

Sr. No.	Authors	Title	Year	Volume	Issue	Page start	Page end	Cited by	Source
1	Kumar, R., Sethi, M., Chauhan, R., Kumar, A.	Experimental study of enhancement of heat transfer and pressure drop in a solar air channel with discretized broken V-pattern baffle	2017	101		856	872		Scopus
2	Kumar, R., Chauhan, R., Sethi, M., Kumar, A.	Experimental study and correlation development for Nusselt number and friction factor for discretized broken V-pattern baffle solar air channel	2017	81		56	75		Scopus
3	Gautam, S., Shandilya, P., Priya, B., Singh, V.P., Raizada, P., Rai, R., Valente, M.A., Singh, P.	MnFe <sub>2</sub> O <sub>4</sub> dispersed over graphitic carbon sand composite and bentonite as magnetically recoverable photocatalyst for antibiotic mineralization	2017	172		498	511		Scopus
4	Gupta, A., Goyal, R.	β-amyloid beta plaque: a culprit for neurodegeneration	2016	116	4	445	450		Scopus
5	Chauhan, R., Singh, T., Thakur, N.S., Patnaik, A.	Optimization of parameters in solar thermal collector provided with impinging air jets based upon preference selection index method	2016	99		118	126		Scopus
6	Sharma, R., Kalia, S., Kaith, B.S., Srivastava, M.K.	Synthesis of guar gum-acrylic acid graft copolymers based biodegradable adsorbents for cationic dye removal	2016	20	2	294	314		Scopus
7	Sharma, M., Guleria, S., Kulshrestha, S.	Diacylglycerol acyl transferase: A pathogenicity related gene in Colletotrichum gloeosporioides	2016	56	11	1308	1315		Scopus
8	Priya, B., Shandilya, P., Raizada, P., Thakur, P., Singh, N., Singh, P.	Photocatalytic mineralization and degradation kinetics of ampicillin and oxytetracycline antibiotics using graphene sand composite and chitosan supported BiOCl <sub>2</sub>	2016	423		400	413	1	Scopus

9	Inamuddin, Lutfullah, Sharma, G., Khan, A., Asiri, A.M.	Turmeric/polyvinyl alcohol Th(IV) phosphate electrospun fibers: Synthesis, characterization and antimicrobial studies	2016	68		407	414		Scopus
10	Thory, R., Sandhu, K.S.	A Comparison of mango kernel starch with a novel starch from litchi (Litchi chinensis) kernel: Physicochemical, morphological, pasting, and rheological properties	2016			1	11		Scopus
11	Thakur, M., Sharma, A., Agarwal, S., Gupta,	Synthesis of lactic acid–Zr(IV) phosphate nanocomposite ion exchanger for green remediation	2016			1	8		Scopus
12	Kashyap, M., Farooq, U., Jaiswal, V.	Homology modelling of frequent HLA class-II alleles: A perspective to improve prediction of HLA binding peptide and understand the HLA associated disease susceptibility	2016	44		234	244		Scopus
13	Patel, S.S., Mahindroo, N., Udayabanu, M.	Urtica dioica leaves modulates hippocampal smoothed-glioma associated oncogene-1 pathway and cognitive dysfunction in chronically stressed mice	2016	83		676	686		Scopus
14	Priya, B., Raizada, P., Singh, N., Thakur, P., Singh, P.	Adsorptional photocatalytic mineralization of oxytetracycline and ampicillin antibiotics using Bi <sub>2</sub> O <sub>3</sub> /BiOCl supported on graphene sand composite and chitosan	2016	479		271	283	1	Scopus
15	Urmila, Jandaik, S., Mehta, J., Mohan, M.	inhibitory activity of plant extracts and antibiotics on Staphylococcus aureus strains	2016	9		277	282		Scopus

16	D., Al-Muhtaseb, A.H., Sharma, G., Kumar, A., Naushad, M., Ahamad, T.,	Photocatalytic degradation of highly toxic dyes using chitosan-g-poly(acrylamide)/ZnS in presence of solar irradiation	2016	329		61	68		Scopus
17	Mittal, A., Naushad, M., Sharma, G., Alothman, Z.A., Wabaidur, S.M., Alam, M.	Fabrication of MWCNTs/ThO <sub>2</sub> nanocomposite and its adsorption behavior for the removal of Pb(II) metal from aqueous medium	2016	57	46	21863	21869	1	Scopus
18	Kumar, A., Saini, R.P., Saini, J.S.	Numerical simulation of effective efficiency of a discrete multi V-pattern rib solar air channel	2016	52	10	2051	2065		Scopus
19	Ahamad, T., Sharma, G., Al-Muhtaseb, A.H., Albadarin, A.B., Alam, M.M., ALOthman, Z.A., Alshehri, S.M.,	Synthesis and characterization of a new starch/SnO <sub>2</sub> nanocomposite for efficient adsorption of toxic Hg <sup>2+</sup> metal ion	2016	300		306	316	3	Scopus
20	Verma, R., Puri, S.	Antimicrobial, antioxidant and GC-MS profiling of Rumex obtusifolius L. an important ethnomedicinal plant of Himachal Pradesh in North Western Himalaya	2016	8	3	249	254		Scopus
21	A., Chauhan, R., Sethi, M.	ment in solar air channel with broken r	2016	8		187	197	1	Scopus
22	Sharma, G., Naushad, M., Pathania, D., Kumar, A.	A multifunctional nanocomposite pectin thorium(IV) tungstomolybdate for heavy metal separation and photoremediation of malachite green	2016	57	41	19443	19455		Scopus

23	Sharma, V., Sharma, M., Kumar, S., Krishnan, V.	Investigations on the fog harvesting mechanism of Bermuda grass (Cynodon dactylon)	2016	224		59	65		Scopus
24	Sassonia, R.C., Dua, K., Kikuchi, I.S., de Jesus Andreoli Pinto, T.	Impact of sterilization methods on electrospun scaffolds for tissue engineering	2016	82		181	195		Scopus
25	K., Bhalla, N., Thakur, P., Estrela, P., Mattei, J.L., Queffelec, P.,	r spectroscopic studies of tungsten dop	2016			1	7		Scopus
26	Kumar, R., Kumar, A., Sharma, A., Chauhan, R., Sethi, M.	enhancement in a rectangular duct distributed by multi V-perforated baffle of different relative baffle width	2016			1	16		Scopus
27	Naushad, M., Vasudevan, S., Sharma, G., Kumar, A., Alothman, Z.A.	Adsorption kinetics, isotherms, and thermodynamic studies for Hg <sup>2+</sup> adsorption from aqueous medium using alizarin red-S-loaded amberlite IRA-400 resin	2016	57	39	18551	18559		Scopus
28	Khah, S., Goyal, R., Chabba, A., Jaiswal, V., Sharma, G., Naushad, Mu.	Certain 4-iminoflavones derivatives: Synthesis, docking studies, antiasthmatic and antimicrobial agents	2016	28	8	1687	1696		Scopus
29	Saini, A., Thakur, A., Thakur, P.	Effective Permeability and Miniaturization Estimation of Ferrite- loaded Microstrip Patch Antenna	2016	45	8	4162	4170		Scopus
30	Abdel-Wahab, B.A., Alam, A., Zafar, S., Ahmad, J., Ahmad, F.J., Midoux, P., Pichon, C., Akhter,	Toxicity of inorganic nanoparticles used in targeted drug delivery and other biomedical application: An updated account on concern of biomedical nanotoxicology	2016	16	8	7873	7897		Scopus

31	Sharma, R., Kalia, S., Kaith, B.S., Kumar, A., Thakur, P., Pathania, D., Srivastava, M.K.	Ggum-poly(Itaconic Acid) Based Superabsorbents Via Two-Step Free-Radical Aqueous Polymerization for Environmental and Antibacterial Applications	2016			1	16		Scopus
32	Shagun, S., Sujata, B., Manjul, S.	Chemical profiling, antioxidant and antibacterial properties of Cotinus coggygia essential oil from Western Himalaya	2016	8	7	1183	1186		Scopus
33	Sharma, A., Siddiqi, Z.-M.	aqueous system using Phoenix dactylifera seeds	2016	219		359	367	2	Scopus
34	Kumar, N., Sharma, J.D., Ahluwalia, P.K.	transport in armchair graphane nano structure containing graphene quantum dot	2016	54	7	427	430		Scopus
35	A., Rangra, V.S., Sharma, S.	ZnO Nanoparticles for Water Treatment	2016	41	7	2393	2398		Scopus
36	Sharma, G., Gupta, V.K., Agarwal, S., Kumar, A., Thakur, S., Pathania, D.	Fabrication and characterization of Fe@MoPO nanoparticles: Ion exchange behavior and photocatalytic activity against malachite green	2016	219		1137	1143		Scopus
37	Pathania, D., Gupta, D., Agarwal, S., Asif, M., Gupta, V.K.	Fabrication of chitosan-g-poly(acrylamide)/CuS nanocomposite for controlled drug delivery and antibacterial activity	2016	64		428	435		Scopus
38	Sharma, G., Kamboj, S., Thakur, K., Negi, P., Raza, K., Katare, O.P.	Tailored Mixed Micellar Nanogel of Lidocaine and Prilocaine with Improved Dermatokinetic Profile and Therapeutic Efficacy in Topical Anaesthesia	2016			1	13		Scopus
39	Shandilya, M., Rai, R., Singh, J.	: Hydrothermal technology for smart m	2016	115	6	354	376		Scopus

40	Zaei, M.E., Kapil, P.	The role of intellectual capital in promoting knowledge management initiatives	2016	8	2	317	333		Scopus
41	Sharma, A., Sharma, G., Naushad, Mu., Pathania, D.	Estimation of arsenic(III) in organic arsines and its complexes using potassium bromate and potassium iodate as oxidants	2016	61	2	2940	2948		Scopus
42	Sharma, A., Kulshrestha, S.	Molecular characterization of tospoviruses associated with ringspot disease in bell pepper from different districts of Himachal Pradesh	2016	27	2	188	192		Scopus
43	Pathania, D., Katwal, R., Sharma, G., Naushad, M., Khan, M.R., Al-Muhtaseb, A.H.	Novel guar gum/Al <sub>2</sub> O <sub>3</sub> nanocomposite as an effective photocatalyst for the degradation of malachite green dye	2016	87		366	374	5	Scopus
44	Sharma, P., Thakur, P., Mattei, J.L., Queffelec, P., Thakur, A.	electrical and Mössbauer spectroscopic studies of Co substituted Li <sub>0.5</sub> Fe <sub>2.5</sub> O <sub>4</sub>	2016	407		17	23		Scopus
45	S., Kaith, B.S., Pathania, D., Kumar, A., Thakur, P., Knittel, C.E., Schauer, C.L.,	The development of antibacterial and hydrophobic functionalities in natural fibers for fiber-reinforced composite materials	2016	4	2	1743	1752	1	Scopus
46	Sharma, P., Thakur, A., Thakur, P.	Study of electrical properties of W-type barium hexaferrite for high frequency application	2016	1731					Scopus
47	P., Tomar, M., Gupta, V., Thakur, A.	Structural and magnetic properties of Ni-Zn doped BaM nanocomposite via citrate precursor	2016	1731					Scopus

48	P., Ravelo, B., Thakur, A., Thakur, P.	Dielectric parameter estimation of novel magneto-dielectric substrate based microstrip antenna	2016	1731					Scopus
49	P., Thakur, A., Tomar, M., Gupta, V., Mattei, J.L., Queffelec, P.	Influence of samarium doping on magnetic and structural properties of M type Ba-Co hexaferrite	2016	42	7	8413	8418		Scopus
50	Patnaik, A., Chauhan, R., Kumar, N.	synthesized from Raphanus sativus for catalytic degradation of organic dyes	2016	57					Scopus
51	Kumar, R., Chauhan, R., Sethi, M., Sharma, A., Kumar, A.	of flow attack angle on thermohydraulic performance of air flow in a rectangular channel with discrete V-pattern baffle on the heated plate	2016	8	5	1	12	2	Scopus
52	Chandel, S.R., Dev, K., Khosla, P.K.	leaves and fruit extracts of Terminalia bellerica Roxb from Himachal Pradesh	2016	38	1	216	222		Scopus
53	R.	l to decipher the code of endogenous g	2016	11	5	719	720		Scopus
54	Sharma, A., Goyal, R.	Experimental brain ischemic preconditioning: A concept to putative targets	2016	15	4	489	495	1	Scopus
55	Rana, D., Jamwal, D., Katoch, A., Thakur, P., Kalia, S.	Eicosyl ammoniums elicited thermal reduction alleyway towards gold nanoparticles and their chemo-sensor aptitude	2016	141	7	2208	2217	1	Scopus
56	Jandaik, S., Singh, T.G., Kumar, S.	articles: Boon to mankind and bane to pe	2016			483	509		Scopus
57	Raizda, P., Gautam, S., Priya, B., Singh, P.	Preparation and photocatalytic activity of hydroxyapatite supported BiOCl nanocomposite for oxytetracycline removal	2016	7	4	312	318		Scopus

58	Thakur, S., Rai, R., Bdikin, I., Rai, S.P.	Dielectric relaxation and ac conduction in multiferroic Bi <sub>0.8</sub> Gd <sub>0.1</sub> Pb <sub>0.1</sub> Fe <sub>0.9</sub> Ti <sub>f</sub> <sub>0.1</sub> O <sub>3</sub> ceramics: impedance spectroscopy analysis	2016			1	12		Scopus
59	Saini, A., Rana, K., Thakur, A., Thakur, P., Mattei, J.L., Queffelec, P.	Low loss composite nano ferrite with matching permittivity and permeability in UHF band	2016	76		94	99	3	Scopus
60	S., Sharma, G., Saini, S., Rub, R.A., Aneja, P., Anwar, F., Alam, M.A., Kumar, V.	Lipid-based vesicular nanocargoes as nanotherapeutic targets for the effective management of rheumatoid arthritis	2016	11	1	3	15		Scopus
61	Upadhyay, P., Ghosh, S.K., Kumar, A.	identification of wheat crop using noise clustering soft classification approach	2016	31	3	278	295		Scopus
62	Gandotra, N., Bajaj, R.K., Mathew, J.	On Ranking in Triangular Intuitionistic Fuzzy Multi-criteria Decision Making under ( $\alpha$ , $\beta$ )-cut with 'Useful' Parametric Entropy	2016			69	74		Scopus
63	Chauhan, K., Kaur, J., Singh, P., Sharma, P., Sharma, P., Chauhan, G.S.	An Efficient and Regenerable Quaternary Starch for Removal of Nitrate from Aqueous Solutions	2016	55	9	2507	2519		Scopus
64	Pathania, D., Katwal, R., Kaur, H.	Enhanced photocatalytic activity of electrochemically synthesized aluminum oxide nanoparticles	2016	23	3	358	371		Scopus
65	Gupta, P., Kulshrestha, S.	Characterization of a bioactive compound from <i>Tinospora cardifolia</i> having activity against wide range of bacteria and fungi	2016	10	1	701	711		Scopus



66	Abbhi, V., Joseph, L., Jena, A.K., George, M.	activity of methanolic and hydroalcoholic extract of <i>Myrsine africana</i> L. fruits	2016	6	1	56	61		Scopus
67	Sharma, D., Lee, C., Vaidya, T.	insulator transition in VO <sub>2</sub>	2016	18	####	207	212		Scopus
68	Saini, A., Thakur, A., Thakur, P.	permittivity of Ni <sub>0.5</sub> Zn <sub>0.3</sub> Co <sub>0.2</sub> In <sub>0.1</sub> Fe <sub>f&gt;1.9</sub> O <sub>4</sub> ferrite for substrate of large bandwidth	2016	27	3	2816	2823	1	Scopus
69	Bhatti, S.K., Verma, J., Sembi, J.K., Kumar, A.	germination of an endangered 'Fox-tail' Orchid, <i>Rhynchostylis retusa</i> (L.) blume	2016	10	1	663	670		Scopus
70	D., Kothiyal, N.C., sharma, G., Eldesoky, G.E., Naushad, M.	Preparation of a novel chitosan-g-poly(acrylamide)/Zn nanocomposite hydrogel and its applications for controlled drug delivery of ofloxacin	2016	84		340	348	6	Scopus
71	G., Kumar, A., Rai, R.S., Valente, M.A., Batoo, K.M., Kotnala, R.K., Singh, M.	Structural, magnetic and Mössbauer study of BaLa <sub>x</sub> Fe <sub>12-x</sub> O <sub>19</sub> nanohexaferrites synthesized via sol-gel auto-combustion technique	2016	42	4	5011	5017	2	Scopus
72	P., Thakur, P., Rana, K., Chevalier, A., Mattei, J.-L., Queffélec, P.	of Ni <sub>0.5</sub> Zn <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> nanoparticles prepared by the co-	2016						Scopus
73	N., Chauhan, S., Deshta, A., Dev, K., Sourirajan, A.	polo-like Kinases: A journey from yea	2016	23	2	185	197		Scopus
74	Sapra, S., Singh, G., Singh, M., Nepali, K.	Quinazolines as apoptosis inducers and inhibitors: A review of patent literature	2016	11	1	2	66		Scopus

75	Sharma, A., Goyal, R., Sharma, L.	Potential biological efficacy of Pinus plant species against oxidative, inflammatory and microbial disorders	2016	16	1				Scopus
76	Kumar, P., Jaiswal, V., Pal, T., Singh, J., Chauhan, R.S.	Comparative whole-transcriptome analysis in Podophyllum species identifies key transcription factors contributing to biosynthesis of podophyllotoxin in P. hexandrum	2016			1	12	1	Scopus
77	Singh, T., Patnaik, A., Chauhan, R.	Optimization of tribological properties of cement kiln dust-filled brake pad using grey relation analysis	2016	89		1335	1342	3	Scopus
78	Sareen, R., Jain, N., Rajkumari, A., Dhar, K.L.	PH triggered delivery of curcumin from Eudragit-coated chitosan microspheres for inflammatory bowel disease: Characterization and pharmacodynamic evaluation	2016	23	1	55	62	1	Scopus
79	Jandaik, S., Kumar, S., Chitkara, M., Sandhu, I.S.	antimicrobial activity of manganese- and iron-doped zinc oxide nanoparticles	2016	11	1	54	71	2	Scopus
80	Pathania, D., Sharma, G., Naushad, M., Priya, V.	A biopolymer-based hybrid cation exchanger pectin cerium(IV) iodate: synthesis, characterization, and analytical applications	2016	57	1	468	475	4	Scopus
81	Sharma, S., Kumari, S., Rai, R., Sharma, D.K.	Effect of Na on the structural and electrical properties of lead-free sodium potassium niobate ceramics	2016	168	1	115	129		Scopus
82	Pathania, D., Katwal, R., Sharma, G.	Fabrication, characterization and cytotoxicity of guar gum/copper oxide nanocomposite: Efficient removal of organic pollutant	2016	842		88	102		Scopus

83	Kumar, A., Kumar, D.	Development of antioxidant rich fruit supplemented probiotic yogurts using free and microencapsulated <i>Lactobacillus rhamnosus</i> culture	2016	53	1	667	675		Scopus
84	Vishwakarma, S., Goyal, R., Gupta, V., Dhar, K.L.	from <i>Valeriana wallichii</i> in amelioration of ICV STZ induced dementia in rats	2016	26	4	484	489		Scopus
85	Thakur, N.	one quantification of tomato by SPE and	2016	22	1	84	90		Scopus
86	Sharma, A., Sharma, G., Kumar, A., Siddiqi, Z.M., Pathania, D.	neoteric activated carbon prepared from <i>Cornulaca monacantha</i> stem: Equilibrium and thermodynamics studies	2016	875		1	15		Scopus
87	Singh, P., Chauhan, K., Priya, V., Singhal, R.K.	removal of As(III)/As(v) from an ultra-low concentration using a highly efficient chitosan thiomers as a new adsorbent	2016	6	69	64946	64961	1	Scopus
88	Sharma, M., Kapatia, A., Kulshrestha, S.	Analysis of genetic diversity amongst <i>Fusarium</i> spp. Associated with root rot of apple	2016	13	1	463	468		Scopus
89	Gupta, S., Sharma, P., Dev, K., Sourirajan, A.	Halophilic Bacteria of Lunsu Produce an Array of Industrially Important Enzymes with Salt Tolerant Activity	2016	2016					Scopus
90	Thakur, K., Kalia, S., Pathania, D., Kumar, A., Sharma, N., Schauer, C.L.	constituent of coconut fibers via laccase-catalyzed biografting for development of antibacterial and hydrophobic properties	2016	113		176	182	1	Scopus
91	Singh, V., Kumar, N., Kumar, S.	Comparative analysis of XPM-induced crosstalk in SCM-WDM transmission links	2016	48	1	1	7		Scopus
92	Kumar, A., Saini, R.P., Saini, J.S.	Numerical optimization of the thermal performance of a solar air channel having discrete multi V-rib roughness on the absorber plate	2016	47	5	449	469	1	Scopus

93	Sharma, L., Sharma, A., Gupta, G.L.	Standardization of a polyherbal preparation (Pol-6) for treatment of oxidative, inflammatory and immune disorders	2016	8	4	129	134		Scopus
94	Sharma, R., Dharela, R., Chauhan, G.S., Singhal, R.K.	Chitosan-thiomer stabilized silver nano-composites for antimicrobial and antioxidant applications	2016	6	79	75453	75464		Scopus
95	Thakur, S., Rai, R., Sharma, S., Tiwari, A.	Study the influence of different mol% BLTMNZ doping on KNLN ceramics by using the XRD and impedance spectroscopy	2016	7	1	29	35		Scopus
96	Neha, Azhar Khan, M., Farooq, U.	A study of molecular characterization of the trimethoprim resistant Salmonella typhi strains prevalent in Himachal Pradesh	2016	8	3	101	108		Scopus
97	Kumar, S.R., Kumar, S.D., Rajeev, G., Piush, V.	squirrel cage induction motor based on maximum efficiency operating under the rated voltage - based on software platform	2016	9	21				Scopus
98	Jamwal, D., Rana, D., Pathak, D., Raizada, P., Thakur, P.	Array of bis-quaternary ammonium surfactant tailored $\text{Cu}_{(2-x)}\text{Te}$ quantum dots with amended functional assets	2016	6	17	13981	13990		Scopus
99	Thakur, S., Rai, R., Bdikin, I., Valente, M.A.	Impedance and modulus spectroscopy characterization of Tb modified $\text{Bi}_{0.8}\text{A}_{0.1}\text{Pb}_{0.1}\text{Fe}_{0.9}\text{Ti}_{>0.1}\text{O}_3$ ceramics	2016	19	1	1	8		Scopus
100	D., Singh, P., Pathak, D., Kalia, S., Thakur, P., Torino, E.	Well-defined quantum dots and broadening of optical phonon line from hydrothermal method	2016	6	104	102010	102014		Scopus

101	Kumar, A., Guo, C., Sharma, G., Pathania, D., Naushad, M., Kalia, S., Dhiman, P.	ZrO <sub>2</sub> /Fe <sub>3</sub> O <sub>4</sub> /chitosan nanomaterials for enhanced sunlight driven photoreduction of carcinogenic Cr(VI) and dechlorination & mineralization of 4-chlorophenol from simulated waste water	2016	6	16	13251	13263	7	Scopus
102	P., Dev, K., Srivastava, M., Sourirajan, A.	A diverse group of halophilic bacteria exist in Lunsu, a natural salt water body of Himachal Pradesh, India	2015	4	1			1	Scopus
103	Pathania, D., Kumari, M., Gupta, V.K.	nanocomposite for drug delivery, antibacterial and photocatalytic activity	2015	87		1056	1064	10	Scopus
104	Chauhan, K., Singh, P., Singhal, R.K.	New Chitosan-Thiomer: An Efficient Colorimetric Sensor and Effective Sorbent for Mercury at Ultralow Concentration	2015	7	47	26069	26078	4	Scopus
105	Thakur, K., Kalia, S., Sharma, N., Pathania, D.	Laccase-mediated biografting of p-coumaric acid for development of antibacterial and hydrophobic properties in coconut fibers	2015	122		289	295	2	Scopus
106	Singh, S., Gupta, N., Kaur, J., Gupta, A.	Media for Acidic Amylase and Invertase Co-Production by Aspergillus niger NJ-1: Optimization by Response Surface Methodology and Application in Oligosaccharide Synthesis	2015	39	6	2548	2561		Scopus
107	Naushad, M., Kumar, A., Devi, S., Khan, M.R.	Lanthanum/Cadmium/Polyaniline bimetallic nanocomposite for the photodegradation of organic pollutant	2015	24	12	1003	1013	6	Scopus
108	Kumar, R., Aggarwal, R.K., Sharma, J.D.	Comparison of regression and artificial neural network models for estimation of global solar radiations	2015	52		1294	1299	10	Scopus

109	A., Saini, A., Thakur, P.	material characterization with temperature effect	2015	30	12	1322	1328		Scopus
110	Singh, M., Mishra, V.D., Thakur, N.K., Sharma, J.D.	Snow Model for AWiFS Derived Broad Band Albedo with an Application to Onset Seasonal Melt in North-West Himalaya	2015	43	4	815	824		Scopus
111	Sharma, S., Shandilya, M., Rai, R.	Effect of Tb, Ti co-doping on the electrical and magnetic properties of (Bi, La)FeO <sub>3</sub> multiferroic ceramics	2015	26	12	9484	9494		Scopus
112	Verma, J., Bhatti, S.K., Sembi, J.K.	seeds in an ornamentally important 'fox-tail' orchid, aerides multiflora roxb	2015	28	4	162	168		Scopus
113	Sharma, R., Kalia, S., Kaith, B.S., Pathania, D., Kumar, A., Thakur, P.	Guaran-based biodegradable and conducting interpenetrating polymer network composite hydrogels for adsorptive removal of methylene blue dye	2015	122		52	65	2	Scopus
114	Bansal, S., Alam, M.M., Jaiswal, V., Tiwari, A., Chaudhary, A., Alex, A.T., Joseph,	Design, synthesis, and biological evaluation of oxindole derivatives as antidepressive agents	2015	25	22	5281	5285		Scopus
115	Andriamaniry, N., Ravelo, B., Lallechere, S., Fiomana, L., Thakur, A.	Sensitivity analyses of resistive power splitter	2015						Scopus
116	Tsimitamby, B., Ravelo, B., Lallechere, S., Fiomana, L.,	Statistical investigation on the passive RF components thermal effects EMC applications	2015						Scopus

117	Kumar, A., Sharma, G., Naushad, M., Thakur, S.	SPION/ $\beta$ -cyclodextrin core-shell nanostructures for oil spill remediation and organic pollutant removal from waste water	2015	280		175	187	18	Scopus
118	Chauhan, Y., Goyal, R., Khah, S., Sharma, P.L.	Mild alcohol intake exacerbates metabolic syndrome in rodents: A putative role of GSK-3 $\beta$	2015	35	6	592	599		Scopus
119	Kashyap, M.K.	Role of insulin-like growth factor-binding proteins in the pathophysiology and tumorigenesis of gastroesophageal cancers	2015	36	11	8247	8257	1	Scopus
120	B.S., Kalia, S., Pathania, D., Kumar, A., Sharma, N., Street, R.M., Schauer, C.	Biodegradable and conducting hydrogels based on Guar gum polysaccharide for antibacterial and dye removal applications	2015	162		37	45	3	Scopus
121	Thakur, K., Kalia, S., Kaith, B.S., Pathania, D., Kumar, A.	Surface functionalization of coconut fibers by enzymatic biografting of syringaldehyde for the development of biocomposites	2015	5	94	76844	76851	5	Scopus
122	J., Kumari, A., Kumari, A., Chauhan, G.S.	Efficient method of starch functionalization to bis-quaternary structure unit	2015	80		498	505	1	Scopus
123	Kumar, S., Bisht, A., Singh, G., Choudhary, K., Sharma, D.	Implementation of wavelength selector based on electro-optic effect in Mach-Zehnder interferometers for high speed communications	2015	350		108	118	14	Scopus
124	Sharma, G., Kumar, A., Naushad, M., Pathania, D., Sillanpää, M.	Polyacrylamide@Zr(IV) vanadophosphate nanocomposite: Ion exchange properties, antibacterial activity, and photocatalytic behavior	2015					1	Scopus

125	Thakur, K., Kalia, S., Pathania, D., Kumar, A., Sharma, N., Schauer, C.L.	constituent of coconut fibers via laccase-catalyzed bi grafting for development of antibacterial and hydrophobic properties	2015						Scopus
126	Gupta, V., Goyal, R., Sharma, P.L.	cardioprotection in hyperlipidemic rat hearts: Possible role of Dopamine (D2) signaling	2015	15	1				Scopus
127	Kumari, P., Rai, R., Kholkin, A.L.	Influence of BiFeTaO <sub>3</sub> addition on the electrical properties of Na <sub>0.4725</sub> K <sub>0.4725</sub> Li <sub>0.055</sub> NbO <sub>3</sub> ceramics system using impedance spectroscopy	2015	637		203	212	5	Scopus
128	Kumar, A., Kumar, D.	Characterization of Lactobacillus isolated from dairy samples for probiotic properties	2015	33		117	123	3	Scopus
129	Sharma, S., Kothiyal, N.C., Rathore, B.S., Sharma, S.	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)	2015	6	2	131	132		Scopus
130	Pathania, D., Sharma, G., Thakur, R.	silicophosphate nanocomposite ion exchanger: Photo catalysis, heavy metal separation and antibacterial activity	2015	267		235	244	15	Scopus
131	Naushad, M., ALOthman, Z.A., Sharma, G., Inamuddin	thermodynamic investigations for the adsorption of Co(II) ion onto crystal violet modified amberlite IR-120 resin	2015	21	5	1453	1459	14	Scopus
132	Thakur, P., Sharma, A., Hsu, J.H., Thakur, A.	Investigation of iron deficient and manganese doped Ni-Mg nanoferroxide ceramics	2015					1	Scopus



133	P., Sharma, P., Tomar, M., Gupta, V., Thakur, A.	Improved structural and magnetic properties of cobalt nanoferrites: Influence of sintering temperature	2015	41	3	4492	4497	3	Scopus
134	Pathania, A., Thakur, P., Thakur, A., Hsu, J.-H.	Improved structural, electrical and magnetic properties of Mn-Zn-Cd nanoferrites	2015	41	3	5072	5078		Scopus
135	Kaith, B.S., Sharma, R., Kalia, S.	Guar gum based biodegradable, antibacterial and electrically conductive hydrogels	2015	75		266	275	4	Scopus
136	G., Kotnala, R.K., Shah, J., Sharma, S., Daya, K.S., Batoo, K.M., Singh, M.	low loss BaGd <sub>x</sub> Fe <sub>12-x</sub> O <sub>19</sub> nanohexaferrites for applications up	2015	378		478	484	2	Scopus
137	Gupta, D., Singh, D., Kothiyal, N.C., Saini, A.K., Singh, V.P., Pathania, D.	Synthesis of chitosan-g- poly(acrylamide)/ZnS nanocomposite for controlled drug delivery and antimicrobial activity	2015	74		547	557	12	Scopus
138	Zhang, F., Saini, A.K., Shin, B.-S., Nanda, J., Hinnebusch, A.G.	Conformational changes in the P site and mRNA entry channel evoked by AUG recognition in yeast translation preinitiation complexes	2015	43	4	2293	2312	5	Scopus
139	Singh, T., Patnaik, A., Gangil, B., Chauhan, R.	Optimization of tribo-performance of brake friction materials: Effect of nano filler	2015	324-325		10	16	4	Scopus
140	Singh, M., Mishra, V.D., Thakur, N.K., Sharma, J.D.	Expansion of Empirical-Statistical Based Topographic Correction Algorithm for Reflectance Modeling on Himalayan Terrain using AWiFS and MODIS Sensor	2015	43	2	379	393	2	Scopus

141	Gupta, V.K., Agarwal, S., Tyagi, I., Pathania, D., Rathore, B.S., Sharma, G.	analytical application of cellulose acetate-tin (IV) molybdate nanocomposite ion exchanger: binary separation of heavy metal ions and antimicrobial activity	2015	21	7	2069	2078	2	Scopus
142	Thakur, S., Rai, R., Sharma, S.	magnetic study of NiFe <sub>2</sub> O <sub>4</sub> synthesized by co-precipitation method	2015	139		368	372	2	Scopus
143	Kaushik, R., Arora, S., Kapila, S.	Bioavailability of iron in multiple fortified milk	2015	52	9	6017	6023	1	Scopus
144	Gupta, R., Goyal, R., Bhattacharya, S., Dhar, K.L.	Antioxidative in vitro and antiosteoporotic activities of <i>Prinsepia utilis</i> Royle in female rats	2015	7	2	157	163	2	Scopus
145	Sidana, A., Farooq, U.	of plants used in Indian traditional medicine	2015	10	2	423	426		Scopus
146	Chaudhary, R., Tripathy, A.	Isolation and identification of bioactive compounds from <i>Irpex</i> <i>Lacteus</i> wild fleshy fungi	2015	7	7	424	434	1	Scopus
147	Chauhan, S., Seth, C.A., Seth, A.	microorganisms from hot springs of western himalyas for xylanase production and its statistical optimization by using response surface methodology	2015	9	2	1417	1428		Scopus
148	Kumari, R., Puri, S., Sharma, M.	Impact of seasonal variation on arbuscular mycorrhizal fungi in lower himalaya	2015	6	2	B140	B160		Scopus
149	Kumar, A., Dev, K., Sourirajan, A.	plants of Himachal Pradesh for antiproliferative activities against budding yeast <i>Saccharomyces</i> <i>cerevisiae</i>	2015	6	3	B280	B288		Scopus

150	Guleri, J., Sharma, P.C.	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	2015	34	2	105	113		Scopus
151	Budhiraja, A., Dhingra, G.	Development and characterization of a novel antiacne niosomal gel of rosmarinic acid	2015	22	6	723	730	2	Scopus
152	Minhas, N., Bharti, Sharma, P.C.	(MDR) among <i>Pseudomonas aeruginosa</i> isolates and their virulence factors	2015	9	2	1447	1456		Scopus
153	Gupta, P., Kulshrestha, S.	Medicinal properties and genetic diversity of a magical shrub <i>Tinospora Cardifolia</i> : An update	2015	6	4	B1039	B1056		Scopus
154	Bhatia, V.K., Sharma, P.C.	Determination of minimum inhibitory concentrations of itraconazole, terbinafine and ketoconazole against dermatophyte species by broth microdilution method	2015	33	4	533	537		Scopus
155	Sharma, M., Kulshrestha, S.	<i>Colletotrichum gloeosporioides</i> : An Anthracnose Causing Pathogen of Fruits and Vegetables	2015	12	2	1233	1246	1	Scopus
156	Sharma, G., Pathania, D., Naushad, M.	Preparation, characterization, and ion exchange behavior of nanocomposite polyaniline zirconium(IV) selenotungstophosphate for the separation of toxic metal ions	2015	21	4	1045	1055	10	Scopus
157	Kumar, V., Seth, A., Kumari, V., Kumar, V., Bhalla, T.C.	Purification, characterization and in-silico analysis of nitrilase from <i>Gordonia terrae</i>	2015	22	1	52	62	1	Scopus
158	Kalia, S.B., Puri, R., Thakur, A., Christopher, J.	Synthesis, characterization and thermal degradation studies on some oxovanadium(IV) carbodithioates	2015	119	3	1619	1632		Scopus

159	Priya, B., Singha, A.S., Pathania, D.	Synthesis and kinetics of ascorbic acid initiated graft copolymerized delignified cellulosic fiber	2015	55	2	474	484	2	Scopus
160	Singha, A.S., Priya, B., Pathania, D.	Biocomposite Blend Films: Mechanical Properties, Thermal Behavior, Fire Retardancy, and Antibacterial Activity	2015	20	4	357	366	5	Scopus
161	Shamim, K., Ranjan, A., Rai, R., Kumari, P., Sinha,	Impedance and modulus spectroscopy characterization of lead free barium titanate ferroelectric ceramics	2015	41	6	7713	7722	2	Scopus
162	Sharma, S., Kothiyal, N.C., Rathore, B.S., Sharma, S.	Use of cellulose acetate-tin (IV) phosphate composite (CA/TPC) in highly effective removal and recovery of heavy metal ions	2015	6	1	43	58		Scopus
163	Kumari, P., Kumar, P., Rai, R.	Properties of Rare-Earth Ia Doped ( $Ba_{1-x}La_x$ ) ( $Ti_{0.815}Mn_{0.0025}Nb_{0.0025}Zr_{0.18}O_{3.995}$ ) Ceramics	2015	167	1	24	34	1	Scopus
164	Chaudhary, R., Singh, B., Kumar, M., Gakhar, S.K., Saini, A.K., Parmar, V.S., Chhillar, A.K.	Role of single nucleotide polymorphisms in pharmacogenomics and their association with human diseases	2015	47	3	281	290	3	Scopus
165	Kumar, G., Bajaj, R.K., Gandotra, N.	in a Network with Interval-valued Intuitionistic Trapezoidal Fuzzy Number	2015	70		123	129		Scopus
166	Sareen, R., Bhardwaj, V., Mehta, V., Sharma, A.	ionic surfactant based solid lipid microspheres of ketoprofen: Physicochemical analysis and anti-inflammatory evaluation	2015	7	10	199	206	2	Scopus

167	Sharma, G., Kumar, A., Naushad, M., Kalia, S., Sharma, A., ALOthman,	Combined sorptional–photocatalytic remediation of dyes by polyaniline Zr(IV) selenotungstophosphate nanocomposite	2015	97	5	526	537	13	Scopus
168	H., Sharma, G., Naushad, M., Pathania, D.	oxide nanoparticles for enhanced photocatalytic and antimicrobial activity	2015	31		173	184	19	Scopus
169	Jamwal, D., Kaur, G., Raizada, P., Singh, P., Pathak, D., Thakur, P.	superficial fabrication of semiconductor quantum dots: Toward structural, optical, and electrical features	2015	119	9	5062	5073	6	Scopus
170	Gupta, N., Goyal, D.	Synthesis of indole and its derivatives in water	2015	51	1	4	16	9	Scopus
171	Naushad, M., Pathania, D., Mittal, A., El-desoky, G.E.	Modification of Hibiscus cannabinus fiber by graft copolymerization: application for dye removal	2015	54	11	3114	3121	24	Scopus
172	V., Singh, P., Chauhan, G.S., Kumari, S., Singhal,	A green and highly efficient sulfur functionalization of starch	2015	5	64	51762	51772	4	Scopus
173	Sharma, S., Shandilya, M., Tiwari, A.	State-of-the-art of lead free ferroelectrics: A critical review	2015	6	6	453	484	1	Scopus
174	Sachdeva, B., Kaushik, R., Arora, S., Indumathi, K.P.	Impact of fortification with iron salts and vitamin A on the physicochemical properties of laboratory-pasteurised toned milk and bioaccessibility of the added nutrients	2015	68	2	253	260	1	Scopus
175	V., Kumar, N., Kumar, A., Chhokar, V., Khaket, T.P.	Biochemical characterization of immobilized tannase from <i>Aspergillus awamori</i>	2015	4	3	398	403	1	Scopus

176	Kaur, M., Sandhu, K.S., Ahlawat, R.P., Sharma, S.	In vitro starch digestibility, pasting and textural properties of mung bean: effect of different processing methods	2015	52	3	1642	1648		Scopus
177	R., Sharma, K., Choudhary, S., Kumar, V., Lochab, S.P.	Effects of O <sup>7+</sup> and Ni <sup>9+</sup> swift heavy ions irradiation on polyacrylamide grafted Gum acacia thin film and sorption of methylene blue	2015	111		73	82	4	Scopus
178	Gupta, V.K., Sharma, G., Pathania, D., Kothiyal, N.C.	selenotungstophosphate for adsorptional/photocatalytic remediation of methylene blue and malachite green dyes from aqueous system	2015	21		957	964	18	Scopus
179	Mehta, P., Walia, A., Kulshrestha, S., Chauhan, A., Shirkot, C.K.	Efficiency of plant growth-promoting P-solubilizing Bacillus circulans CB7 for enhancement of tomato growth under net house conditions	2015	55	1	33	44	5	Scopus
180	Thakur, A., Sharma, P., Thakur, P., Sharma, A., Thakur, A., Ravelo, B., Hsu, J.-H.	Mn <sup>2+</sup> /Mn <sup>3+</sup> ions on microstructural, optical, magnetic and electrical properties of hydrothermally prepared Ni-Mg nanoferrites	2015	29	24			2	Scopus
181	Gautam, S.P., Keservani, R.K., Sharma, A.K.	Phytochemical screening and wound healing potential of Cuscuta reflexa	2015	24	5	292	302		Scopus
182	N., Sihag, M.K., Ray, A.	Isolation, characterization of wheat gluten and its regeneration properties	2014	52	9	5930	5937	1	Scopus
183	Gupta, V.K., Saleh, T.A., Pathania, D., Rathore, B.S., Sharma, G.	A cellulose acetate based nanocomposite for photocatalytic degradation of methylene blue dye under solar light	2014	21	6	1787	1793	15	Scopus

184	Pathania, D., Agarwal, S., Sharma, S.	waste water using microwave induced grafted <i>Luffa cylindrica</i> cellulosic fiber	2014	111		556	566	14	Scopus
185	Sharma, S., Kaur, C., Budhiraja, A., Nepali, K., Gupta, M.K., Saxena, A.K., Bedi, P.M.S.	Chalcone based azacarboline analogues as novel antitubulin agents: Design, synthesis, biological evaluation and molecular modelling studies	2014	85		648	660	9	Scopus
186	Sharma, S., Buddhiraja, A., Saxena, A.K., Nepali, K., Bedi,	Synthesis and cytotoxicity studies of 3,5-diaryl N-acetyl pyrazoline - Isatin hybrids	2014	23	10	4337	4344	3	Scopus
187	Pathania, D., Sharma, G., Naushad, M., Kumar, A.	Synthesis and characterization of a new nanocomposite cation exchanger polyacrylamide Ce(IV) silicophosphate: Photocatalytic and antimicrobial applications	2014	20	5	3596	3603	16	Scopus
188	Sharma, A., Kulshrestha, S.	First report of <i>Amaranthus</i> sp. as a natural host of capsicum chlorosis virus in India	2014	25	3	412	413	1	Scopus
189	P., Kumar, A., Pare, B., Jonnalagadda, S.B.	Zero valent iron-brick grain nanocomposite for enhanced solar- Fenton removal of malachite green	2014	133		429	437	5	Scopus
190	Rathore, B.S., Pathania, D.	Styrene-tin (IV) phosphate nanocomposite for photocatalytic degradation of organic dye in presence of visible light	2014	606		105	111	6	Scopus
191	Pathania, D., Singh, P.	Nanosized Metal Oxide-Based Adsorbents for Heavy Metal Removal: A Review	2014			243	263		Scopus

192	Gupta, V.K., Pathania, D., Singh, P.	Pectin–cerium (IV) tungstate nanocomposite and its adsorptional activity for removal of methylene blue dye	2014	11	7	2015	2024	3	Scopus
193	Sharma, G., Pathania, D., Naushad, M., Kothiyal, N.C.	antimicrobial activity of polyaniline Th(IV) tungstomolybdophosphate nanocomposite material: Efficient removal of toxic metal ions from water	2014	251		413	421	24	Scopus
194	Priya, B., Gupta, V.K., Pathania, D., Singha, A.S.	Synthesis, characterization and antibacterial activity of biodegradable starch/PVA composite films reinforced with cellulosic fibre	2014	109		171	179	30	Scopus
195	Gupta, V.K., Pathania, D., Asif, M., Sharma, G.	cadmium sulfide nanocomposite and its photocatalytic and antibacterial activity	2014	196		107	112	15	Scopus
196	Thakur, A., Thakur, P., Hsu, J.-H.	Structural, magnetic and electromagnetic characterization of In 3+ substituted Mn-Zn Nanoferrites	2014	228	7-Jun	663	672	1	Scopus
197	Thakur, A., Thakur, P., Hsu, J.-H.	Structural, magnetic and electromagnetic characterization of In <sup>3+</sup> substituted Mn-Zn nanoferrites	2014	228	7-Jun	663	672		Scopus
198	Suthar, S.K., Choudhary, S., Bhattacharya, S., Bhardwaj, V., Singla, S., Joseph,	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	2014	80		167	174	25	Scopus
199	Chauhan, K., Patiyal, P., Chauhan, G.S., Sharma, P.	Star-shaped polymers of bio-inspired algae core and poly(acrylamide) and poly(acrylic acid) as arms in dissolution of silica/silicate	2014	56		225	233	3	Scopus



200	Kumar, R., Purohit, P., Meena, V.S., Goyal, R., Banerjee, U.C., Chakraborti, A.K.	2-(2-Arylphenyl)benzoxazole as a novel anti-inflammatory scaffold: Synthesis and biological evaluation	2014	5	5	512	516	11	Scopus
201	Rana, M., Kumari, A., Chauhan, G.S., Chauhan, K.	Modified chitosan microspheres in non-aggregated amylase immobilization	2014	66		46	51	4	Scopus
202	Kumari, P., Rai, R., Kholkin, A.L., Tiwari, A.	Study of Ca doping on A- site on the structural and physical properties of BLTMNZ ceramics	2014	5	5	255	259	1	Scopus
203	P., Kumari, S., Kumar, A., Pathania, D.,	Solar-Fenton removal of malachite green with novel Fe <sup>0</sup> -activated carbon nanocomposite	2014	476		9	18	14	Scopus
204	Chauhan, R., Thakur, N.S.	Investigation of the thermohydraulic performance of impinging jet solar air heater	2014	68		255	261	3	Scopus
205	Kant, S., Pathania, D., Singh, P., Dhiman, P., Kumar, A.	Removal of malachite green and methylene blue by Fe <sup>&lt;inf&gt;0.01&lt;/inf&gt;</sup> Ni <sup>&lt;inf&gt;0.01&lt;/inf&gt;</sup> Zn <sup>&lt;inf&gt;0.98&lt;/inf&gt;</sup> O/polyacrylamide nanocomposite using coupled adsorption and photocatalysis	2014	147		340	352	29	Scopus
206	Sharma, S., Buddhiraja, A., Saxena, A.K., Nepali, K., Bedi,	Synthesis and cytotoxicity studies of 3,5-diaryl N-acetyl pyrazoline-isatin hybrids	2014					2	Scopus
207	K., Kumar, A., Celli, A.	Laccase-assisted surface functionalization of lignocellulosics	2014	102		48	58	11	Scopus
208	B.S., Kumar, V., Kumar, V., Kalia, S., Kapur, B.K., Swart, H.C.	A comparative study of the effect of Ni <sup>9+</sup> and Au <sup>8+</sup> ion beams on the properties of poly(methacrylic acid) grafted gum ghatti films	2014	97		253	261	9	Scopus

209	B.S., Kumar, V., Kalia, S., Kumar, V., Som, S., Swart, H.C.	Gum ghatti based novel electrically conductive biomaterials: A study of conductivity and surface morphology	2014	8	4	267	281	12	Scopus
210	Sharma, G., Pathania, D., Gupta, V.K.	antibacterial activity of cellulose acetate-tin (IV) phosphate nanocomposite	2014	103	1	221	227	17	Scopus
211	Kumar, V., Ali, Y., Sharma, K., Kumar, V., Sonkawade, R.G., Dhaliwal, A.S., Swart, H.C.	Swift heavy ions induced surface modifications in Ag-polypyrrole composite films synthesized by an electrochemical route	2014	323		7	13	5	Scopus
212	Jain, N., Sareen, R., Mahindroo, N., Dhar, K.L.	Development and optimization of osmotically controlled asymmetric membrane capsules for delivery of solid dispersion of lycopene	2014	2014				1	Scopus
213	Pathania, D., Sharma, G., Kumar, A., Kothiyal, N.C.	polyaniline zirconium(IV) silicophosphate for photocatalytic and antimicrobial activity	2014	588		668	675	22	Scopus
214	A., Kowitz, S.E., Saini, A.K., Chiu, W.-L., Rahman, H., Lorsch, J.R., Hinnebusch, A.G.	Conserved residues in yeast initiator tRNA calibrate initiation accuracy by regulating preinitiation complex stability at the start codon	2014	28	5	502	520	9	Scopus
215	G., Sidiq, T., Khajuria, A., Jain, M., Bhagwat, D., Dhar, K.L.	Immunomodulatory potential of a bioactive fraction from the leaves of Phyllostachys Bambusoides (bamboo) in BALB/C mice	2014	13		137	150	2	Scopus
216	Dullu, V.	Anthelmintic activity of ethanolic leaf extract of Jasminum mesnyi	2014	4	S1			1	Scopus

217	Singha, A.S., Thakur, B.P., Pathania, D.	Analysis and Characterization of Microwave Irradiation-Induced Graft Copolymerization of Methyl Methacrylate onto Delignified Grewia Optiva Fiber	2014	19	2	115	123	3	Scopus
218	Rai, R., Valente, M.A., Bdikin, I., Kholkin, A.L., Sharma, S.	Study of electrical and magnetic properties of Ba, la and Pb doped Bi 1-x-yDyxCyFe1-yTiyO 3 perovskite ceramics	2014	180		56	63		Scopus
219	Nanda, J.S., Luna, R.E., Zhang, F., Saini, A.K., Cherkasova, V.A., Wagner, G., Lorsch, J.R., Hinnebusch,	Enhanced eIF1 binding to the 40S ribosome impedes conformational rearrangements of the preinitiation complex and elevates initiation accuracy	2014	20	2	150	167	8	Scopus
220	K., Thakur, K., Sembi, J.K., Vij, S.P.	Study on seed morphometry of some threatened Western Himalayan orchids	2014	38	2	234	251	2	Scopus
221	K.L., Pooja, S., Parul, S.	Indian herbal medicine - A natural cure to asthma	2014	5	4	302	310	1	Scopus
222	Sharma, H.V., Mehta, D., Chhabra, B., Thakur, D., Sourirajan, A., Dev,	Comparative analysis of antibacterial and antifungal properties of traditional medicinal plants of Shimla and Solan, Himachal Pradesh	2014	6	1	18	26		Scopus
223	A., Sharma, V., Khan, M.A., Farooq, U.	Ghaggar River: Impact of polluting agents and microbial components in river water	2014	24	2	171	175		Scopus
224	Kumari, P., Jandaik, S., Batta, S.	Bacillus sp. isolation, characterization, optimization and purification	2014	8	5	3667	3674		Scopus
225	Kumar, A., Singh, S., Kumar, D.	Evaluation of antimicrobial potential of cadmium sulphide nanoparticles against bacterial pathogens	2014	24	2	202	207	2	Scopus

226	Minhas, N., Bharti, Patil, S., Sharma, P.C.	for cultivation of Cryptococcus neoformans with extracts of different plant products	2014	24	1	70	75		Scopus
227	Kumar, A.	flow in different shaped roughness elements on the absorber plate solar air heater duct	2014	57		2102	2111	2	Scopus
228	Kumar, A., Kumar, D.	Isolation and characterization of bacteria from dairy samples of Solan in Himachal Pradesh for identification of Lactobacillus spp	2014	25	2	110	114	4	Scopus
229	Rana, T., Singh, S., Kaur, N., Pathania, K., Farooq, U.	A review on efflux pump inhibitors of medically important bacteria from plant sources	2014	26	2	101	111	2	Scopus
230	Sareen, R., Nath, K., Jain, N., Dhar, K.L.	colon targeting in inflammatory bowel disease: Fabrication, optimization, and in vitro and pharmacodynamic evaluation	2014	2014				2	Scopus
231	Kumar, N., Sharma, M., Sharma, J.D., Ahluwalia, P.K.	structures of graphene and functionalized graphene: a first principle study	2014	89	2	143	150	3	Scopus
232	Mehta, S., Jandaik, S., Gupta, D.	growth cycle and yield of lingzhi or reishi medicinal mushroom, Ganoderma lucidum (Higher Basidiomycetes) from Northwestern Himalaya (India)	2014	16	6	585	591		Scopus
233	Gupta, N., Thakur, A., Bhardwaj, P.	and organic halides in aqueous solution	2014	38	8	3749	3754	3	Scopus
234	Kumar, A., Kumar, A., Pratush, A.	Molecular diversity and functional variability of environmental isolates of Bacillus species	2014	3	1	1	11	5	Scopus
235	Bhatia, V.K., Sharma, P.C.	Epidemiological studies on dermatophytosis in human patients in Himachal Pradesh, India	2014	3	1	1	7	4	Scopus

236	Sharma, G., Pathania, D., Naushad, M.	Preparation, characterization and antimicrobial activity of biopolymer based nanocomposite ion exchanger pectin zirconium(IV) selenotungstophosphate: Application for removal of toxic metals	2014	20	6	4482	4490	16	Scopus
237	Kumar, A., Kaushal, S., Sharma, S., Sood, H.	In vitro callus induction and plantlet regeneration of Swertia chirayita: A critically endangered medicinal plant	2014	27	1	94	96		Scopus
238	J.D., Ahluwalia, P.K.	First-principle study of nanostructures of functionalized graphene	2014	82	6	1103	1117		Scopus
239	Ali, R., Chauhan, V., Farooq, S., Khan, A., Farooq, U.	In-vitro analysis of antibacterial activity of ocimum sanctum against pathogenic bacteria and quantification of ursolic acid and oleanolic acid	2014	25	2	13	17		Scopus
240	Ali, M.S., Pandit, V., Jain, M., Dhar, K.L.	Mucoadhesive microparticulate drug delivery system of curcumin against Helicobacter pylori infection: Design, development and optimization	2014	5	1	48	56	8	Scopus
241	Khurana, S., Varun, Kumar, A.	Effect of silt particles on erosion of Turgo impulse turbine blades	2014	35	3	155	162	3	Scopus
242	Pathania, D., Singh, P., Kumar, A., Rathore, B.S.	Adsorptional removal of methylene blue by guar gum-cerium (IV) tungstate hybrid cationic exchanger	2014	101	1	684	691	20	Scopus
243	Pathania, D., Sarita, Singh, P., Pathania, S.	nanoscale cadmium oxide using bovine serum albumin as green capping agent and its photocatalytic activity	2014	52	19-21	3497	3503	1	Scopus
244	Upadhyay, P., Ghosh, S.K., Kumar, A.	Entropy based noise clustering soft classification method for identification of wheat crop using time series MODIS data	2014						Scopus

245	Kumar, A., Saini, R.P., Saini, J.S.	An experimental investigation of enhanced heat transfer due to a gap in a continuous multiple V-rib arrangement in a solar air channel	2014	21	1	21	49	1	Scopus
246	Thakur, S., Rai, R., Tiwari, A.	Structural, dielectric and magnetic properties of Gd and Dy doped (Bi <sub>0.95</sub> RE <sub>0.05</sub> )(Fe <sub>0.95</sub> Mn <sub>0.05</sub> )O <sub>3</sub> ceramics synthesized by SSR method	2014	197		1	5	2	Scopus
247	Upadhyay, S.K.	Molecular dynamics simulations of certain RGD-based peptides from kistrin provide insight into the higher activity of REI-RGD34 protein at higher temperature	2014	83	5	600	609		Scopus
248	Sharma, D., Kumar, A., Kumar, A.	Probiotic and alcohol producing microbial diversity from the traditional fermented foods and beverages of Himachal Pradesh	2014	8	3	2473	2484		Scopus
249	Verma, J., Kusum, K., Sembi, J.K.	Study on distribution and habitat ecology of a rare lady slipper orchid (Cypripedium cordigerum D. Don) in Himachal Pradesh	2014	27	2	382	388		Scopus
250	Chaudhary, A.A., Khan, M., Ansari, S., Chauhan, V.	Phytochemical screening and antibacterial efficacy of Ficus benghalensis using in vitro models	2014	24	2	276	279		Scopus
251	G., Dhiman, P., Kotnala, R.K., Shah, J., Batoo, K.M., Singh, M.	Structural, dielectric and magnetic properties of nanocrystalline BaFe <sub>12</sub> O <sub>19</sub> hexaferrite processed via sol-gel technique	2014	5	8	447	452	5	Scopus
252	Kaith, B.S., Sharma, K., Kumar, V., Kumar, V., Swart, H.C., Kalia, S.	Effects of swift heavy ion beam irradiation on the structural and morphological properties of poly(methacrylic acid) cross-linked gum ghatti films	2014	101		166	170	15	Scopus

253	Walia, A., Mehta, P., Chauhan, A., Kulshrestha, S., Shirkot, C.K.	cellulase-free low molecular weight endo $\beta$ -1,4 xylanase from an alkalophilic Cellulosimicrobium cellulans CKMX1 isolated from mushroom compost	2014	30	10	2597	2608	8	Scopus
254	Seth, C.A., Sharma, M., Sharma, A., Mahajan, R., Chauhan, A.	Biology and control of Rosellinia necatrix causing white root rot disease: A review	2014	8	3	1803	1814		Scopus
255	Kumar, A., Saini, R.P., Saini, J.S.	Effect of roughness width ratio in discrete Multi v-shaped rib roughness on thermo-hydraulic performance of solar air heater	2014	51	2	209	220		Scopus
256	Gupta, V.K., Pathania, D., Kothiyal, N.C., Sharma, G.	Polyaniline zirconium (IV) silicophosphate nanocomposite for remediation of methylene blue dye from waste water	2014	190		139	145	28	Scopus
257	Kumar, A., Saini, R.P., Saini, J.S.	A review of thermohydraulic performance of artificially roughened solar air heaters	2014	37		100	122	11	Scopus
258	Gupta, V.K., Pathania, D., Priya, B., Singha, A.S., Sharma, G.	copolymer of binary vinyl monomer mixtures onto delignified Grewia optiva fiber: Application in dye removal	2014	2	AUG				Scopus
259	Kumar, A., Haldorai, Y., Kumari, B., Kumar,	Magnetic polymer nanocomposites for environmental and biomedical applications	2014	292	9	2025	2052	31	Scopus
260	Kumar, A., Sharma, G., Naushad, M., Singh, P., Kalia, S.	Polyacrylamide/Ni $_{0.02}$ Zn $_{0.98}$ O nanocomposite with high solar light photocatalytic activity and efficient adsorption capacity for toxic dye removal	2014	53	40	15549	15560	25	Scopus

261	B.S., Kumar, V., Kalia, S., Kumar, V., Swart, H.C.	Synthesis and biodegradation studies of gamma irradiated electrically conductive hydrogels	2014	107		166	177	14	Scopus
262	P., Kumar, A., Sharma, G., Pare, B., Jonnalagadda, S.B., Thakur, P.	Solar photocatalytic activity of nano-ZnO supported on activated carbon or brick grain particles: Role of adsorption in dye degradation	2014	486		159	169	10	Scopus
263	Kango, S., Kalia, S., Thakur, P., Kumari, B., Pathania, D.	Semiconductor-polymer hybrid materials	2014	267		283	312	1	Scopus
264	Kaith, B.S., Sharma, R., Kalia, S., Bhatti, M.S.	Response surface methodology and optimized synthesis of guar gum-based hydrogels with enhanced swelling capacity	2014	4	76	40339	40344	14	Scopus
265	V., Kaith, B.S., Kumar, V., Som, S., Kalia, S., Swart, H.C.	A study of the biodegradation behaviour of poly(methacrylic acid/aniline)-grafted gum ghatti by a soil burial method	2014	4	49	25637	25649	13	Scopus
266	V., Kumar, K., Sethi, M., Kumar, S.	Particle impaction and flow through an infinite array of cylinders	2014	11	7	537	549		Scopus
267	S., Kumar, D., Budhiraja, A., Dhar, K.L.	Anticancer hybrids- a patent survey	2014	9	3	303	339	8	Scopus
268	M.N., Sharma, P., Jaiswal, V., Bansal, S., Lohan, S., Kumar, S.S., Abbot, V., Dhiman, S., Bhardwaj, V.	Quantitative structure-activity relationship (QSAR) studies as strategic approach in drug discovery	2014	23	12	4991	5007	5	Scopus



269	J.S., Martin-Marcos, P., Dong, J., Zhang, F., Bhardwaj, M., Lorsch, J.R., Hinnebusch, A.G.	eIF5 promotes the accuracy of start codon recognition by regulating P <sub>1</sub> release and conformational transitions of the preinitiation complex	2014	42	15	9623	9640	4	Scopus
270	B.S., Kumar, V., Kalia, S., Kumar, V., Swart, H.C.	Water retention and dye adsorption behavior of Gg-cl-poly(acrylic acid-aniline) based conductive hydrogels	2014	232-234		45	55	19	Scopus
271	Sharma, K., Kaith, B.S., Kumar, V., Kumar, V., Kalia, S., Kapur, B.K., Swart, H.C.	of the effect of Ni <sup>9+</sup> and Au <sup>8+</sup> ion beams on the properties of poly(methacrylic acid) grafted gum ghatti films [Radiat. Phys. Chem. 97 (2014) 253-261]	2014	99		97			Scopus
272	K., Kumar, V., Kalia, S., Swart, H.C.	gum ghatti-polymethacrylic acid based electrically conductive hydrogels	2014	187	1	61	67	13	Scopus
273	Sharma, J.D., Sharma, M., Kumar, N., Ahluwalia, P.K.	Computational study of dielectric function and optical properties of a graphene nano structure containing graphene quantum dot	2013	472	1			3	Scopus
274	B.S., Kumar, V., Kumar, V., Som, S., Kalia, S., Swart, H.C.	Synthesis and properties of poly(acrylamide-aniline)-grafted gum ghatti based nanospikes	2013	3	48	25830	25839	21	Scopus
275	Singh, P., Raizada, P., Pathania, D., Kumar, A., Thakur, P.	Preparation of BSA-ZnWO <sub>4</sub> nanocomposites with enhanced adsorptional photocatalytic activity for methylene blue degradation	2013	2013				4	Scopus
276	Gupta, V.K., Pathania, D., Sharma, S.	Adsorptive remediation of Cu(II) and Ni(II) by microwave assisted H <sub>3</sub> PO <sub>4</sub> activated carbon	2013					1	Scopus

277	Kumar, N.	2.50 Gbit/s FSO system using PPM modulation schemes in HAP to ground links	2013	34	4	371	375		Scopus
278	Thakur, K.K., Verma, J.	Study on distribution, habitat characteristics and seed morphometry of a medicinal orchid, <i>Eulophia herbacea</i> Lindl	2013	26	2	121	126	1	Scopus
279	Patil, S., Sharma, D.K., Sharma, P.C.	Emergence of methicillin resistant <i>Staphylococcus aureus</i> strains (MRSA) and Multi drug resistant (MDR) strains in Himachal Pradesh	2013	23	1	1	5	1	Scopus
280	Sharma, S., Kaur, J., Sharma, G., Thakur, K.K., Chauhan, G.S., Chauhan, K.	Preparation and characterization of pH-responsive guar gum microspheres	2013	62		636	641	7	Scopus
281	Bharti, B., Kalia, S., Kumar, S., Kumar, A., Mittal, H.	Surface Functionalization of Sisal Fibers Using Peroxide Treatment Followed by Grafting of Poly(ethyl acrylate) and Copolymers	2013	18	8	596	607	1	Scopus
282	Bhardwaj, P., Kalia, S., Kumar, A., Mittal, H.	Peroxide treatment of soy protein fibers followed by grafting of poly(methyl acrylate) and copolymers	2013	1	4	302	310		Scopus
283	Mehta, P., Walia, A., Chauhan, A., Kulshrestha, S., Shirkot, C.K.	growth promoting potential by stress tolerant <i>Bacillus</i> sp. isolated from rhizosphere of apple orchards in trans Himalayan region of Himachal Pradesh	2013	163	3	430	443	2	Scopus
284	Gupta, P., Goyal, R., Chauhan, Y., Sharma, P.L.	Possible modulation of FAS and PTP-1B signaling in ameliorative potential of <i>Bombax ceiba</i> against high fat diet induced obesity	2013	13					Scopus

285	Jandaik, S., Singh, R., Sharma, M.	and yield attributes of Lingzhi or Reishi medicinal mushroom, <i>Ganoderma lucidum</i> (Higher Basidiomycetes) on different substrates in India	2013	15	5	497	503		Scopus
286	Sareen, R., Jain, N., Dhar, K.L.	Development of colon specific microspheres of flurbiprofen for inflammatory bowel disease.	2013	10	5	564	571	5	Scopus
287	Kumar, A., Saini, R.P., Saini, J.S.	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	2013	58		151	163	31	Scopus
288	Dhingra, A.K., Dhar, K.L.	<i>Psoralea corylifolia</i> L. (Buguchi) - Folklore to modern evidence: Review	2013	90		44	56	34	Scopus
289	Rai, R., Rani, R., Sharma, S., Kholkin, A.L.	phase structures and electrical properties of $K_{0.5}Na_{0.5}NbO_3$ lead-free piezoelectric ceramics	2013	577		575	580	4	Scopus
290	Singh, P., Raizada, P., Pathania, D., Sharma, G., Sharma, P.	Microwave induced KOH activation of guava peel carbon as an adsorbent for congo red dye removal from aqueous phase	2013	20	5	305	311	8	Scopus
291	Negi, S., Kumari, D., Chauhan, V.	In-vitro screening of probiotic potential of the micro-organisms isolated from various food sources commercially available in Solan, Himachal Pradesh (India)	2013	22	2	279	284		Scopus
292	Kumar, A., Sharma, M., Kumar, A.	Characterization of potential oil degrading and plant growth promoting bacteria from the soils of Himachal Pradesh	2013	7	3	2287	2294		Scopus

293	Kumar, V., Sonkawade, R.G., Dhaliwal, A.S.	Polypyrrole microspheroidals decorated with Ag nanostructure: Synthesis and their characterization	2013	280		950	956	12	Scopus
294	Hallan, V., Sharma, A., Seth, C.A., Chauhan, A., Zaidi, A.A.	Molecular characterization and intermolecular interaction of coat protein of Prunus necrotic ringspot virus: Implications for virus assembly	2013	24	2	235	241	2	Scopus
295	Kalia, S., Thakur, K., Celli, A., Kiechel, M.A., Schauer, C.L.	Surface modification of plant fibers using environment friendly methods for their application in polymer composites, textile industry and antimicrobial activities: A review	2013	1	3	97	112	50	Scopus
296	Sareen, R., Jain, N., Pandit, V.	Curcumin: A boon to colonic diseases	2013	14	10	1210	1218	10	Scopus
297	Gupta, V.K., Agarwal, S., Singh, P., Pathania, D.	Acrylic acid grafted cellulosic Luffa cylindrical fiber for the removal of dye and metal ions	2013	98	1	1214	1221	31	Scopus
298	Khurana, S., Goel, V., Kumar, A.	FEM analysis of turgo impulse turbine blade	2013	10	4	363	368		Scopus
299	Aggarwal, R.K., Sharma, J.D.	Energy analysis of a building using artificial neural network: A review	2013	65		352	358	27	Scopus
300	Sharma, A., Jain, N., Sareen, R.	Nanocarriers for diagnosis and targeting of breast cancer	2013	2013				17	Scopus
301	Kumar, N., Sharma, M., Sharma, J.D., Ahluwalia, P.K.	First principle study of transport properties of a graphene nano structure	2013	1536		139	140		Scopus
302	Muthukumar, V.S., Sharma, J.D., Sundaresan, C.N.	Ab initio computational study of 2- thioureidobenzoxazole molecule	2013	1536		415	416		Scopus
303	Singh, A., Budhiraja, A., Bedi, P.M.S., Dhar, K.L.	Design, synthesis and evaluation of arylidene pyrrolo and pyrido fused quinazolones as antimicrobial agents	2013	10	6	522	528		Scopus

304	Gupta, V.K., Pathania, D., Sharma, S., Singh, P.	Preparation of bio-based porous carbon by microwave assisted phosphoric acid activation and its use for adsorption of Cr(VI)	2013	401		125	132	43	Scopus
305	Agarwal, S., Pathania, D., Kothiyal, N.C., Sharma, G.	Use of pectin-thorium (IV) tungstomolybdate nanocomposite for photocatalytic degradation of methylene blue	2013	96	1	277	283	26	Scopus
306	Pathania, D., Singh, P., Rathore, B.S., Chauhan, P.	Cellulose acetate-zirconium (IV) phosphate nano-composite with enhanced photo-catalytic activity	2013	95	1	434	440	23	Scopus
307	Kumar, A., Kumar, A., Pratush, A.	diversity from the rhizospheric soils of sub-temperate region of Himachal Pradesh	2013	26	1	143	150		Scopus
308	Rana, T., Jasumati, Kaur, N., Thakur, P.	antibiotic susceptibility testing of enteric bacteria isolated from urinary tract infections	2013	4	2			1	Scopus
309	Kuniyal, J.C., Chand, K., Guleria, R.P., Dhyani, P.P., Chauhan, C.	Surface ozone concentration and its behaviour with aerosols in the northwestern Himalaya, India	2013	71		44	53	15	Scopus
310	Pathania, D., Sharma, S., Singh, P.	Removal of methylene blue by adsorption onto activated carbon developed from Ficus carica bast	2013					10	Scopus
311	Kant, S., Kumar, S.	Effects of alkaline earth metal ions on thermodynamic and ultrasonic properties of ascorbic acid	2013	58	5	1294	1300	3	Scopus
312	Sharma, A., Seth, C.A.	Molecular biology of Tomato spotted wilt virus: An update	2013	15	2	71	80		Scopus
313	Bharti, Minhas, N., Patil, S., Kumar, A., Sharma, P.C.	Novel preparations of culture media from plant materials for cultivation of Candida albicans	2013	20	1	128	133		Scopus

314	Khurana, S., Kumar, V., Kumar, A.	The effect of nozzle angle on erosion and the performance of turgo impulse turbines	2013	20	2	97	101	5	Scopus
315	Sharma, S., Pathania, D., Singh, P.	Cr(VI) adsorption behavior study of poly(acrylic acid) grafted Ficus carica bast fiber	2013	4	4	271	276	13	Scopus
316	Kumar, N., Sharma, J.D., Kumar, A., Ahluwalia, P.K.	Band gap engineering in nano structured graphane by applying elastic strain	2013	1512		192	193	3	Scopus
317	Batta, B., Katoch, A., Bhatia, V.K., Patil, S., Sharma, P.C.	Azadirachta indica (Neem), Aegle marmelos (Bael) and Trigonella foenum graecum (Methi) for their inhibitory activity on the strains of pseudomonas aeruginosa, staphylococcus aureus and Candida	2013	19	2	42	46	1	Scopus
318	Kumar, D., Saini, N., Jain, N., Sareen, R., Pandit, V.	Gold nanoparticles: An era in bionanotechnology	2013	10	3	397	409	31	Scopus
319	Jandaik, S., Sharma, M., Kumar, J., Singh, R.	Antimicrobial activity of bacteriocin produced by lactic acid bacteria isolated from milk products	2013	7	1	603	608		Scopus
320	Nanda, J.S., Saini, A.K., Muñoz, A.M., Hinnebusch, A.G., Lorsch, J.R.	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	2013	288	8	5316	5329	25	Scopus
321	Jagota, V., Sethi, A.P.S., Kumar, K.	Finite element method: An overview	2013	10	1	1	8		Scopus

322	Zhu, Z., Singh, V., Watkins, S.K., Bronte, V., Shoe, J.L., Feigenbaum, L., Hurwitz, A.A.	High-avidity T cells are preferentially tolerized in the tumor microenvironment	2013	73	2	595	604	21	Scopus
323	Dohroo, A., Sharma, D.R., Dohroo, N.P.	Occurrence of arbuscular mycorrhizae in rhizospheric soils of different crops and agroclimatic zones of Himachal Pradesh, India	2013	47	4	373	376		Scopus
324	Bansal, S., Vyas, S., Bhattacharya, S., Sharma, M.	Catechin prodrugs and analogs: A new array of chemical entities with improved pharmacological and pharmacokinetic properties	2013	30	11	1438	1454	10	Scopus
325	Pathania, D., Agarwal, S., Sharma, S.	Removal of Cr(VI) onto Ficus carica biosorbent from water	2013	20	4	2632	2644	42	Scopus
326	Pathania, D., Sharma, S., Agarwal, S., Singh, P.	orange from aqueous solution onto acrylic acid grafted Ficus carica fiber: Isotherms, kinetics and thermodynamics	2013	177		325	334	12	Scopus
327	Pathania, D., Sharma, S., Agarwal, S., Singh,	Remediation of noxious chromium (VI) utilizing acrylic acid grafted lignocellulosic adsorbent	2013	177		343	352	21	Scopus
328	Rudramurthy, S.M., Jatana, M., Singh, R., Chakrabarti, A.	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	2013	56	1	39	46	3	Scopus

329	Chauhan, S., Farooq, U., Singh, V., Kumar, A.	Determination of prevalence and antibacterial activity of ESBL (extended spectrum beta-lactamases) producing Klebsiella species isolated from raw milk of doon valley in India	2013	4	1	417	423	1	Scopus
330	Kalia, S., Vashistha, S.	using cellulase and microwave-assisted grafting: A study of morphology, crystallinity, and thermal stability	2012	61	14	1130	1141	2	Scopus
331	Nisha, S., Mathew, G., Lincy, J.	Matrix tablets: An effective way for oral controlled release drug delivery	2012	8	3	165	170		Scopus
332	Sharma, N., Singh, S., Bains, A.	Phenotypic and genotypic characterization of MDR isolates of Staphylococcus aureus from urine and sputum in Himachal Pradesh	2012	4	10	497	500	1	Scopus
333	Mehta, S., Jandaik, S.	In vitro comparative evaluation of antibacterial activity of fruiting body and mycelial extracts of Ganoderma lucidum against pathogenic bacteria	2012	66	4	1997	2001	2	Scopus
334	Sharma, B., Verma, R., Dev, K., Thakur, R.	Manikaran hot spring microbial community by 16S rRNA and RAPD analysis	2012	6	#####	254	266	1	Scopus
335	Kaushal, A., Kumar, D., Khare, S., Kumar, A.	speB gene as a specific genetic marker for early detection of rheumatic heart disease in human	2012	58	1	50	54	31	Scopus
336	Jain, M., Kapadia, R., Jadeja, R.N., Thounaojam, M.C., Devkar, R.V., Mishra, S.H.	Traditional uses, phytochemistry and pharmacology of Tecomella undulata- A review	2012	2	SUPPL.			7	Scopus



337	Jain, M., Kapadia, R., Jadeja, R.N., Thounaojam, M.C., Devkar, R.V., Mishra, S.H.	Protective role of standardized <i>Feronia limonia</i> stem bark methanolic extract against carbon tetrachloride induced hepatotoxicity	2012	11	6	935	943	2	Scopus
338	Goyal, R., Lal Sharma, P.	Possible mechanism of <i>Plumbago zeylanica</i> in prevention of hepatic damage in Wistar rat	2012	7	3	101	108	1	Scopus
339	Sharma, G., Kumar, S., Bhagwat, D.P.	Prion diseases: Combat of genomes and contest for the survival of fittest in microbial world	2012	4	7	381	386		Scopus
340	Pathania, D., Agarwal, S., Singh, P.	degradation of methylene blue onto pectin-CuS nanocomposite under solar light	2012	243		179	186	48	Scopus
341	M.S., Sujatha, S., Mohan, M., Julka, J.M., Ramasamy, E.V.	Earthworm diversity at Nilgiri biosphere reserve, Western Ghats, India	2012	21	13	3343	3353	1	Scopus
342	Kumar, R., Kumar, M., Sharma, P., Chauhan, G.S.	Modified pectin-based polymers as green antiscalants for calcium sulfate scale inhibition	2012	305		31	37	10	Scopus
343	Jain, M., Kapadia, R., Jadeja, R.N., Thounaojam, M.C., Devkar, R.V., Mishra, S.H.	Amelioration of carbon tetrachloride induced hepatotoxicity in rats by standardized <i>Feronia limonia</i> . linn leaf extracts	2012	11		250	259	2	Scopus
344	Pathania, D., Agarwal, S., Sharma, S.	De-coloration of hazardous dye from water system using chemically modified <i>Ficus carica</i> adsorbent	2012	174		86	94	22	Scopus

345	Kalia, S., Verma, S.	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)	2012	3	3	263	274		Scopus
346	Sethi, M., Varun, Thakur, N.S.	Correlations for solar air heater duct with dimpled shape roughness elements on absorber plate	2012	86	9	2852	2861	29	Scopus
347	Jain, M., Kapadia, R., Jadeja, R.N., Thounaojam, M.C., Devkar, R.V., Mishra, S.H.	Hepatoprotective potential of Tecomella undulata stem bark is partially due to the presence of betulinic acid	2012	143	1	194	200	14	Scopus
348	Farooq, U., Dubey, M.L., Shrivastava, S.K., Mahajan, R.C.	Genetic polymorphism in plasmodium falciparum: Differentiation of parasite isolates of high & low virulence by RAPD	2012	136	2	292	295		Scopus
349	Purohit, S., Gupta, S., Khanna, A., Jain, M.	establishing bioequivalence for orally administrated nonabsorbing antibiotics: Vancomycin Hydrochloride	2012	15	2	66	70		Scopus
350	Pathania, D., Sharma, R., Kalia, S.	Graft copolymerization of acrylic acid onto gelatinized patato starch for removal of metal ions and organic dyes from aqueous system	2012	3	3	259	264	8	Scopus
351	Pathania, D., Sharma, S.	Effect of surfactants and electrolyte on removal and recovery of basic dye by using ficus carica cellulosic fibers as biosorbent	2012	49	4	306	315	12	Scopus
352	Tomar, S.K., Sharma, G., George, M.	Skeletal muscle relaxant activity of chloroform extract of Phyllostachys bambusoides on wistar rats	2012	4	UPPL	370	373	1	Scopus

353	Rupesh, A.G., Suresh, S., Pandit, V.	Multiparticulate formulation of valdecoxib for the treatment of rheumatoid arthritis	2012	2	6	217	222		Scopus
354	Chauhan, K., Dharela, R., Chauhan, G.S.	starch-based hydrogels as stimuli sensitive carriers for insulin loading and delivery	2012	4	1	33	41		Scopus
355	Sareen, R., Jain, N., Kumar, D.	An insight to osmotic drug delivery	2012	9	3	285	296	9	Scopus
356	Pathania, D., Sharma, R.	graft copolymers of methacrylic acid onto gelatinized potato starch using chromic acid initiator in presence of air	2012	3	2	136	142	19	Scopus
357	Thakur, A., Thakur, P., Hsu, J.-H.	0.6Co 0.1Fe 1.9O <sub>4</sub> spinel nano-ferrite	2012	111	7			8	Scopus
358	Kalia, S., Vashistha, S.	Surface Modification of Sisal Fibers (Agave sisalana) Using Bacterial Cellulase and Methyl Methacrylate	2012	20	1	142	151	8	Scopus
359	Verma, R., Parkash, V., Kumar, D.	Ethno-medicinal uses of some plants of Kanag hill in Shimla, Himachal Pradesh, India	2012	3	2	319	322	1	Scopus
360	Trivedi, J.C., Mehta, V.P., Ermolat'Ev, D.S., Van Der Eycken,	Efficient preparation of tetrasubstituted pyrazines starting from pyrazin-2(1H)-ones	2012	44	11	1614	1624	2	Scopus
361	A., Sharma, K., Patil, S., Chauhan, V., Pratush, A., Sharma, P.C.	Smear and culture examination of clinical samples from suspected patients for Mycobacterium tuberculosis	2012	12	2	83	85		Scopus
362	Kumar, A., Kumar, A., Kumari, R., Patil, S., Kumar, A., Negi, S.	Application of a rapid serological vdrI test for detection of anti Treponema pallidum antibodies in serum of suspected syphilis patients	2012	12	2	80	82		Scopus

363	S., Thakur, V.C., Kumar, A., Patil, S., Vohra, M.P.	Antifungal activity of some natural essential oils against Candida species isolated from blood stream infection	2012	1	1	61	66	6	Scopus
364	Sharma, J.D., Ahluwalia, P.K., Kumar, N.	Study of electron density of states of nano structured functionalized graphene within DFT calculations	2011	1393		321	322	4	Scopus
365	Kothiyal, N.C., Pathania, D., Chauhan, C.	Remediation of Cr (VI) by low cost adsorbents and synthetic inorganic ion exchangers: A comparative study	2011	10	9	2900	2912	5	Scopus
366	Kaur, L., Joseph, L., George, M.	Phytochemical analysis of leaf extract of Aesculus indica	2011	3	UPPL.	232	234	5	Scopus
367	G., Sharma, A., George, M., Joseph, L.	Anticonvulsant activity of chloroform extract of Phyllostachys bambusoides	2011	3	UPPL.	125	127	3	Scopus
368	Joshi, H., Gururaja, M.P., Singh, S.	Memecylon umbellatum (Melastomataceae): A review	2011	11	2	54	58	1	Scopus
369	Abbhi, V., Joseph, L., George, M.	Phytochemical analysis of fruit extract of Myrsine africana	2011	3	4	427	430	3	Scopus
370	L., George, M., Bharti, V.	Antimicrobial activity of methanolic extract of Rumex nepalensis leaves	2011	3	UPPL.	240	242	1	Scopus
371	M., Sharma, A., Gopal, N.	the aqueous extract of the Prosopis cineraria	2011	5	2	73	77	3	Scopus
372	Arya, V., Sharma, R., Parmar, R.K.	A newer approach in purification of acetone extract of Pyrus pashia Buch.-Ham. ex D. Don stem bark	2011	9	2	142	146		Scopus
373	Kumar, S., Joseph, L., George, M., Kaur, L., Bharti, V.	Skeletal muscle relaxant activity of methanolic extract of Rumex nepalensis in albino rats	2011	3	3	725	728	1	Scopus
374	Pathania, D., Sarita, Rathore, B.S.	Synthesis, characterization and photocatalytic application of Bovine Serum Albumin capped cadmium sulphide nanopartilces	2011	8	6	396	404	14	Scopus

375	Kumar, S., Joseph, L., George, M., Sharma, A.	anticoagulant/antithrombotic activity of natural plants used in traditional medicine	2011	8	1	70	74	3	Scopus
376	Sharma, P.	Cinnamic acid derivatives: A new chapter of various pharmacological activities	2011	3	2	403	423	63	Scopus
377	Arya, V., Gupta, V.K., Kaur, R.	A review on plants having anti-arthritic potential	2011	7	2	131	136	9	Scopus
378	Jain, J.P., Jatana, M., Chakrabarti, A., Kumar, N.	polymersomes formulation (PAMBO) based on (PEG)3-PLA copolymers: An in vivo evaluation in a murine model	2011	8	1	204	212	19	Scopus
379	Trivedi, J.C., Mehta, V.P., Ermolat'ev, D.S., Van Der Eyckens,	An expeditious route toward pyrazine-containing nucleoside analogues	2011	76	3	846	856	33	Scopus
380	Khanna, N.D., Kaur, I., Kumar, A.	Starch-grafted polypropylene: Synthesis and characterization	2011	119	1	602	612	3	Scopus
381	L., Njuguna, J., Dufresne, A., Cherian, B.M.	Natural fibers, bio- and nanocomposites	2011	2011				6	Scopus
382	A., Cherian, B.M., Kaith, B.S., Avérous, L., Njuguna, J., Nassiopoulos, E.	Cellulose-based bio- and nanocomposites: A review	2011	2011				113	Scopus
383	Dev, K., Qiu, H., Dong, J., Zhang, F., Barthlme, D., Hinnebusch, A.G.	translation initiation factor 2B (eIF2B), a guanine nucleotide exchange factor, is crucial for binding eIF2 in vivo	2010	30	21	5218	5233	13	Scopus
384	Bharmauria, V., Verma, V., Narang, N., Sharma, S.	Efficient DNA isolation from <i>Emblca officinalis</i> for effective PCR	2010	5	1	105	109	3	Scopus

385	Bharmauria, V., Narang, N., Verma, V., Sharma, S.	Genetic variation and polymorphism in the Himalayan nettle plant <i>Urtica</i> <i>dioica</i> based on RAPD marker	2009	3	3	166	170	4	Scopus
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