

Pardeep K Singh

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

107
papers

1,447
citations

21
h-index

35
g-index

118
ext. papers

1,949
ext. citations

4.9
avg, IF

5.39
L-index

#	Paper	IF	Citations
107	A review of textile industry: Wet processing, environmental impacts, and effluent treatment methods. <i>Environmental Quality Management</i> , 2018 , 27, 31-41	0.8	116
106	Adsorptional photocatalytic mineralization of oxytetracycline and ampicillin antibiotics using Bi ₂ O ₃ /BiOCl supported on graphene sand composite and chitosan. <i>Journal of Colloid and Interface Science</i> , 2016 , 479, 271-283	9.3	100
105	Photocatalytic mineralization and degradation kinetics of ampicillin and oxytetracycline antibiotics using graphene sand composite and chitosan supported BiOCl. <i>Journal of Molecular Catalysis A</i> , 2016 , 423, 400-413		95
104	Multifaceted application of crop residue biochar as a tool for sustainable agriculture: An ecological perspective. <i>Ecological Engineering</i> , 2015 , 77, 324-347	3.9	85
103	A review on biodegradation and photocatalytic degradation of organic pollutants: A bibliometric and comparative analysis. <i>Journal of Cleaner Production</i> , 2018 , 196, 1669-1680	10.3	70
102	Current and emerging trends in bioremediation of petrochemical waste: A review. <i>Critical Reviews in Environmental Science and Technology</i> , 2017 , 47, 155-201	11.1	67
101	Tailoring cadmium sulfide-based photocatalytic nanomaterials for water decontamination: a review. <i>Environmental Chemistry Letters</i> , 2021 , 19, 271-306	13.3	51
100	Geochemical assessment of groundwater quality for its suitability for drinking and irrigation purpose in rural areas of Sant Ravidas Nagar (Bhadohi), Uttar Pradesh 2018 , 2, 127-136		47
99	Application of Cellulases in Biofuels Industries: An Overview 2015 , 1, 55		42
98	Photocatalytic degradation of Acid Red dye stuff in the presence of activated carbon-TiO ₂ composite and its kinetic enumeration. <i>Journal of Water Process Engineering</i> , 2016 , 12, 20-31	6.7	41
97	Nanomaterials for biofuel production using lignocellulosic waste. <i>Environmental Chemistry Letters</i> , 2017 , 15, 179-184	13.3	38
96	Relative availability of inorganic N-pools shifts under land use change: An unexplored variable in soil carbon dynamics. <i>Ecological Indicators</i> , 2016 , 64, 228-236	5.8	38
95	Effect of nanoscale TiO ₂ -activated carbon composite on <i>Solanum lycopersicum</i> (L.) and <i>Vigna radiata</i> (L.) seeds germination. <i>Energy, Ecology and Environment</i> , 2016 , 1, 131-140	3.5	37
94	Environmental and health impacts of contaminants of emerging concerns: Recent treatment challenges and approaches.. <i>Chemosphere</i> , 2021 , 272, 129492	8.4	35
93	Emerging trends in photodegradation of petrochemical wastes: a review. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 22340-22364	5.1	34
92	Biodegradation of thermally treated high-density polyethylene (HDPE) by CH001. <i>3 Biotech</i> , 2017 , 7, 332	2.8	32
91	Assessment of groundwater quality with special emphasis on nitrate contamination in parts of Varanasi City, Uttar Pradesh, India. <i>Applied Water Science</i> , 2018 , 8, 1	5	28

90	Impact of sole and combined application of biochar, organic and chemical fertilizers on wheat crop yield and water productivity in a dry tropical agro-ecosystem. <i>Biochar</i> , 2019 , 1, 229-235	10	25
89	Organic amendment impact on SOC dynamics in dry tropics: A possible role of relative availability of inorganic-N pools. <i>Agriculture, Ecosystems and Environment</i> , 2016 , 235, 38-50	5.7	24
88	Impact of rice-husk ash on the soil biophysical and agronomic parameters of wheat crop under a dry tropical ecosystem. <i>Ecological Indicators</i> , 2019 , 105, 505-515	5.8	22
87	Researches on informal E-waste recycling sector: It's time for a 'Lab to Land' approach. <i>Journal of Hazardous Materials</i> , 2017 , 323, 730-732	12.8	21
86	Photo-catalytic degradation of methyl tertiary butyl ether from wastewater using CuO/CeO ₂ composite nanofiber catalyst. <i>Journal of Environmental Chemical Engineering</i> , 2018 , 6, 2577-2587	6.8	18
85	Comparative study of dye degradation using TiO ₂ -activated carbon nanocomposites as catalysts in photocatalytic, sonocatalytic, and photosonocatalytic reactor. <i>Desalination and Water Treatment</i> , 2016 , 57, 20552-20564		18
84	Water Pollutants: Sources and Impact on the Environment and Human Health. <i>Advanced Functional Materials and Sensors</i> , 2020 , 43-62	1.4	18
83	Soil Carbon Dynamics Under Changing Climate: Research Transition from Absolute to Relative Roles of Inorganic Nitrogen Pools and Associated Microbial Processes: A Review. <i>Pedosphere</i> , 2017 , 27, 792-806	5	17
82	Production and Optimization of Physicochemical Parameters of Cellulase Using Untreated Orange Waste by Newly Isolated <i>Emericella varicolor</i> NS3. <i>Applied Biochemistry and Biotechnology</i> , 2017 , 183, 601-612	3.2	17
81	Composite ceria nanofiber with different copper loading using electrospinning method. <i>Journal of Alloys and Compounds</i> , 2017 , 694, 10-16	5.7	17
80	Bioremediation 2020 , 1-23		17
79	Herbaceous species diversity and soil attributes along a forest-savanna-grassland continuum in a dry tropical region. <i>Ecological Engineering</i> , 2017 , 103, 226-235	3.9	15
78	Exploring temple floral refuse for biochar production as a closed loop perspective for environmental management. <i>Waste Management</i> , 2018 , 77, 78-86	8.6	14
77	A critical review on the research trends and emerging technologies for arsenic decontamination from water. <i>Groundwater for Sustainable Development</i> , 2021 , 14, 100607	6	14
76	Arsenic removal from synthetic waste water by CuO nano-flakes synthesized by aqueous precipitation method ⁶² , 355-359		13
75	Degradations of endocrine-disrupting chemicals and pharmaceutical compounds in wastewater with carbon-based nanomaterials: a critical review. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 30573-30594	5.1	13
74	Sustainable approach of batch and continuous biosorptive systems for praseodymium and thulium ions removal in mono and binary aqueous solutions. <i>Environmental Technology and Innovation</i> , 2021 , 23, 101581	7	12
73	Types of Water Pollutants: Conventional and Emerging. <i>Advanced Functional Materials and Sensors</i> , 2020 , 21-41	1.4	10

72	ZnS-based quantum dots as photocatalysts for water purification. <i>Journal of Water Process Engineering</i> , 2021 , 43, 102217	6.7	10
71	Synthesis and characterization of bio-composite nanofiber for controlled drug release. <i>Journal of Environmental Chemical Engineering</i> , 2017 , 5, 5843-5849	6.8	8
70	An overview on cellulose-supported semiconductor photocatalysts for water purification. <i>Nanotechnology for Environmental Engineering</i> , 2021 , 6, 1	5.1	8
69	An environmental approach for the photodegradation of toxic pollutants from wastewater using silver nanoparticles decorated titania-reduced graphene oxide. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 105622	6.8	8
68	Biological degradation of toluene by indigenous bacteria <i>Acinetobacter junii</i> CH005 isolated from petroleum contaminated sites in India. <i>Energy, Ecology and Environment</i> , 2018 , 3, 162-170	3.5	7
67	India's lost rivers and rivulets. <i>Energy, Ecology and Environment</i> , 2016 , 1, 310-314	3.5	7
66	Human Overpopulation and Food Security 2019 , 439-467		7
65	Role of Traditional Ethnobotanical Knowledge and Indigenous Communities in Achieving Sustainable Development Goals. <i>Sustainability</i> , 2021 , 13, 3062	3.6	7
64	The journey from products to waste: a pilot study on perception and discarding of electronic waste in contemporary urban India. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 24511-24520	5.1	7
63	Assessment of ground and surface water quality along the river Varuna, Varanasi, India. <i>Environmental Monitoring and Assessment</i> , 2015 , 187, 170	3.1	6
62	Nanoparticles for Biofuels Production from Lignocellulosic Waste. <i>Sustainable Agriculture Reviews</i> , 2017 , 263-278	1.3	6
61	Geochemical assessment of groundwater quality in Keonjhar City, Odisha, India. <i>Sustainable Water Resources Management</i> , 2020 , 6, 1	1.9	5
60	Nanofiltration technology for removal of pathogens present in drinking water 2020 , 463-489		5
59	A review on bioactive phytochemicals and ethnopharmacological potential of purslane (L.). <i>Heliyon</i> , 2022 , 8, e08669	3.6	5
58	Cadmium removal by composite copper oxide/ceria adsorbent from synthetic wastewater. <i>Biomass Conversion and Biorefinery</i> , 1	2.3	5
57	Improvement of a Traditional Orphan Food Crop, <i>Portulaca oleracea</i> L. (Purslane) Using Genomics for Sustainable Food Security and Climate-Resilient Agriculture. <i>Frontiers in Sustainable Food Systems</i> , 2021 , 5,	4.8	5
56	Phenolic compounds degradation: Insight into the role and evidence of oxygen vacancy defects engineering on nanomaterials. <i>Science of the Total Environment</i> , 2021 , 800, 149410	10.2	5
55	Urban ecology [Current state of research and concepts 2020 , 3-16		4

54	Nanocatalyst types and their potential impacts in agroecosystems: An overview 2020 , 323-344		4
53	Medicinal Plants Under Climate Change: Impacts on Pharmaceutical Properties of Plants 2019 , 181-209		3
52	Indigenous knowledge systems in sustainable water conservation and management 2020 , 321-328		3
51	Seed priming: state of the art and new perspectives in the era of climate change 2020 , 143-170		3
50	Synthesis and Characterization of Cu/CeO ₂ Composite Nanofibers by Electrospinning Method. <i>Advanced Science Letters</i> , 2014 , 20, 1582-1584	0.1	3
49	Biosorption of Arsenic from Wastewater 2022 , 269-283		3
48	Human Overpopulation and Food Security. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 2017 , 12-39	0.4	3
47	Agriculture in the Era of Climate Change: Consequences and Effects 2019 , 1-23		2
46	Mapping the research activities in environmental health and toxicology: a review of the trends, gaps and opportunities. <i>Energy, Ecology and Environment</i> , 2019 , 4, 133-142	3.5	2
45	Inventorization of E-waste and Its Disposal Practices With Benchmarks for Depollution: The Global Scenario 2019 , 35-52		2
44	Rhizome Endophytes: Roles and Applications in Sustainable Agriculture 2019 , 405-421		2
43	Exploring soil responses to various organic amendments under dry tropical agroecosystems 2020 , 583-611		2
42	Application of nanoparticles for inorganic water purification 2020 , 221-243		2
41	Mapping the emergence of research activities on E-waste: a scientometric analysis and an in-depth review 2020 , 191-206		2
40	Critical assessment and future dimensions for the urban ecological systems 2020 , 479-497		2
39	Impact on Groundwater Quality Resources Due to Industrial Effluent 2021 , 212-231		2
38	Climate change and its impact on natural resources 2021 , 333-346		2
37	Photocatalytic degradation of triclosan in visible-light-induced via CdS@TiO ₂ -rGO nanocomposite. <i>Surface Topography: Metrology and Properties</i> , 2021 , 9, 035032	1.5	2

36	Energy Crisis and Climate Change 2021 , 1-17		2
35	Current Perspective of Sustainable Utilization of Agro Waste and Biotransformation of Energy in Mushroom 2021 , 274-302		2
34	Impact of climate change on wetlands, concerning Son Beel, the largest wetland of North East, India 2021 , 393-414		2
33	Graphitic carbon nitride based immobilized and non-immobilized floating photocatalysts for environmental remediation.. <i>Chemosphere</i> , 2022 , 134229	8.4	2
32	Photocatalytic degradation of petrochemical pollutants 2020 , 127-141		1
31	Sustainability science below and above the ground as per the United Nation's sustainable development goals 2020 , 453-471		1
30	Enhanced H ₂ and Reduced CO Level by Use of Electrospun CuO/CeO ₂ Nanofibers Catalyst for Water Gas Shift Reaction. <i>Advanced Science Letters</i> , 2016 , 22, 967-970	0.1	1
29	Microbial Degradation of Organic Contaminants in Water Bodies 2021 , 172-209		1
28	The Role of Government and the Public in Water Resource Management in India 2021 , 399-415		1
27	A Glance at the World. <i>Waste Management</i> , 2016 , 58, I-III	8.6	1
26	Antibiotics and Antibiotic Resistance Genes in Agroecosystems as Emerging Contaminants. <i>Sustainable Agriculture Reviews</i> , 2021 , 177-210	1.3	1
25	Physical and Biological Processes Controlling Soil C Dynamics. <i>Sustainable Agriculture Reviews</i> , 2018 , 171-202	1.3	1
24	Recent Advances in Alternative Sources of Energy 2021 , 55-71		1
23	Mangrove Forests 2021 , 229-271		1
22	Pathways of Energy Transition and Its Impact on Economic Growth 2021 , 108-130		1
21	Production of Liquid Biofuels from Lignocellulosic Biomass 2021 , 208-230		1
20	Opportunities in the Living Lights 2021 , 191-207		1
19	Understanding consumers' perspectives of electronic waste in an emerging economy: a case study of New Delhi, India.. <i>Energy, Ecology and Environment</i> , 2022 , 1-14	3.5	0

- 18 Recycling of E-Waste **2020**, 527-534 0
- 17 Sustainable Solution for Future Energy Challenges Through Microbes **2021**, 231-249 0
- 16 Urban Ecology and Climate Change **2022**, 1-29 0
- 15 Various Analytical Techniques for Se Determination in Different Matrices **2021**, 91-114
- 14 Recycling Approaches, Policies and Regulations on Electronic Waste With Special Focus on India **2020**, 508-513
- 13 Engineered Nanoparticles in Smart Agricultural Revolution: An Enticing Domain to Move Carefully. *Advances in Science, Technology and Innovation*, **2021**, 3-18 0.3
- 12 Biostimulant applications in crops under abiotic stress conditions **2021**, 253-266
- 11 Indigenous Agricultural Knowledge Towards Achieving Sustainable Agriculture. *Sustainable Agriculture Reviews*, **2021**, 401-413 1.3
- 10 A Regime Complex and Technological Innovation in Energy System **2021**, 182-190
- 9 Advances in Alternative Sources of Energy **2021**, 18-54
- 8 Fungal Microbial Fuel Cells, an Opportunity for Energy Sources **2021**, 250-273
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- 4 Global Wetlands **2021**, 1-16
- 3 Energy and Development in the Twenty-First Century [A Road Towards a Sustainable Future **2021**, 72-90
- 2 Challenges and opportunities at the crossroads of Environmental Sustainability and Economy research **2021**, 345-360
- 1 Improved production of thermo-alkali-tolerant fungal cellulolytic cocktail following Co-fermentation of sugarcane bagasse and secondary sewage sludge. *Biomass Conversion and Biorefinery*, 1 2.3

