

Amit Kumar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1344533/publications.pdf>

Version: 2024-02-01

247
papers

13,369
citations

18482

62
h-index

29157

104
g-index

262
all docs

262
docs citations

262
times ranked

12409
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent progress and challenges in photocatalytic water splitting using layered double hydroxides (LDH) based nanocomposites. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 37438-37475.	7.1	22
2	Metallic and bimetallic phosphides-based nanomaterials for photocatalytic hydrogen production and water detoxification: a review. <i>Environmental Chemistry Letters</i> , 2022, 20, 597-632.	16.2	12
3	Decadal Response of Dokriani Glacier using High-resolution Hydrological Data, Indian Himalaya. <i>Journal of the Geological Society of India</i> , 2022, 98, 62-68.	1.1	3
4	ZnO-based heterostructures as photocatalysts for hydrogen generation and depollution: a review. <i>Environmental Chemistry Letters</i> , 2022, 20, 1047-1081.	16.2	68
5	Characteristics of surge-type tributary glaciers, Karakoram. <i>Geomorphology</i> , 2022, 403, 108161.	2.6	8
6	Potential seismic precursors and surficial dynamics of a deadly Himalayan disaster: an early warning approach. <i>Scientific Reports</i> , 2022, 12, 3733.	3.3	16
7	Review on polycyclic aromatic hydrocarbons (PAHs) migration from wastewater. <i>Journal of Contaminant Hydrology</i> , 2021, 236, 103715.	3.3	42
8	Silicate glass matrix@Cu ₂ O/Cu ₂ V ₂ O ₇ p-n heterojunction for enhanced visible light photo-degradation of sulfamethoxazole: High charge separation and interfacial transfer. <i>Journal of Hazardous Materials</i> , 2021, 402, 123790.	12.4	95
9	Local surface plasmon resonance assisted energy harvesting in thin film organic solar cells. <i>Journal of Alloys and Compounds</i> , 2021, 856, 158172.	5.5	33
10	Ion transfer channel network formed by flower and rod shape crystals of hair hydrolysate in poly(vinyl alcohol) matrix and its application as anion exchange membrane in fuel cells. <i>Journal of Colloid and Interface Science</i> , 2021, 587, 214-228.	9.4	7
11	Environmental friendly and robust Mg _{0.5-x} Cu _x Zn _{0.5} Fe ₂ O ₄ spinel nanoparticles for visible light driven degradation of Carbamazepine: Band shift driven by dopants. <i>Materials Letters</i> , 2021, 284, 129005.	2.6	22
12	Construction of dual Z-scheme g-C ₃ N ₄ /Bi ₄ Ti ₃ O ₁₂ /Bi ₄ O ₅ I ₂ heterojunction for visible and solar powered coupled photocatalytic antibiotic degradation and hydrogen production: Boosting via $h\nu$ /I $3\tilde{a}^{\cdot-}$ and Bi ³⁺ /Bi ⁵⁺ redox mediators. <i>Applied Catalysis B: Environmental</i> , 2021, 284, 119808.	20.2	252
13	Assessing the in vitro sensitivity with associated drug resistance polymorphisms in Plasmodium vivax clinical isolates from Delhi, India. <i>Experimental Parasitology</i> , 2021, 220, 108047.	1.2	5
14	Evaluation of Ground Water Quality by Use of Water Quality Index in the Vicinity of the Rajaji National Park Haridwar, Uttarakhand, India. <i>Springer Hydrogeology</i> , 2021, , 343-356.	0.3	3
15	Microbial fuel cell: a greener way to protect the environment. , 2021, , 575-584.		0
16	Pentafluoropyridine functionalized novel heteroatom-doped with hierarchical porous 3D cross-linked graphene for supercapacitor applications. <i>RSC Advances</i> , 2021, 11, 26892-26907.	3.6	8
17	Effect of salt stress on seed germination, morphology, biochemical parameters, genomic template stability, and bioactive constituents of <i>Andrographis paniculata</i> Nees. <i>Acta Physiologiae Plantarum</i> , 2021, 43, 1.	2.1	11
18	A Perspective on Rishiganga-Dhauliganga Flash Flood in the Nanda Devi Biosphere Reserve, Garhwal Himalaya, India. <i>Journal of the Geological Society of India</i> , 2021, 97, 335-338.	1.1	31

#	ARTICLE	IF	CITATIONS
19	Adventitious root cultures of <i>Decalepis salicifolia</i> for the production of 2-hydroxy-4-methoxybenzaldehyde, a vanillin isomer flavor metabolite. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 3087-3099.	3.6	8
20	<i>Decalepis salicifolia</i> (Bedd. ex Hook. f.) Venter: A steno-endemic and critically endangered medicinal and aromatic plant from Western Ghats, India. <i>Journal of Biosciences</i> , 2021, 46, 1.	1.1	0
21	CO ₂ Reforming of CH ₄ on Mesoporous Alumina-Supported Cobalt Catalyst: Optimization of Lanthana Promoter Loading. <i>Topics in Catalysis</i> , 2021, 64, 338-347.	2.8	8
22	Robust magnetic ZnO-Fe ₂ O ₃ Z-scheme heterojunctions with in-built metal-redox for high performance photo-degradation of sulfamethoxazole and electrochemical dopamine detection. <i>Environmental Research</i> , 2021, 197, 111074.	7.5	58
23	Metals Recovery from Seawater Desalination Brines: Technologies, Opportunities, and Challenges. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 7704-7712.	6.7	60
24	Utilization of Ag ₂ O-Al ₂ O ₃ -ZrO ₂ decorated onto rGO as adsorbent for the removal of Congo red from aqueous solution. <i>Environmental Research</i> , 2021, 197, 111179.	7.5	38
25	Timing matters: Distinct effects of nitrogen and phosphorus fertilizer application timing on root system architecture responses. <i>Plant-Environment Interactions</i> , 2021, 2, 194-205.	1.5	4
26	Adsorptional-photocatalytic removal of fast sulphon black dye by using chitin-cl-poly(itaconic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 2021, 416, 125714.	12.4	102
27	Gone and forgotten: facilitative effects of intercropping combinations did not carry over to affect barley performance in a follow-up crop rotation. <i>Plant and Soil</i> , 2021, 467, 405-419.	3.7	5
28	Caustic Soda Production, Energy Efficiency, and Electrolyzers. <i>ACS Energy Letters</i> , 2021, 6, 3563-3566.	17.4	21
29	Advances and challenges in metal ion separation from water. <i>Trends in Chemistry</i> , 2021, 3, 819-831.	8.5	14
30	Recent advances on nickel nano-ferrite: A review on processing techniques, properties and diverse applications. <i>Chemical Engineering Research and Design</i> , 2021, 175, 182-208.	5.6	57
31	Nanostructured magnetic inverse spinel Ni-Zn ferrite as environmental friendly visible light driven photo-degradation of levofloxacin. <i>Chemical Engineering Research and Design</i> , 2021, 175, 85-101.	5.6	50
32	Acceleration of photo-reduction and oxidation capabilities of Bi ₄ O ₅ I ₂ /SPION@calcium alginate by metallic Ag: Wide spectral removal of nitrate and azithromycin. <i>Chemical Engineering Journal</i> , 2021, 423, 130173.	12.7	41
33	Time series analysis of hydrometeorological data for the characterization of meltwater storage in glaciers of Garhwal Himalaya. , 2021, , 373-388.		4
34	Practical scale up synthesis of carboxylic acids and their bioisosteres 5-substituted-1 <i>H</i> -tetrazoles catalyzed by a graphene oxide-based solid acid carbocatalyst. <i>RSC Advances</i> , 2021, 11, 11166-11176.	3.6	13
35	Analytical quality-by-design (AQbD) guided development of a robust HPLC method for the quantification of plumbagin from <i>Plumbago</i> species. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2021, 44, 529-537.	1.0	6
36	Glacier Sediment Dynamics, Flux and Facies: A Perspective From the Indian Himalaya. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
37	Assessment of water recharge source of geothermal systems in Garhwal Himalaya (India). <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	4
38	Why double-stranded RNA with 5'-monophosphate is a poor binder to retinoic acid-inducible gene-1 with respect to 5'-hydroxyl analogue?. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 4048-4055.	3.5	2
39	Bio-inspired and biomaterials-based hybrid photocatalysts for environmental detoxification: A review. <i>Chemical Engineering Journal</i> , 2020, 382, 122937.	12.7	201
40	Organic matter priming by invasive plants depends on dominant mycorrhizal association. <i>Soil Biology and Biochemistry</i> , 2020, 140, 107645.	8.8	14
41	Carbon quantum dots and reduced graphene oxide modified self-assembled S@C ₃ N ₄ /B@C ₃ N ₄ metal-free nano-photocatalyst for high performance degradation of chloramphenicol. <i>Journal of Molecular Liquids</i> , 2020, 300, 112356.	4.9	59
42	Electrospun ferric ceria nanofibers blended with MWCNTs for high-performance electrochemical detection of uric acid. <i>Ceramics International</i> , 2020, 46, 9050-9064.	4.8	26
43	Nickel sulphide nano-composite assisted hole transport in thin film polymer solar cells. <i>Solar Energy</i> , 2020, 195, 310-317.	6.1	39
44	Principle of DNA recognition by sporulation-regulatory protein (Spo0A) in <i>Bacillus subtilis</i> . <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 5186-5194.	3.5	4
45	Facile fabrication of chitosan-cl-poly(AA)/ZrPO ₄ nanocomposite for remediation of rhodamine B and antimicrobial activity. <i>Journal of King Saud University - Science</i> , 2020, 32, 1359-1365.	3.5	23
46	Determination of water quality of Ganga River System in Himalayan region, referencing indexing techniques. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	1.3	42
47	Designing of bentonite based nanocomposite hydrogel for the adsorptive removal and controlled release of ampicillin. <i>Journal of Molecular Liquids</i> , 2020, 319, 114166.	4.9	35
48	Mg _{0.5} Ni _x Zn _{0.5-x} Fe ₂ O ₄ spinel as a sustainable magnetic nano-photocatalyst with dopant driven band shifting and reduced recombination for visible and solar degradation of Reactive Blue-19. <i>Advanced Powder Technology</i> , 2020, 31, 4585-4597.	4.1	32
49	Gum Acacia@poly(acrylamide)@carbon nitride Nanocomposite Hydrogel for Adsorption of Ciprofloxacin and its Sustained Release in Artificial Ocular Solution. <i>Macromolecular Materials and Engineering</i> , 2020, 305, 2000274.	3.6	27
50	Fe ₃ O ₄ /ZnO/Si ₃ N ₄ nanocomposite based photocatalyst for the degradation of dyes from aqueous solution. <i>Materials Letters</i> , 2020, 278, 128359.	2.6	115
51	DNA barcoding coupled with secondary structure information enhances <i>Achyranthes</i> species resolution. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2020, 19, 100269.	1.5	0
52	Ag ₂ O@Al ₂ O ₃ @ZrO ₂ Trimetallic Nanocatalyst for High Performance Photodegradation of Nicosulfuron Herbicide. <i>Topics in Catalysis</i> , 2020, 63, 1272-1285.	2.8	8
53	AgO/MgO/FeO@Si ₃ N ₄ nanocomposite with robust adsorption capacity for tetracycline antibiotic removal from aqueous system. <i>Advanced Powder Technology</i> , 2020, 31, 4310-4318.	4.1	26
54	When and where should there be dedicated lanes under mixed traffic of automated and human-driven vehicles for system-level benefits?. <i>Research in Transportation Business and Management</i> , 2020, 36, 100527.	2.9	11

#	ARTICLE	IF	CITATIONS
55	Fe ₃ O ₄ mediated Z-scheme BiVO ₄ /Cr ₂ V ₄ O ₁₃ strongly coupled nano-heterojunction for rapid degradation of fluoxetine under visible light. <i>Materials Letters</i> , 2020, 281, 128650.	2.6	16
56	DNA barcode based species-specific marker for <i>Ocimum tenuiflorum</i> and its applicability in quantification of adulteration in herbal formulations using qPCR. <i>Journal of Herbal Medicine</i> , 2020, 23, 100376.	2.0	8
57	LaTiO ₂ N/Bi ₂ S ₃ Z-scheme nano heterostructures modified by rGO with high interfacial contact for rapid photocatalytic degradation of tetracycline. <i>Journal of Molecular Liquids</i> , 2020, 311, 113300.	4.9	30
58	Comparative analysis of <i>Plasmodium falciparum</i> dihydrofolate-reductase gene sequences from different regions of India. <i>Heliyon</i> , 2020, 6, e03715.	3.2	4
59	Visibly Active FeO/ZnO@PANI Magnetic Nano-photocatalyst for the Degradation of 3-Aminophenol. <i>Topics in Catalysis</i> , 2020, 63, 1302-1313.	2.8	17
60	Ag ₀ -Ag ₂ O embedded nanocomposite hydrogel for adsorption-coupled-photocatalytic removal of triclosan. <i>Materials Letters</i> , 2020, 276, 128169.	2.6	25
61	Constructing Z-scheme LaTiO ₂ N/g-C ₃ N ₄ @Fe ₃ O ₄ magnetic nano heterojunctions with promoted charge separation for visible and solar removal of indomethacin. <i>Journal of Water Process Engineering</i> , 2020, 36, 101391.	5.6	25
62	Atrazine removal using chitin-cl-poly(acrylamide-co-itaconic acid) nanohydrogel: Isotherms and pH responsive nature. <i>Carbohydrate Polymers</i> , 2020, 241, 116258.	10.2	74
63	Micropropagation, encapsulation, and conservation of <i>Decalepis salicifolia</i> , a vanillin isomer containing medicinal and aromatic plant. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2020, 56, 526-537.	2.1	20
64	Population Genetics Coupled Chemical Profiling for Conservation Implications of <i>Decalepis salicifolia</i> (Bedd. ex Hook.f.) Venter, an Endemic and Critically Endangered Species of Western Ghats, India. <i>Biochemical Genetics</i> , 2020, 58, 452-472.	1.7	5
65	The hazardous 2017–2019 surge and river damming by Shispare Glacier, Karakoram. <i>Scientific Reports</i> , 2020, 10, 4685.	3.3	43
66	Graft Copolymerization of Acrylonitrile and Ethyl Acrylate onto <i>Pinus Roxburghii</i> Wood Surface Enhanced Physicochemical Properties and Antibacterial Activity. <i>Journal of Chemistry</i> , 2020, 2020, 1-16.	1.9	8
67	Optimal positioning of dynamic wireless charging infrastructure in a road network for battery electric vehicles. <i>Transportation Research, Part D: Transport and Environment</i> , 2020, 85, 102385.	6.8	53
68	Carboxymethyl cellulose structured nano-adsorbent for removal of methyl violet from aqueous solution: isotherm and kinetic analyses. <i>Cellulose</i> , 2020, 27, 3677-3691.	4.9	38
69	Topographic and climatic influence on seasonal snow cover: Implications for the hydrology of ungauged Himalayan basins, India. <i>Journal of Hydrology</i> , 2020, 585, 124716.	5.4	29
70	Facile and One-Step in Situ Synthesis of Pure Phase Mesoporous Li ₂ MnSiO ₄ /CNTs Nanocomposite for Hybrid Supercapacitors. <i>ACS Applied Energy Materials</i> , 2020, 3, 2450-2464.	5.1	30
71	Morpho-genetic divergence and population structure in Indian <i>Santalum album</i> L.. <i>Trees - Structure and Function</i> , 2020, 34, 1113-1129.	1.9	6
72	Rapid visible and solar photocatalytic Cr(VI) reduction and electrochemical sensing of dopamine using solution combustion synthesized ZnO@Fe ₂ O ₃ nano heterojunctions: Mechanism Elucidation. <i>Ceramics International</i> , 2020, 46, 12255-12268.	4.8	87

#	ARTICLE	IF	CITATIONS
73	Water Quality and Planktonic Composition of River Henwal (India) Using Comprehensive Pollution Index and Biotic-Indices. , 2020, 5, 541-553.		36
74	CeO ₂ /g-C ₃ N ₄ /V ₂ O ₅ ternary nano hetero-structures decorated with CQDs for enhanced photo-reduction capabilities under different light sources: Dual Z-scheme mechanism. Journal of Alloys and Compounds, 2020, 838, 155692.	5.5	96
75	Fabrication and Characterization of Polysorbate/Ironmolybdophosphate Nanocomposite: Ion Exchange Properties and pH-responsive Drug Carrier System for Methylcobalamin. Current Analytical Chemistry, 2020, 16, 138-148.	1.2	1
76	ISSR Characterization and Quantification of Purpurin and Alizarin in <i>Rubia cordifolia</i> L. Populations from India. Biochemical Genetics, 2019, 57, 56-72.	1.7	8
77	Solar active nano-Zn ^{1-x} Mg ^x Fe ₂ O ₄ as a magnetically separable sustainable photocatalyst for degradation of sulfadiazine antibiotic. Journal of Molecular Liquids, 2019, 294, 111574.	4.9	48
78	Delineation of <i>Ocimum gratissimum</i> L. complex combining morphological, molecular and essential oils analysis. Industrial Crops and Products, 2019, 139, 111536.	5.2	19
79	Multi-criteria based approach to identify critical links in a transportation network. Case Studies on Transport Policy, 2019, 7, 519-530.	2.5	15
80	Effect of Cross-Linker in Poly(N -isopropyl Acrylamide)-Grafted-Gelatin Gels Prepared by Microwave-Assisted Synthesis. ChemistrySelect, 2019, 4, 10346-10351.	1.5	2
81	Graphene oxide supported La/Co/Ni trimetallic nano-scale systems for photocatalytic remediation of 2-chlorophenol. Journal of Molecular Liquids, 2019, 294, 111605.	4.9	30
82	Principles of tRNA ^{Ala} Selection by Alanyl-tRNA Synthetase Based on the Critical G3-U70 Base Pair. ACS Omega, 2019, 4, 15539-15548.	3.5	7
83	Honeycomb structured activated carbon synthesized from <i>Pinus roxburghii</i> cone as effective bioadsorbent for toxic malachite green dye. Journal of Water Process Engineering, 2019, 32, 100931.	5.6	53
84	Recent advances in nano-Fenton catalytic degradation of emerging pharmaceutical contaminants. Journal of Molecular Liquids, 2019, 290, 111177.	4.9	120
85	Lithium Recovery from Oil and Gas Produced Water: A Need for a Growing Energy Industry. ACS Energy Letters, 2019, 4, 1471-1474.	17.4	92
86	Ice-dams, outburst floods, and movement heterogeneity of glaciers, Karakoram. Global and Planetary Change, 2019, 180, 100-116.	3.5	50
87	Fe/La/Zn nanocomposite with graphene oxide for photodegradation of phenylhydrazine. Journal of Molecular Liquids, 2019, 285, 362-374.	4.9	13
88	Highly efficient Sr/Ce/activated carbon bimetallic nanocomposite for photoinduced degradation of rhodamine B. Catalysis Today, 2019, 335, 437-451.	4.4	155
89	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. Chemical Engineering Journal, 2019, 370, 148-165.	12.7	126
90	Integrated Valorization of Desalination Brine through NaOH Recovery: Opportunities and Challenges. Angewandte Chemie - International Edition, 2019, 58, 6502-6511.	13.8	30

#	ARTICLE	IF	CITATIONS
91	Evolution of debris flow and moraine failure in the Gangotri Glacier region, Garhwal Himalaya: Hydro-geomorphological aspects. <i>Geomorphology</i> , 2019, 333, 152-166.	2.6	38
92	Integrated Valorization of Desalination Brine through NaOH Recovery: Opportunities and Challenges. <i>Angewandte Chemie</i> , 2019, 131, 6570-6579.	2.0	8
93	Preparation and Characterization of Gum Acacia/Ce(IV)MoPO ₄ Nanocomposite Ion Exchanger for Photocatalytic Degradation of Methyl Violet Dye. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2019, 29, 1171-1183.	3.7	16
94	Direct electrosynthesis of sodium hydroxide and hydrochloric acid from brine streams. <i>Nature Catalysis</i> , 2019, 2, 106-113.	34.4	65
95	Genetic profiling of the Plasmodium falciparum parasite population in uncomplicated malaria from India. <i>Malaria Journal</i> , 2019, 18, 385.	2.3	9
96	Visible photodegradation of ibuprofen and 2,4-D in simulated waste water using sustainable metal free-hybrids based on carbon nitride and biochar. <i>Journal of Environmental Management</i> , 2019, 231, 1164-1175.	7.8	100
97	Algal biochar reinforced trimetallic nanocomposite as adsorptional/photocatalyst for remediation of malachite green from aqueous medium. <i>Journal of Molecular Liquids</i> , 2019, 275, 499-509.	4.9	62
98	Fabrication of oxidized graphite supported La ₂ O ₃ /ZrO ₂ nanocomposite for the photoremediation of toxic fast green dye. <i>Journal of Molecular Liquids</i> , 2019, 277, 738-748.	4.9	25
99	Wide spectral degradation of Norfloxacin by Ag@BiPO ₄ /BiOBr/BiFeO ₃ nano-assembly: Elucidating the photocatalytic mechanism under different light sources. <i>Journal of Hazardous Materials</i> , 2019, 364, 429-440.	12.4	193
100	Morphology-dependent performance of thin film organic solar cells. <i>Journal of Modern Optics</i> , 2019, 66, 399-406.	1.3	6
101	Fabrication and characterization of novel Fe ₀ @Guar gum-crosslinked-soya lecithin nanocomposite hydrogel for photocatalytic degradation of methyl violet dye. <i>Separation and Purification Technology</i> , 2019, 211, 895-908.	7.9	152
102	Carbon nitride, metal nitrides, phosphides, chalcogenides, perovskites and carbides nanophotocatalysts for environmental applications. <i>Environmental Chemistry Letters</i> , 2019, 17, 655-682.	16.2	51
103	Novel development of nanoparticles to bimetallic nanoparticles and their composites: A review. <i>Journal of King Saud University - Science</i> , 2019, 31, 257-269.	3.5	431
104	Aerogels and metal-organic frameworks for environmental remediation and energy production. <i>Environmental Chemistry Letters</i> , 2018, 16, 797-820.	16.2	57
105	Cellulose Nanocrystal Templated Graphene Nanoscrolls for High Performance Supercapacitors and Hydrogen Storage: An Experimental and Molecular Simulation Study. <i>Scientific Reports</i> , 2018, 8, 3886.	3.3	30
106	Impact of heavy metals and nanoparticles on aquatic biota. <i>Environmental Chemistry Letters</i> , 2018, 16, 919-946.	16.2	127
107	Sodium Hydroxide Production from Seawater Desalination Brine: Process Design and Energy Efficiency. <i>Environmental Science & Technology</i> , 2018, 52, 5949-5958.	10.0	94
108	Energetics of Preferential Binding of Retinoic Acid-Inducible Gene-I to Double-Stranded Viral RNAs with 5'-Diphosphate over 5'-Monophosphate. <i>ACS Omega</i> , 2018, 3, 3786-3795.	3.5	9

#	ARTICLE	IF	CITATIONS
109	Hydrometeorological assessments and suspended sediment delivery from a central Himalayan glacier in the upper Ganga basin. <i>International Journal of Sediment Research</i> , 2018, 33, 493-509.	3.5	29
110	Chemical composition, genetic diversity, antibacterial, antifungal and antioxidant activities of camphor-basil (<i>Ocimum kilimandscharicum</i> Guerke). <i>Industrial Crops and Products</i> , 2018, 118, 246-258.	5.2	35
111	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. <i>Chemical Engineering Journal</i> , 2018, 339, 393-410.	12.7	241
112	Tracing isotopic signatures (δ ¹⁸ O and δ ¹³ C) in precipitation and glacier melt over Chorabari Glacier—Hydroclimatic inferences for the Upper Ganga Basin (UGB), Garhwal Himalaya. <i>Journal of Hydrology: Regional Studies</i> , 2018, 15, 68-89.	2.4	38
113	Pectin-guar gum-zinc oxide nanocomposite enhances human lymphocytes cytotoxicity towards lung and breast carcinomas. <i>Materials Science and Engineering C</i> , 2018, 90, 494-503.	7.3	38
114	Guar gum-crosslinked-Soya lecithin nanohydrogel sheets as effective adsorbent for the removal of thiophanate methyl fungicide. <i>International Journal of Biological Macromolecules</i> , 2018, 114, 295-305.	7.5	100
115	Enhanced CO ₂ Adsorption and Separation in Ionic-Liquid-Impregnated Mesoporous Silica MCM-41: A Molecular Simulation Study. <i>Journal of Physical Chemistry C</i> , 2018, 122, 8216-8227.	3.1	32
116	Fabrication and characterization of trimetallic nano-photocatalyst for remediation of ampicillin antibiotic. <i>Journal of Molecular Liquids</i> , 2018, 260, 342-350.	4.9	119
117	Asymptomatic Plasmodium malariae infections in children from suburban areas of Yaoundé, Cameroon. <i>Parasitology International</i> , 2018, 67, 29-33.	1.3	22
118	Two-Dimensional Layered Materials as Catalyst Supports. <i>ChemNanoMat</i> , 2018, 4, 28-40.	2.8	61
119	ISSR-Derived Species-Specific SCAR Marker for Rapid and Accurate Authentication of <i>Ocimum tenuiflorum</i> L. <i>Planta Medica</i> , 2018, 84, 117-122.	1.3	16
120	Facile synthesis of mesoporous NiFe ₂ O ₄ /CNTs nanocomposite cathode material for high performance asymmetric pseudocapacitors. <i>Applied Surface Science</i> , 2018, 433, 1100-1112.	6.1	92
121	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. <i>Chemical Engineering Journal</i> , 2018, 334, 462-478.	12.7	311
122	Applications of nanocomposite hydrogels for biomedical engineering and environmental protection. <i>Environmental Chemistry Letters</i> , 2018, 16, 113-146.	16.2	207
123	A simplified framework for sequencing of transportation projects considering user costs and benefits. <i>Transportmetrica A: Transport Science</i> , 2018, 14, 346-371.	2.0	8
124	Photoremediation of toxic dye from aqueous environment using monometallic and bimetallic quantum dots based nanocomposites. <i>Journal of Cleaner Production</i> , 2018, 172, 2919-2930.	9.3	140
125	Efficient removal of toxic phosphate anions from aqueous environment using pectin based quaternary amino anion exchanger. <i>International Journal of Biological Macromolecules</i> , 2018, 106, 1-10.	7.5	112
126	Systematic Position, Phylogeny, and Taxonomic Revision of Indian <i>Ocimum</i> . <i>Compendium of Plant Genomes</i> , 2018, , 61-72.	0.5	3

#	ARTICLE	IF	CITATIONS
127	Facile fabrication of Zr ₂ NiCu ₇ trimetallic nano-alloy and its composite with Si ₃ N ₄ for visible light assisted photodegradation of methylene blue. <i>Journal of Molecular Liquids</i> , 2018, 272, 170-179.	4.9	46
128	Sustainable Approach for Mechanical Recycling of Poly(lactic acid)/Cellulose Nanocrystal Films: Investigations on Structure–Property Relationship and Underlying Mechanism. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 14493-14508.	3.7	18
129	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 . <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 40474-40490.	8.0	140
130	Fabrication and characterization of Gum arabic-cl-poly(acrylamide) nanohydrogel for effective adsorption of crystal violet dye. <i>Carbohydrate Polymers</i> , 2018, 202, 444-453.	10.2	174
131	<i>Thalictrum nainitalense</i> (Ranunculaceae), a new species from the Uttarakhand Himalaya, India. <i>Folia Geobotanica</i> , 2018, 53, 449-455.	0.9	4
132	Sodium Dodecyl Sulphate-Supported Nanocomposite as Drug Carrier System for Controlled Delivery of Ondansetron. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 414.	2.6	15
133	Guar gum and its composites as potential materials for diverse applications: A review. <i>Carbohydrate Polymers</i> , 2018, 199, 534-545.	10.2	283
134	Hydroclimatic significance of stable isotopes in precipitation from glaciers of Garhwal Himalaya, Upper Ganga Basin (UGB), India. <i>Hydrological Processes</i> , 2018, 32, 1874-1893.	2.6	24
135	Assessment and review of hydrometeorological aspects for cloudburst and flash flood events in the third pole region (Indian Himalaya). <i>Polar Science</i> , 2018, 18, 5-20.	1.2	52
136	Assessment of Heavy Metals Toxicity and Ecological Impact on Surface Water Quality Using HPI in Ganga River. <i>INAE Letters</i> , 2018, 3, 123-129.	1.0	37
137	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. <i>Chemosphere</i> , 2018, 209, 457-469.	8.2	29
138	Assessment of landslide hazards induced by extreme rainfall event in Jammu and Kashmir Himalaya, northwest India. <i>Geomorphology</i> , 2017, 284, 72-87.	2.6	64
139	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. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 337, 118-131.	3.9	158
140	The ins and outs of microorganism–electrode electron transfer reactions. <i>Nature Reviews Chemistry</i> , 2017, 1, .	30.2	385
141	Fabrication and characterization of sodium dodecyl sulphate@iron silicophosphate nanocomposite: Ion exchange properties and selectivity for binary metal ions. <i>Materials Chemistry and Physics</i> , 2017, 193, 129-139.	4.0	79
142	Efficient removal of coomassie brilliant blue R-250 dye using starch/poly(alginic acid-cl-acrylamide) nanohydrogel. <i>Chemical Engineering Research and Design</i> , 2017, 109, 301-310.	5.6	183
143	<i>In vitro</i> sensitivity to antimalarial drugs and polymorphisms in <i>Pfg377</i> gene in <i>Plasmodium falciparum</i> field isolates from Mewat, India. <i>Pathogens and Global Health</i> , 2017, 111, 225-233.	2.3	2
144	Fabrication and characterization of a nanocomposite hydrogel for combined photocatalytic degradation of a mixture of malachite green and fast green dye. <i>Nanotechnology for Environmental Engineering</i> , 2017, 2, 1.	3.3	70

#	ARTICLE	IF	CITATIONS
145	Thermo-mechanically stable sustainable polymer based solid electrolyte membranes for direct methanol fuel cell applications. <i>Journal of Membrane Science</i> , 2017, 526, 348-354.	8.2	32
146	Structure-Based Energetics of Stop Codon Recognition by Eukaryotic Release Factor. <i>Journal of Chemical Information and Modeling</i> , 2017, 57, 2321-2328.	5.4	7
147	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. <i>Journal of Cleaner Production</i> , 2017, 165, 431-451.	9.3	219
148	Nano Fe x Zn 1â ^x O as a tuneable and efficient photocatalyst for solar powered degradation of bisphenol A from aqueous environment. <i>Journal of Cleaner Production</i> , 2017, 165, 1542-1556.	9.3	157
149	Theoretical analysis of natural gas recovery from marginal wells with a deep well reactor. <i>AIChE Journal</i> , 2017, 63, 3642-3650.	3.6	1
150	Solar-driven photodegradation of 17-Î ² -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. <i>New Journal of Chemistry</i> , 2017, 41, 10208-10224.	2.8	90
151	Utilization of Desalination Brine for Sodium Hydroxide Production: Technologies, Engineering Principles, Recovery Limits, and Future Directions. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 11147-11162.	6.7	79
152	Character-based DNA barcoding for authentication and conservation of IUCN Red listed threatened species of genus <i>Decalepis</i> (Apocynaceae). <i>Scientific Reports</i> , 2017, 7, 14910.	3.3	25
153	Pectin-c rosslinked -guar gum/SPION nanocomposite hydrogel for adsorption of m-cresol and o-chlorophenol. <i>Sustainable Chemistry and Pharmacy</i> , 2017, 6, 96-106.	3.3	78
154	Microwave assisted fabrication of La/Cu/Zr/carbon dots trimetallic nanocomposites with their adsorptional vs photocatalytic efficiency for remediation of persistent organic pollutants. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 347, 235-243.	3.9	100
155	ZnSe-WO ₃ nano-hetero-assembly stacked on Gum ghatti for photo-degradative removal of Bisphenol A: Symbiose of adsorption and photocatalysis. <i>International Journal of Biological Macromolecules</i> , 2017, 104, 1172-1184.	7.5	101
156	Revolution from monometallic to trimetallic nanoparticle composites, various synthesis methods and their applications: A review. <i>Materials Science and Engineering C</i> , 2017, 71, 1216-1230.	7.3	195
157	Ggum-poly(Itaconic Acid) Based Superabsorbents Via Two-Step Free-Radical Aqueous Polymerization for Environmental and Antibacterial Applications. <i>Journal of Polymers and the Environment</i> , 2017, 25, 176-191.	5.0	12
158	Fabrication and characterization of chitosan-crosslinked-poly(alginic acid) nanohydrogel for adsorptive removal of Cr(VI) metal ion from aqueous medium. <i>International Journal of Biological Macromolecules</i> , 2017, 95, 484-493.	7.5	217
159	Early treatment failure in concurrent dengue and mixed malaria species infection with suspected resistance to artemisinin combination therapy from a tertiary care center in Delhi: a case report. <i>International Medical Case Reports Journal</i> , 2017, Volume 10, 289-294.	0.8	3
160	Evaluation of single and multilocus DNA barcodes towards species delineation in complex tree genus <i>Terminalia</i> . <i>PLoS ONE</i> , 2017, 12, e0182836.	2.5	24
161	Challenges to CV and AV Applications in Truck Freight Operations. , 2017, , .		7
162	Feasibility of nuclear ribosomal region ITS1 over ITS2 in barcoding taxonomically challenging genera of subtribe Cassiinae (Fabaceae). <i>PeerJ</i> , 2016, 4, e2638.	2.0	22

#	ARTICLE	IF	CITATIONS
163	Dynamics of dendrimers with excluded volume: A comparison with experiments and simulations. <i>Journal of Rheology</i> , 2016, 60, 111-120.	2.6	12
164	Higher efficiency of <i>ISSR</i> markers over plastid <i>trnH</i> region in resolving taxonomical status of genus <i>Ocimum</i> L.. <i>Ecology and Evolution</i> , 2016, 6, 7671-7682.	1.9	36
165	Hydroclimatic influence on particle size distribution of suspended sediments evacuated from debris-covered Chorabari Glacier, upper Mandakini catchment, central Himalaya. <i>Geomorphology</i> , 2016, 265, 45-67.	2.6	29
166	Essential Oil Constituents of <i>Alseodaphne semecarpifolia</i> from Central Western Ghats, India. <i>Chemistry of Natural Compounds</i> , 2016, 52, 516-517.	0.8	5
167	Fabrication and characterization of Fe@MoPO nanoparticles: Ion exchange behavior and photocatalytic activity against malachite green. <i>Journal of Molecular Liquids</i> , 2016, 219, 1137-1143.	4.9	90
168	Routing aspects of electric vehicle drivers and their effects on network performance. <i>Transportation Research, Part D: Transport and Environment</i> , 2016, 46, 246-266.	6.8	36
169	Transportation Investment Decision Making for Medium to Large Transportation Networks. <i>Transportation in Developing Economies</i> , 2016, 2, 1.	1.6	6
170	Photocatalytic degradation of highly toxic dyes using chitosan-g-poly(acrylamide)/ZnS in presence of solar irradiation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 329, 61-68.	3.9	196
171	Magnetic Cellulose Nanocrystal Based Anisotropic Polylactic Acid Nanocomposite Films: Influence on Electrical, Magnetic, Thermal, and Mechanical Properties. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 18393-18409.	8.0	93
172	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. <i>RSC Advances</i> , 2016, 6, 13251-13263.	3.6	115
173	Investigation of structural and magnetic properties of thermal plasma-synthesized Fe _{1-x} Ni alloy nanoparticles. <i>Journal of Alloys and Compounds</i> , 2016, 663, 30-40.	5.5	28
174	Two analytical methods for time-fractional nonlinear coupled Boussinesq-Burger's equations arise in propagation of shallow water waves. <i>Nonlinear Dynamics</i> , 2016, 85, 699-715.	5.2	164
175	Integrated bioprocess for conversion of gaseous substrates to liquids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3773-3778.	7.1	156
176	The development of antibacterial and hydrophobic functionalities in natural fibers for fiber-reinforced composite materials. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 1743-1752.	6.7	25
177	Surface functionalization of lignin constituent of coconut fibers via laccase-catalyzed biografting for development of antibacterial and hydrophobic properties. <i>Journal of Cleaner Production</i> , 2016, 113, 176-182.	9.3	25
178	Essential oil composition of four <i>Ocimum</i> spp. from the Peninsular India. <i>Journal of Essential Oil Research</i> , 2016, 28, 35-41.	2.7	23
179	DNA barcoding: an efficient tool to overcome authentication challenges in the herbal market. <i>Plant Biotechnology Journal</i> , 2016, 14, 8-21.	8.3	255
180	A multifunctional nanocomposite pectin thorium(IV) tungstomolybdate for heavy metal separation and photoremediation of malachite green. <i>Desalination and Water Treatment</i> , 2016, 57, 19443-19455.	1.0	42

#	ARTICLE	IF	CITATIONS
181	Polyacrylamide@Zr(IV) vanadophosphate nanocomposite: Ion exchange properties, antibacterial activity, and photocatalytic behavior. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 33, 201-208.	5.8	102
182	Surface functionalization of coconut fibers by enzymatic biografting of syringaldehyde for the development of biocomposites. <i>RSC Advances</i> , 2015, 5, 76844-76851.	3.6	35
183	Estimation of snow/glacier melt contribution in the upper part of the Beas River basin, Himachal Pradesh, using conventional and SNOWMOD modeling approach. <i>Journal of Water and Climate Change</i> , 2015, 6, 880-890.	2.9	10
184	Effect of excluded volume on the rheology and transport dynamics of randomly hyperbranched polymers. <i>Journal of Chemical Physics</i> , 2015, 142, 174906.	3.0	7
185	Population Dynamics and Conservation Implications of <i>Decalepis arayalpathra</i> (J. Joseph and V.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 <i>Biotechnology</i> , 2015, 176, 1413-1430.	2.9	18
186	SPION/ β -cyclodextrin core-shell nanostructures for oil spill remediation and organic pollutant removal from waste water. <i>Chemical Engineering Journal</i> , 2015, 280, 175-187.	12.7	137
187	A fractional model to describe the Brownian motion of particles and its analytical solution. <i>Advances in Mechanical Engineering</i> , 2015, 7, 168781401561887.	1.6	25
188	A day-to-day dynamical model for the evolution of path flows under disequilibrium of traffic networks with fixed demand. <i>Transportation Research Part B: Methodological</i> , 2015, 80, 235-256.	5.9	24
189	Biodegradable and conducting hydrogels based on Guar gum polysaccharide for antibacterial and dye removal applications. <i>Journal of Environmental Management</i> , 2015, 162, 37-45.	7.8	117
190	Combined sorptional photocatalytic remediation of dyes by polyaniline Zr(IV) selenitungstophosphate nanocomposite. <i>Toxicological and Environmental Chemistry</i> , 2015, 97, 526-537.	1.2	62
191	Entropy weighted average method for the determination of a single representative path flow solution for the static user equilibrium traffic assignment problem. <i>Transportation Research Part B: Methodological</i> , 2015, 71, 213-229.	5.9	20
192	Emergence of sulfadoxine-pyrimethamine resistance in Indian isolates of <i>Plasmodium falciparum</i> in the last two decades. <i>Infection, Genetics and Evolution</i> , 2015, 36, 190-198.	2.3	11
193	Guaran-based biodegradable and conducting interpenetrating polymer network composite hydrogels for adsorptive removal of methylene blue dye. <i>Polymer Degradation and Stability</i> , 2015, 122, 52-65.	5.8	34
194	Lanthanum/Cadmium/Polyaniline bimetallic nanocomposite for the photodegradation of organic pollutant. <i>Iranian Polymer Journal (English Edition)</i> , 2015, 24, 1003-1013.	2.4	70
195	Molecular profiling of fungal assemblages in the healthy and infected roots of <i>Decalepis arayalpathra</i> (J. Joseph & V. Chandras) Venter, an endemic and endangered ethnomedicinal plant from Western Ghats, India. <i>Annals of Microbiology</i> , 2015, 65, 785-797.	2.6	6
196	Intramolecular relaxation of flexible dendrimers with excluded volume. <i>Journal of Chemical Physics</i> , 2014, 141, 034902.	3.0	12
197	Strategies to Enhance the Performance of Path-Based Static Traffic Assignment Algorithms. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2014, 29, 330-341.	9.8	6
198	Zero valent iron-brick grain nanocomposite for enhanced solar-Fenton removal of malachite green. <i>Separation and Purification Technology</i> , 2014, 133, 429-437.	7.9	70

#	ARTICLE	IF	CITATIONS
199	Synthesis and characterization of a new nanocomposite cation exchanger polyacrylamide Ce(IV) silicophosphate: Photocatalytic and antimicrobial applications. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 3596-3603.	5.8	63
200	Solar-Fenton removal of malachite green with novel FeO-activated carbon nanocomposite. <i>Applied Catalysis A: General</i> , 2014, 476, 9-18.	4.3	81
201	Efficiency of ISSR and RAPD markers in genetic divergence analysis and conservation management of <i>Justicia adhatoda</i> L., a medicinal plant. <i>Plant Systematics and Evolution</i> , 2014, 300, 1409-1420.	0.9	76
202	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. <i>Applied Catalysis B: Environmental</i> , 2014, 147, 340-352.	20.2	135
203	Solar photocatalytic activity of nano-ZnO supported on activated carbon or brick grain particles: Role of adsorption in dye degradation. <i>Applied Catalysis A: General</i> , 2014, 486, 159-169.	4.3	164
204	Polyacrylamide/Ni _{0.02} Zn _{0.98} O Nanocomposite with High Solar Light Photocatalytic Activity and Efficient Adsorption Capacity for Toxic Dye Removal. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 15549-15560.	3.7	113
205	Magnetic polymer nanocomposites for environmental and biomedical applications. <i>Colloid and Polymer Science</i> , 2014, 292, 2025-2052.	2.1	228
206	Analysis of Climate and Melt-runoff in Dunagiri Glacier of Garhwal Himalaya (India). <i>Water Resources Management</i> , 2014, 28, 3035-3055.	3.9	24
207	Climatic control on extreme sediment transfer from Dokriani Glacier during monsoon, Garhwal Himalaya (India). <i>Journal of Earth System Science</i> , 2014, 123, 109-120.	1.3	42
208	Chemical composition of root aroma of <i>Decalepis arayalpathra</i> (J. Joseph and V.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 <i>Natural Product Research</i> , 2014, 28, 1202-1205.	1.8	17
209	Fabrication of nanocomposite polyaniline zirconium(IV) silicophosphate for photocatalytic and antimicrobial activity. <i>Journal of Alloys and Compounds</i> , 2014, 588, 668-675.	5.5	62
210	Laccase-assisted surface functionalization of lignocellulosics. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 102, 48-58.	1.8	43
211	Adsorptional removal of methylene blue by guar gum-cerium (IV) tungstate hybrid cationic exchanger. <i>Carbohydrate Polymers</i> , 2014, 101, 684-691.	10.2	64
212	Characterization of suspended sediment in Meltwater from Glaciers of Garhwal Himalaya. <i>Hydrological Processes</i> , 2014, 28, 969-979.	2.6	37
213	SLOPE-BASED PATH SHIFT PROPENSITY ALGORITHM FOR THE STATIC TRAFFIC ASSIGNMENT PROBLEM. <i>International Journal for Traffic and Transport Engineering</i> , 2014, 4, 297-319.	0.4	11
214	A novel nanocomposite of polyaniline and Fe _{0.01} Ni _{0.01} Zn _{0.98} O: Photocatalytic, electrical and antibacterial properties. <i>Journal of Alloys and Compounds</i> , 2013, 578, 249-256.	5.5	56
215	Skeletal Calsequestrin - Calcium Interaction: Role of Acidic C-Terminus. <i>Biophysical Journal</i> , 2013, 104, 173a.	0.5	1
216	Orientational relaxation in semiflexible dendrimers. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 20294.	2.8	17

#	ARTICLE	IF	CITATIONS
217	Semiflexibility induced range of conformations in dendrimers. <i>Soft Matter</i> , 2013, 9, 2375.	2.7	9
218	Synthesis and characterization of novel Fe@ZnO nanosystem. <i>Journal of Alloys and Compounds</i> , 2013, 578, 235-241.	5.5	52
219	Glacier changes in Upper Tons River basin, Garhwal Himalaya, Uttarakhand, India. <i>Zeitschrift für Geomorphologie</i> , 2013, 57, 225-244.	0.8	17
220	Conformation and intramolecular relaxation dynamics of semiflexible randomly hyperbranched polymers. <i>Journal of Chemical Physics</i> , 2013, 138, 104902.	3.0	11
221	Preparation of BSA-ZnWO ₄ Nanocomposites with Enhanced Adsorptional Photocatalytic Activity for Methylene Blue Degradation. <i>International Journal of Photoenergy</i> , 2013, 2013, 1-7.	2.5	58
222	Surface Functionalization of Sisal Fibers Using Peroxide Treatment Followed by Grafting of Poly(ethyl acrylate) and Copolymers. <i>International Journal of Polymer Analysis and Characterization</i> , 2013, 18, 596-607.	1.9	9
223	Peroxide Treatment of Soy Protein Fibers Followed by Grafting of Poly(methyl acrylate) and Copolymers. <i>Journal of Renewable Materials</i> , 2013, 1, 302-310.	2.2	1
224	Update Strategies for Restricted Master Problems for User Equilibrium Traffic Assignment Problem. <i>Transportation Research Record</i> , 2012, 2283, 131-142.	1.9	10
225	Conformational transitions in semiflexible dendrimers induced by bond orientations. <i>Journal of Chemical Physics</i> , 2012, 137, 124903.	3.0	27
226	Intramolecular relaxation dynamics in semiflexible dendrimers. <i>Journal of Chemical Physics</i> , 2011, 134, 214901.	3.0	34
227	Geocryology. <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 324-325.	0.1	0
228	Meltwater storage and delaying characteristics of Gangotri Glacier (Indian Himalayas) during ablation season. <i>Hydrological Processes</i> , 2011, 25, 159-166.	2.6	38
229	Stage-Discharge Relationship. <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 1079-1081.	0.1	7
230	Suspended Sediment Load. <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 1132-1132.	0.1	1
231	U-Shape Valley. <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 1217-1218.	0.1	0
232	Terraces. <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 1155-1155.	0.1	0
233	Gravel Sheet. <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 477-477.	0.1	0
234	Marginal Channel (Lateral Meltwater Channel). <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 724-724.	0.1	0

#	ARTICLE	IF	CITATIONS
235	Terminus. Encyclopedia of Earth Sciences Series, 2011, , 1154-1155.	0.1	0
236	Snowboard. Encyclopedia of Earth Sciences Series, 2011, , 1071-1071.	0.1	0
237	Glacioisostasy. Encyclopedia of Earth Sciences Series, 2011, , 439-440.	0.1	0
238	Seasonal Snow Cover. Encyclopedia of Earth Sciences Series, 2011, , 974-975.	0.1	0
239	Slope-Based Multipath Flow Update Algorithm for Static User Equilibrium Traffic Assignment Problem. Transportation Research Record, 2010, 2196, 1-10.	1.9	9
240	Investigating reaction pathways in rare events simulations of antibiotics diffusion through protein channels. Journal of Molecular Modeling, 2010, 16, 1701-1708.	1.8	12
241	Molecular Simulations Reveal the Mechanism and the Determinants for Ampicillin Translocation through OmpF. Journal of Physical Chemistry B, 2010, 114, 9608-9616.	2.6	54
242	Molecular Basis of Enrofloxacin Translocation through OmpF, an Outer Membrane Channel of Escherichia coli - When Binding Does Not Imply Translocation. Journal of Physical Chemistry B, 2010, 114, 5170-5179.	2.6	88
243	Dynamics of Semiflexible Dendrimers in Dilute Solutions. Macromolecules, 2010, 43, 7378-7385.	4.8	32
244	Particle size characteristics of suspended sediment transported in meltwater from the Gangotri Glacier, central Himalaya – An indicator of subglacial sediment evacuation. Geomorphology, 2010, 122, 140-152.	2.6	52
245	Molar volume, viscosity and conductance studies of some alkali metal chlorides in aqueous ascorbic acid. Journal of Molecular Liquids, 2009, 150, 39-42.	4.9	30
246	Exclusion of Organic Dye Using Neoteric Activated Carbon Prepared from <i>Cornulaca</i> & <i>monacantha</i> Stem: Equilibrium and Thermodynamics Studies. Materials Science Forum, 0, 875, 1-15.	0.3	18
247	Comparative study on seasonal variation in hydro-chemical parameters of Ganga River water using comprehensive pollution index (CPI) at Rishikesh, (Uttarakhand) India. , 0, 118, 87-95.		32