Research	19	2	42-46	-
Peroxide treatment of soy protein fibers followed by grafting of poly(methyl acrylate) and copolymers	Bhardwaj, P., Kalia, S., Kumar, A., Mittal, H.	2013	Journal of Renewable Materials	1	4	302-310	0.94
Novel preparations of culture media from plant materials for cultivation of <i>Candida albicans</i>	Bharti, , Minhas, N., Patil, S., Kumar, A., Sharma, P.C.	2013	International Journal of Pharmaceutical Sciences Review and Research	20	1	128-133	-
Surface Functionalization of Sisal Fibers Using Peroxide Treatment Followed by Grafting of Poly(ethyl acrylate) and Copolymers	Bharti, B., Kalia, S., Kumar, S., Kumar, A., Mittal, H.	2013	International Journal of Polymer Analysis and Characterization	18	8	596-607	1.57
Quantitative determination of a novel pseudoalkaloid colchatetralene isolated from the mycoflora of <i>Gloriosa superba</i> Linn by HPTLC	Budhiraja, A., Nepali, K., Gouttam, V., Sapra, S., Dhar, K.L.	2013	Natural Products Journal	3	3	176-181	0.29

Determination of prevalence and antibacterial activity of ESBL (extended spectrum beta-lactamases) producing Klebsiella species isolated from raw milk of doon valley in India	Chauhan, S., Farooq, U., Singh, V., Kumar, A.	2013	International Journal of Pharma and Bio Sciences	4	1	417-423	-
Psoralea corylifolia L. (Buguchi) - Folklore to modern evidence: Review	Chopra, B., Dhingra, A.K., Dhar, K.L.	2013	Fitoterapia	90	-	44-56	2.91
Draft genome sequence of a plant growth-promoting rhizobacterium, Serratia fonticola strain AU-P3(3)	Devi, U., Khatri, I., Kumar, N., Kumar, L., Sharma, D., Subramanian, S., Saini, A.K.	2013	Genome Announcements	1	6	-	1.01
Draft genome sequence of plant-growth-promoting rhizobacterium Serratia fonticola strain AUAP2C, isolated from the pea rhizosphere	Devi, U., Khatri, I., Kumar, N., Sharma, D., Subramanian, S., Saini, A.K.	2013	Genome Announcements	1	6	-	1.01
Occurrence of arbuscular mycorrhizae in rhizospheric soils of different crops and agroclimatic zones of Himachal Pradesh, India	Dohroo, A., Sharma, D.R., Dohroo, N.P.	2013	Indian Journal of Agricultural Research	47	4	373-376	0.24
Possible modulation of FAS and PTP-1B signaling in ameliorative potential of Bombax ceiba against high fat diet induced obesity	Gupta, P., Goyal, R., Chauhan, Y., Sharma, P.L.	2013	BMC Complementary and Alternative Medicine	13	-	-	2.59
Use of pectin-thorium (IV) tungstomolybdate nanocomposite for photocatalytic degradation of methylene blue	Gupta, V.K., Agarwal, S., Pathania, D., Kothiyal, N.C., Sharma, G.	2013	Carbohydrate Polymers	96	1	277-283	5.58
Acrylic acid grafted cellulosic Luffa cylindrical fiber for the removal of dye and metal ions	Gupta, V.K., Agarwal, S., Singh, P., Pathania, D.	2013	Carbohydrate Polymers	98	1	1214-1221	5.58
Removal of Cr(VI) onto Ficus carica biosorbent from water	Gupta, V.K., Pathania, D., Agarwal, S., Sharma, S.	2013	Environmental Science and Pollution Research	20	4	2632-2644	2.84
Remediation of noxious chromium (VI) utilizing acrylic acid grafted lignocellulosic adsorbent	Gupta, V.K., Pathania, D., Sharma, S., Agarwal, S., Singh, P.	2013	Journal of Molecular Liquids	177	-	343-352	4.26
Remediation and recovery of methyl orange from aqueous solution onto acrylic acid grafted Ficus carica fiber: Isotherms, kinetics and thermodynamics	Gupta, V.K., Pathania, D., Sharma, S., Agarwal, S., Singh, P.	2013	Journal of Molecular Liquids	177	-	325-334	4.26
Preparation of bio-based porous carbon by microwave assisted phosphoric acid activation and its use for adsorption of Cr(VI)	Gupta, V.K., Pathania, D., Sharma, S., Singh, P.	2013	Journal of Colloid and Interface Science	401	-	125-132	4.85
Cellulose acetate-zirconium (IV) phosphate nanocomposite with enhanced photo-catalytic activity	Gupta, V.K., Pathania, D., Singh, P., Rathore, B.S., Chauhan, P.	2013	Carbohydrate Polymers	95	1	434-440	5.58
Finite element method: An overview	Jagota, V., Sethi, A.P.S., Kumar, K.	2013	Walailak Journal of Science and Technology	10	1	1-Aug	0.42
Antimicrobial activity of bacteriocin produced by lactic acid bacteria isolated from milk products	Jandaik, S., Sharma, M., Kumar, J., Singh, R.	2013	Journal of Pure and Applied Microbiology	7	1	603-608	0.14
Comparative growth characteristics and yield attributes of Lingzhi or Reishi medicinal mushroom, Ganoderma lucidum (Higher Basidiomycetes) on different substrates in India	Jandaik, S., Singh, R., Sharma, M.	2013	International Journal of Medicinal Mushrooms	15	5	497-503	1.38
Surface modification of plant fibers using environment friendly methods for their application in polymer composites, textile industry and antimicrobial activities: A review	Kalia, S., Thakur, K., Celli, A., Kiechel, M.A., Schauer, C.L.	2013	Journal of Environmental Chemical Engineering	1	3	97-112	4.01

Effects of alkaline earth metal ions on thermodynamic and ultrasonic properties of ascorbic acid	Kant, S., Kumar, S.	2013	Journal of Chemical and Engineering Data	58	5	1294-1300	2.33
Draft genome sequence of plant growth-promoting rhizobacterium Pantoea sp. strain ASPWVM4	Khatri, I., Kaur, S., Devi, U., Kumar, N., Sharma, D., Subramanian, S., Saini, A.K.	2013	Genome Announcements	1	6	-	1.01
FEM analysis of turgo impulse turbine blade	Khurana, S., Goel, V., Kumar, A.	2013	Walailak Journal of Science and Technology	10	4	363-368	0.42
The effect of nozzle angle on erosion and the performance of turgo impulse turbines	Khurana, S., Kumar, V., Kumar, A.	2013	International Journal on Hydropower and Dams	20	2	97-101	-
Molecular characterization and intermolecular interaction of coat protein of Prunus necrotic ringspot virus: Implications for virus assembly	Kulshrestha, S., Hallan, V., Sharma, A., Seth, C.A., Chauhan, A., Zaidi, A.A.	2013	Indian Journal of Virology	24	2	235-241	-
Molecular biology of Tomato spotted wilt virus: An update	Kulshrestha, S., Sharma, A., Seth, C.A.	2013	Journal of Applied Horticulture	15	2	71-80	0.21
Phosphate solubilizing bacterial diversity from the rhizospheric soils of sub-temperate region of Himachal Pradesh	Kumar, A., Kumar, A., Pratush, A.	2013	Vegetos	26	1	143-150	0.3
Development of correlations for Nusselt number and friction factor for solar air heater with roughened duct having multi v-shaped with gap rib as artificial roughness	Kumar, A., Saini, R.P., Saini, J.S.	2013	Renewable Energy	58	-	151-163	5.38
Characterization of potential oil degrading and plant growth promoting bacteria from the soils of Himachal Pradesh	Kumar, A., Sharma, M., Kumar, A.	2013	Journal of Pure and Applied Microbiology	7	3	2287-2294	0.14
Gold nanoparticles: An era in bionanotechnology	Kumar, D., Saini, N., Jain, N., Sareen, R., Pandit, V.	2013	Expert Opinion on Drug Delivery	10	3	397-409	4.92
2.50 Gbit/s FSO system using PPM modulation schemes in HAP to ground links	Kumar, N.	2013	Journal of Optical Communications	34	4	371-375	0.33
Band gap engineering in nano structured graphane by applying elastic strain	Kumar, N., Sharma, J.D., Kumar, A., Ahluwalia, P.K.	2013	AIP Conference Proceedings	1512	-	192-193	0.26
First principle study of transport properties of a graphene nano structure	Kumar, N., Sharma, M., Sharma, J.D., Ahluwalia, P.K.	2013	AIP Conference Proceedings	1536	-	139-140	0.26
Energy analysis of a building using artificial neural network: A review	Kumar, R., Aggarwal, R.K., Sharma, J.D.	2013	Energy and Buildings	65	-	352-358	4.96
Phosphate solubilisation and plant growth promoting potential by stress tolerant Bacillus sp. isolated from rhizosphere of apple orchards in trans Himalayan region of Himachal Pradesh	Mehta, P., Walia, A., Chauhan, A., Kulshrestha, S., Shirkot, C.K.	2013	Annals of Applied Biology	163	3	430-443	2.28
Coordinated movements of eukaryotic translation initiation Factors eIF1, eIF1A, and eIF5 trigger phosphate release from eIF2 in response to start codon recognition by the ribosomal preinitiation complex	Nanda, J.S., Saini, A.K., Muñoz, A.M., Hinnebusch, A.G., Lorsch, J.R.	2013	Journal of Biological Chemistry	288	8	5316-5329	4.04
In-vitro screening of probiotic potential of the micro-organisms isolated from various food sources commercially available in Solan, Himachal Pradesh (India)	Negi, S., Kumari, D., Chauhan, V.	2013	International Journal of Pharmaceutical Sciences Review and Research	22	2	279-284	-

Design, synthesis and evaluation of arylidene pyrrolo and pyrido fused quinazolones as antimicrobial agents	Nepali, K., Ojha, R., Singh, A., Budhiraja, A., Bedi, P.M.S., Dhar, K.L.	2013	Letters in Drug Design and Discovery	10	6	522-528	0.94
Emergence of methicillin resistant Staphylococcus aureus strains (MRSA) and Multi drug resistant (MDR) strains in Himachal Pradesh	Patil, S., Sharma, D.K., Sharma, P.C.	2013	International Journal of Pharmaceutical Sciences Review and Research	23	1	1-May	-
Influence of Li and Ia content on phase structures and electrical properties of K0.5NaK0.5NbO3 lead-free piezoelectric ceramics	Rai, R., Rani, R., Sharma, S., Kholkin, A.L.	2013	Journal of Alloys and Compounds	577	-	575-580	3.66
Isolation, characterization and antibiotic susceptibility testing of enteric bacteria isolated from urinary tract infections	Rana, T., Jasumati, , Kaur, N., Thakur, P.	2013	International Journal of Pharma and Bio Sciences	4	2	B631-B639	-
In vitro antifungal activity of Indian liposomal amphotericin B against clinical isolates of emerging species of yeast and moulds, and its comparison with amphotericin B deoxycholate, voriconazole, itraconazole and fluconazole	Rudramurthy, S.M., Jatana, M., Singh, R., Chakrabarti, A.	2013	Mycoses	56	1	39-46	2.71
Development of colon specific microspheres of flurbiprofen for inflammatory bowel disease.	Sareen, R., Jain, N., Dhar, K.L.	2013	Current drug delivery	10	5	564-571	1.67
Curcumin: A boon to colonic diseases	Sareen, R., Jain, N., Pandit, V.	2013	Current Drug Targets	14	10	1210-1218	2.27
Nanocarriers for diagnosis and targeting of breast cancer	Sharma, A., Jain, N., Sareen, R.	2013	BioMed Research International	2013	-	-	2.55
Computational study of dielectric function and optical properties of a graphane nano structure containing graphene quantum dot	Sharma, J.D., Sharma, M., Kumar, N., Ahluwalia, P.K.	2013	Journal of Physics: Conference Series	472	1	-	0.48
Synthesis and properties of poly(acrylamide-aniline)-grafted gum ghatti based nanospikes	Sharma, K., Kaith, B.S., Kumar, V., Kumar, V., Som, S., Kalia, S., Swart, H.C.	2013	RSC Advances	3	48	25830-25839	3.01
Surface ozone concentration and its behaviour with aerosols in the northwestern Himalaya, India	Sharma, P., Kuniyal, J.C., Chand, K., Guleria, R.P., Dhyani, P.P., Chauhan, C.	2013	Atmospheric Environment	71	-	44-53	4.12
Preparation and characterization of pH-responsive guar gum microspheres	Sharma, S., Kaur, J., Sharma, G., Thakur, K.K., Chauhan, G.S., Chauhan, K.	2013	International Journal of Biological Macromolecules	62	-	636-641	4.11
Preparation, characterization and Cr(VI) adsorption behavior study of poly(acrylic acid) grafted Ficus carica bast fiber	Sharma, S., Pathania, D., Singh, P.	2013	Advanced Materials Letters	4	4	271-276	-
Preparation of BSA-ZnWO4 nanocomposites with enhanced adsorptional photocatalytic activity for methylene blue degradation	Singh, P., Raizada, P., Pathania, D., Kumar, A., Thakur, P.	2013	International Journal of Photoenergy	2013	-	-	1.18
Microwave induced KOH activation of guava peel carbon as an adsorbent for congo red dye removal from aqueous phase	Singh, P., Raizada, P., Pathania, D., Sharma, G., Sharma, P.	2013	Indian Journal of Chemical Technology	20	5	305-311	0.5
Study on distribution, habitat characteristics and seed morphometry of a medicinal orchid, Eulophia herbacea Lindl	Thakur, K.K., Verma, J.	2013	Vegetos	26	2	121-126	0.3

High-avidity T cells are preferentially tolerized in the tumor microenvironment	Zhu, Z., Singh, V., Watkins, S.K., Bronte, V., Shoe, J.L., Feigenbaum, L., Hurwitz, A.A.	2013	Cancer Research	73	2	595-604	7.35
Polycarboxylated guar gum and starch-based hydrogels as stimuli sensitive carriers for insulin loading and delivery	Chauhan, K., Dharela, R., Chauhan, G.S.	2012	Trends in Carbohydrate Research	4	1	33-41	-
Modified pectin-based polymers as green antiscalants for calcium sulfate scale inhibition	Chauhan, K., Kumar, R., Kumar, M., Sharma, P., Chauhan, G.S.	2012	Desalination	305	-	31-37	6.41
Genetic polymorphism in plasmodium falciparum: Differentiation of parasite isolates of high & low virulence by RAPD	Farooq, U., Dubey, M.L., Shrivastava, S.K., Mahajan, R.C.	2012	Indian Journal of Medical Research	136	2	292-295	1.06
Possible mechanism of Plumbago zeylanica in prevention of hepatic damage in Wistar rat	Goyal, R., Lal Sharma, P.	2012	American Journal of Pharmacology and Toxicology	7	3	101-108	-
De-coloration of hazardous dye from water system using chemically modified Ficus carica adsorbent	Gupta, V.K., Pathania, D., Agarwal, S., Sharma, S.	2012	Journal of Molecular Liquids	174	-	86-94	4.26
Adsorptional photocatalytic degradation of methylene blue onto pectin-CuS nanocomposite under solar light	Gupta, V.K., Pathania, D., Agarwal, S., Singh, P.	2012	Journal of Hazardous Materials	243	-	179-186	6.75
Hepatoprotective potential of Tecomella undulata stem bark is partially due to the presence of betulinic acid	Jain, M., Kapadia, R., Jadeja, R.N., Thounaojam, M.C., Devkar, R.V., Mishra, S.H.	2012	Journal of Ethnopharmacology	143	1	194-200	3.49
Traditional uses, phytochemistry and pharmacology of Tecomella undulata- A review	Jain, M., Kapadia, R., Jadeja, R.N., Thounaojam, M.C., Devkar, R.V., Mishra, S.H.	2012	Asian Pacific Journal of Tropical Biomedicine	2	3 SUPPL	S1918- S1923	1.86
Protective role of standardized Feronia limonia stem bark methanolic extract against carbon tetrachloride induced hepatotoxicity	Jain, M., Kapadia, R., Jadeja, R.N., Thounaojam, M.C., Devkar, R.V., Mishra, S.H.	2012	Annals of Hepatology	11	6	935-943	1.4
Amelioration of carbon tetrachloride induced hepatotoxicity in rats by standardized Feronia limonia. linn leaf extracts	Jain, M., Kapadia, R., Jadeja, R.N., Thounaojam, M.C., Devkar, R.V., Mishra, S.H.	2012	EXCLI Journal	11	-	250-259	2.17
Surface Modification of Sisal Fibers (Agave sisalana) Using Bacterial Cellulase and Methyl Methacrylate	Kalia, S., Vashistha, S.	2012	Journal of Polymers and the Environment	20	1	142-151	2.14
Surface modification of sisal fibers using cellulase and microwave-assisted grafting: A study of morphology, crystallinity, and thermal stability	Kalia, S., Vashistha, S.	2012	International Journal of Polymeric Materials and Polymeric Biomaterials	61	14	1130-1141	1.88
Morphological and mechanical studies OF Polyhydroxybutyrate COMPOSITES REINFORCED WITH FLAX-g-POLY(MA), FLAX-g-POLY(MA-co-AAc), and FLAX-g-POLY(MA-co-VA)	Kalia, S., Verma, S.	2012	Composites: Mechanics, Computations, Applications	3	3	263-274	0.23
speB gene as a specific genetic marker for early detection of rheumatic heart disease in human	Kaushal, A., Kumar, D., Khare, S., Kumar, A.	2012	Cellular and Molecular Biology	58	1	50-54	1.4
Application of a rapid serological vdrI test for detection of anti Treponema pallidum antibodies in serum of suspected syphilis patients	Kumar, A., Kumar, A., Kumari, R., Patil, S., Kumar, A., Negi, S.	2012	International Journal of Pharmaceutical Sciences Review and Research	12	2	80-82	-
Smear and culture examination of clinical samples from suspected patients for Mycobacterium tuberculosis	Kumar, A., Kumar, A., Sharma, K., Patil, S., Chauhan, V., Pratush, A., Sharma, P.C.	2012	International Journal of Pharmaceutical Sciences Review and Research	12	2	83-85	-

Antifungal activity of some natural essential oils against <i>Candida</i> species isolated from blood stream	Kumar, A., Thakur, S., Thakur, V.C., Kumar, A., Patil, S., Vohra, M.P.	2012	Journal of Krishna Institute of Medical Sciences University	1	1	61-66	0.08
A review of immunomodulators in the Indian traditional health care system	Kumar, D., Arya, V., Kaur, R., Bhat, Z.A., Gupta, V.K., Kumar, V.	2012	Journal of Microbiology, Immunology and Infection	45	3	165-184	1.66
In vitro comparative evaluation of antibacterial activity of fruiting body and mycelial extracts of <i>Ganoderma lucidum</i> against pathogenic bacteria	Mehta, S., Jandaik, S.	2012	Journal of Pure and Applied Microbiology	66	4	1997-2001	0.14
Efficient preparation of tetrasubstituted pyrazines starting from pyrazin-2(1H)-ones	Modha, S.G., Trivedi, J.C., Mehta, V.P., Ermolat'Ev, D.S., Van Der Eycken, E.V.	2012	Synthesis (Germany)	44	11	1614-1624	2.31
Matrix tablets: An effective way for oral controlled release drug delivery	Nisha, S., Mathew, G., Lincy, J.	2012	Iranian Journal of Pharmaceutical Sciences	8	3	165-170	0.33
Synthesis and characterization of graft copolymers of methacrylic acid onto gelatinized potato starch using chromic acid initiator in presence of air	Pathania, D., Sharma, R.	2012	Advanced Materials Letters	3	2	136-142	-
Graft copolymerization of acrylic acid onto gelatinized potato starch for removal of metal ions and organic dyes from aqueous system	Pathania, D., Sharma, R., Kalia, S.	2012	Advanced Materials Letters	3	3	259-264	-
Effect of surfactants and electrolyte on removal and recovery of basic dye by using ficus carica cellulosic fibers as biosorbent	Pathania, D., Sharma, S.	2012	Tenside, Surfactants, Detergents	49	4	306-315	0.74
A review on draft guidance for establishing bioequivalence for orally administered nonabsorbing antibiotics: Vancomycin Hydrochloride	Purohit, S., Gupta, S., Khanna, A., Jain, M.	2012	International Journal of Pharmaceutical Sciences Review and Research	15	2	66-70	-
Multiparticulate formulation of valdecoxib for the treatment of rheumatoid arthritis	Rupesh, A.G., Suresh, S., Pandit, V.	2012	Journal of Applied Pharmaceutical Science	2	6	217-222	0.69
An insight to osmotic drug delivery	Sareen, R., Jain, N., Kumar, D.	2012	Current Drug Delivery	9	3	285-296	1.67
Correlations for solar air heater duct with dimpled shape roughness elements on absorber plate	Sethi, M., Varun, , Thakur, N.S.	2012	Solar Energy	86	9	2852-2861	4.89
Molecular characterization of Manikaran hot spring microbial community by 16S rRNA and RAPD analysis	Sharma, B., Verma, R., Dev, K., Thakur, R.	2012	BioTechnology: An Indian Journal	6	8-Sep	254-266	-
Prion diseases: Combat of genomes and contest for the survival of fittest in microbial world	Sharma, G., Kumar, S., Bhagwat, D.P.	2012	Drug Invention Today	4	7	381-386	0.2
Phenotypic and genotypic characterization of MDR isolates of <i>Staphylococcus aureus</i> from urine and sputum in Himachal Pradesh	Sharma, N., Singh, S., Bains, A.	2012	Drug Invention Today	4	10	497-500	0.2
Earthworm diversity at Nilgiri biosphere reserve, Western Ghats, India	Shylesh Chandran, M.S., Sujatha, S., Mohan, M., Julka, J.M., Ramasamy, E.V.	2012	Biodiversity and Conservation	21	13	3343-3353	2.77
Magnetic behaviour of Ni _{0.4} Zn _{0.6} Co _{0.1} Fe _{1.9} O ₄ spinel nano-ferrite	Thakur, A., Thakur, P., Hsu, J.-H.	2012	Journal of Applied Physics	111	7	-	2.03
Skeletal muscle relaxant activity of chloroform extract of <i>Phyllostachys bambusoides</i> on wistar rats	Tomar, S.K., Sharma, G., George, M.	2012	International Journal of Pharmacy and Pharmaceutical Sciences	4	SUPPL .3	370-373	-
Ethno-medicinal uses of some plants of Kanag hill in Shimla, Himachal Pradesh, India	Verma, R., Parkash, V., Kumar, D.	2012	International Journal of Research in Ayurveda and Pharmacy	3	2	319-322	-
Phytochemical analysis of fruit extract of <i>Myrsine africana</i>	Abbhi, V., Joseph, L., George, M.	2011	International Journal of Pharmacy and Pharmaceutical Sciences	3	4	427-430	-

A review on plants having anti-arthritis potential	Arya, V., Gupta, V.K., Kaur, R.	2011	International Journal of Pharmaceutical Sciences Review and Research	7	2	131-136	-
A newer approach in purification of acetone extract of <i>Pyrus pashia</i> Buch.-Ham. ex D. Don stem bark	Arya, V., Sharma, R., Parmar, R.K.	2011	International Journal of Pharmaceutical Sciences Review and Research	9	2	142-146	-
Amphotericin-B-loaded polymersomes formulation (PAMBO) based on (PEG)3-PLA copolymers: An in vivo evaluation in a murine model	Jain, J.P., Jatana, M., Chakrabarti, A., Kumar, N.	2011	Molecular Pharmaceutics	8	1	204-212	4.86
Antipyretic and analgesic effects of the aqueous extract of the <i>Prosopis cineraria</i>	Joseph, L., George, M., Sharma, A., Gopal, N.	2011	Global Journal of Pharmacology	5	2	73-77	-
<i>Memecylon umbellatum</i> (Melastomataceae): A review	Joshi, H., Gururaja, M.P., Singh, S.	2011	International Journal of Pharmaceutical Sciences Review and Research	11	2	54-58	-
Natural fibers, bio- and nanocomposites	Kalia, S., Avastros, L., Njuguna, J., Dufresne, A., Cherian, B.M.	2011	International Journal of Polymer Science	2011	-	-	1.2
Cellulose-based bio- and nanocomposites: A review	Kalia, S., Dufresne, A., Cherian, B.M., Kaith, B.S., Avastros, L., Njuguna, J., Nassiopoulos, E.	2011	International Journal of Polymer Science	2011	-	-	1.2
Phytochemical analysis of leaf extract of <i>Aesculus indica</i>	Kaur, L., Joseph, L., George, M.	2011	International Journal of Pharmacy and Pharmaceutical Sciences	3	SUPPL .5	232-234	-
Starch-grafted polypropylene: Synthesis and characterization	Khanna, N.D., Kaur, I., Kumar, A.	2011	Journal of Applied Polymer Science	119	1	602-612	1.87
Remediation of Cr (VI) by low cost adsorbents and synthetic inorganic ion exchangers: A comparative study	Kothiyal, N.C., Pathania, D., Chauhan, C.	2011	Electronic Journal of Environmental, Agricultural and Food Chemistry	10	9	2900-2912	-
Antimicrobial activity of methanolic extract of <i>Rumex nepalensis</i> leaves	Kumar, S., Joseph, L., George, M., Bharti, V.	2011	International Journal of Pharmacy and Pharmaceutical Sciences	3	SUPPL .4	240-242	-
Skeletal muscle relaxant activity of methanolic extract of <i>Rumex nepalensis</i> in albino rats	Kumar, S., Joseph, L., George, M., Kaur, L., Bharti, V.	2011	Journal of Chemical and Pharmaceutical Research	3	3	725-728	-
A review on anticoagulant/antithrombotic activity of natural plants used in traditional medicine	Kumar, S., Joseph, L., George, M., Sharma, A.	2011	International Journal of Pharmaceutical Sciences Review and Research	8	1	70-74	-
Anticonvulsant activity of chloroform extract of <i>Phyllostachys bambusoides</i>	Kumar, S., Sharma, G., Sharma, A., George, M., Joseph, L.	2011	International Journal of Pharmacy and Pharmaceutical Sciences	3	SUPPL .5	125-127	-
An expeditious route toward pyrazine-containing nucleoside analogues	Modha, S.G., Trivedi, J.C., Mehta, V.P., Ermolat'ev, D.S., Van Der Eyckens, E.V.	2011	Journal of Organic Chemistry	76	3	846-856	4.55
Synthesis, characterization and photocatalytic application of Bovine Serum Albumin capped cadmium sulphide nanoparticles	Pathania, D., Sarita, , Rathore, B.S.	2011	Chalcogenide Letters	8	6	396-404	0.79
Study of electron density of states of nano structured functionalized graphene within DFT calculations	Sharma, J.D., Ahluwalia, P.K., Kumar, N.	2011	AIP Conference Proceedings	1393	-	321-322	0.26
Cinnamic acid derivatives: A new chapter of various pharmacological activities	Sharma, P.	2011	Journal of Chemical and Pharmaceutical Research	3	2	403-423	-
The \hat{P}^2 /Gcd7 subunit of eukaryotic translation initiation factor 2B (eIF2B), a guanine nucleotide exchange factor, is crucial for binding eIF2 in vivo	Dev, K., Qiu, H., Dong, J., Zhang, F., Barthlme, D., Hinnebusch, A.G.	2010	Molecular and Cellular Biology	30	21	5218-5233	3.94