

# Pardeep K Singh

## List of Publications by Year in Descending Order

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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 on bioactive phytochemicals and ethnopharmacological potential of purslane ( L.).. <i>Heliyon</i> , <b>2022</b> , 8, e08669	3.6	5
106	Understanding consumers' perspectives of electronic waste in an emerging economy: a case study of New Delhi, India.. <i>Energy, Ecology and Environment</i> , <b>2022</b> , 1-14	3.5	0
105	Biosorption of Arsenic from Wastewater <b>2022</b> , 269-283		3
104	Urban Ecology and Climate Change <b>2022</b> , 1-29		0
103	Graphitic carbon nitride based immobilized and non-immobilized floating photocatalysts for environmental remediation.. <i>Chemosphere</i> , <b>2022</b> , 134229	8.4	2
102	Role of Traditional Ethnobotanical Knowledge and Indigenous Communities in Achieving Sustainable Development Goals. <i>Sustainability</i> , <b>2021</b> , 13, 3062	3.6	7
101	Microbial Degradation of Organic Contaminants in Water Bodies <b>2021</b> , 172-209		1
100	Degradations of endocrine-disrupting chemicals and pharmaceutical compounds in wastewater with carbon-based nanomaterials: a critical review. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 30573-30594	5.1	13
99	The Role of Government and the Public in Water Resource Management in India <b>2021</b> , 399-415		1
98	Various Analytical Techniques for Se Determination in Different Matrices <b>2021</b> , 91-114		
97	Environmental and health impacts of contaminants of emerging concerns: Recent treatment challenges and approaches.. <i>Chemosphere</i> , <b>2021</b> , 272, 129492	8.4	35
96	Impact on Groundwater Quality Resources Due to Industrial Effluent <b>2021</b> , 212-231		2
95	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> , <b>2021</b> , 28, 24511-24520	5.1	7
94	Tailoring cadmium sulfide-based photocatalytic nanomaterials for water decontamination: a review. <i>Environmental Chemistry Letters</i> , <b>2021</b> , 19, 271-306	13.3	51
93	Antibiotics and Antibiotic Resistance Genes in Agroecosystems as Emerging Contaminants. <i>Sustainable Agriculture Reviews</i> , <b>2021</b> , 177-210	1.3	1
92	Climate change and its impact on natural resources <b>2021</b> , 333-346		2
91	Engineered Nanoparticles in Smart Agricultural Revolution: An Enticing Domain to Move Carefully. <i>Advances in Science, Technology and Innovation</i> , <b>2021</b> , 3-18	0.3	

90	Biostimulant applications in crops under abiotic stress conditions <b>2021</b> , 253-266		
89	Indigenous Agricultural Knowledge Towards Achieving Sustainable Agriculture. <i>Sustainable Agriculture Reviews</i> , <b>2021</b> , 401-413	1.3	
88	An overview on cellulose-supported semiconductor photocatalysts for water purification. <i>Nanotechnology for Environmental Engineering</i> , <b>2021</b> , 6, 1	5.1	8
87	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> , <b>2021</b> , 23, 101581	7	12
86	A critical review on the research trends and emerging technologies for arsenic decontamination from water. <i>Groundwater for Sustainable Development</i> , <b>2021</b> , 14, 100607	6	14
85	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> , <b>2021</b> , 9, 105622	6.8	8
84	Photocatalytic degradation of triclosan in visible-light-induced via CdS@TiO <sub>2</sub> -rGO nanocomposite. <i>Surface Topography: Metrology and Properties</i> , <b>2021</b> , 9, 035032	1.5	2
83	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> , <b>2021</b> , 5,	4.8	5
82	Energy Crisis and Climate Change <b>2021</b> , 1-17		2
81	Recent Advances in Alternative Sources of Energy <b>2021</b> , 55-71		1
80	A Regime Complex and Technological Innovation in Energy System <b>2021</b> , 182-190		
79	Advances in Alternative Sources of Energy <b>2021</b> , 18-54		
78	Fungal Microbial Fuel Cells, an Opportunity for Energy Sources <b>2021</b> , 250-273		
77	Mangrove Forests <b>2021</b> , 229-271		1
76	Current Perspective of Sustainable Utilization of Agro Waste and Biotransformation of Energy in Mushroom <b>2021</b> , 274-302		2
75	Pathways of Energy Transition and Its Impact on Economic Growth <b>2021</b> , 108-130		1
74	Production of Liquid Biofuels from Lignocellulosic Biomass <b>2021</b> , 208-230		1
73	Sustainable Solution for Future Energy Challenges Through Microbes <b>2021</b> , 231-249		0

72	Energy Development as a Driver of Economic Growth <b>2021</b> , 91-107		
71	Clean Energy Sources for a Better and Sustainable Environment of Future Generations <b>2021</b> , 151-168		
70	Sustainable Energy Policies of India to Address Air Pollution and Climate Change <b>2021</b> , 169-181		
69	Global Wetlands <b>2021</b> , 1-16		
68	Energy and Development in the Twenty-First Century <b>A Road Towards a Sustainable Future 2021</b> , 72-90		
67	Opportunities in the Living Lights <b>2021</b> , 191-207		1
66	ZnS-based quantum dots as photocatalysts for water purification. <i>Journal of Water Process Engineering</i> , <b>2021</b> , 43, 102217	6.7	10
65	Phenolic compounds degradation: Insight into the role and evidence of oxygen vacancy defects engineering on nanomaterials. <i>Science of the Total Environment</i> , <b>2021</b> , 800, 149410	10.2	5
64	Impact of climate change on wetlands, concerning Son Beel, the largest wetland of North East, India <b>2021</b> , 393-414		2
63	Challenges and opportunities at the crossroads of Environmental Sustainability and Economy research <b>2021</b> , 345-360		
62	Geochemical assessment of groundwater quality in Keonjhar City, Odisha, India. <i>Sustainable Water Resources Management</i> , <b>2020</b> , 6, 1	1.9	5
61	Indigenous knowledge systems in sustainable water conservation and management <b>2020</b> , 321-328		3
60	Exploring soil responses to various organic amendments under dry tropical agroecosystems <b>2020</b> , 583-611		2
59	Photocatalytic degradation of petrochemical pollutants <b>2020</b> , 127-141		1
58	Nanofiltration technology for removal of pathogens present in drinking water <b>2020</b> , 463-489		5
57	Seed priming: state of the art and new perspectives in the era of climate change <b>2020</b> , 143-170		3
56	Sustainability science <b>Below and above the ground as per the United Nation's sustainable development goals 2020</b> , 453-471		1
55	Application of nanoparticles for inorganic water purification <b>2020</b> , 221-243		2

54	Types of Water Pollutants: Conventional and Emerging. <i>Advanced Functional Materials and Sensors</i> , <b>2020</b> , 21-41	1.4	10
53	Water Pollutants: Sources and Impact on the Environment and Human Health. <i>Advanced Functional Materials and Sensors</i> , <b>2020</b> , 43-62	1.4	18
52	Mapping the emergence of research activities on E-waste: a scientometric analysis and an in-depth review <b>2020</b> , 191-206		2
51	Urban ecology [Current state of research and concepts <b>2020</b> , 3-16		4
50	Critical assessment and future dimensions for the urban ecological systems <b>2020</b> , 479-497		2
49	Recycling Approaches, Policies and Regulations on Electronic Waste With Special Focus on India <b>2020</b> , 508-513		
48	Recycling of E-Waste <b>2020</b> , 527-534		0
47	Bioremediation <b>2020</b> , 1-23		17
46	Nanocatalyst types and their potential impacts in agroecosystems: An overview <b>2020</b> , 323-344		4
45	Agriculture in the Era of Climate Change: Consequences and Effects <b>2019</b> , 1-23		2
44	Medicinal Plants Under Climate Change: Impacts on Pharmaceutical Properties of Plants <b>2019</b> , 181-209		3
43	Mapping the research activities in environmental health and toxicology: a review of the trends, gaps and opportunities. <i>Energy, Ecology and Environment</i> , <b>2019</b> , 4, 133-142	3.5	2
42	Inventorization of E-waste and Its Disposal Practices With Benchmarks for Depollution: The Global Scenario <b>2019</b> , 35-52		2
41	Rhizome Endophytes: Roles and Applications in Sustainable Agriculture <b>2019</b> , 405-421		2
40	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> , <b>2019</b> , 1, 229-235	10	25
39	Human Overpopulation and Food Security <b>2019</b> , 439-467		7
38	Impact of rice-husk ash on the soil biophysical and agronomic parameters of wheat crop under a dry tropical ecosystem. <i>Ecological Indicators</i> , <b>2019</b> , 105, 505-515	5.8	22
37	Photo-catalytic degradation of methyl tertiary butyl ether from wastewater using CuO/CeO <sub>2</sub> composite nanofiber catalyst. <i>Journal of Environmental Chemical Engineering</i> , <b>2018</b> , 6, 2577-2587	6.8	18

36	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> , <b>2018</b> , 3, 162-170	3.5	7
35	Assessment of groundwater quality with special emphasis on nitrate contamination in parts of Varanasi City, Uttar Pradesh, India. <i>Applied Water Science</i> , <b>2018</b> , 8, 1	5	28
34	Exploring temple floral refuse for biochar production as a closed loop perspective for environmental management. <i>Waste Management</i> , <b>2018</b> , 77, 78-86	8.6	14
33	Geochemical assessment of groundwater quality for its suitability for drinking and irrigation purpose in rural areas of Sant Ravidas Nagar (Bhadohi), Uttar Pradesh <b>2018</b> , 2, 127-136		47
32	A review of textile industry: Wet processing, environmental impacts, and effluent treatment methods. <i>Environmental Quality Management</i> , <b>2018</b> , 27, 31-41	0.8	116
31	Physical and Biological Processes Controlling Soil C Dynamics. <i>Sustainable Agriculture Reviews</i> , <b>2018</b> , 171-202	1.3	1
30	A review on biodegradation and photocatalytic degradation of organic pollutants: A bibliometric and comparative analysis. <i>Journal of Cleaner Production</i> , <b>2018</b> , 196, 1669-1680	10.3	70
29	Researches on informal E-waste recycling sector: It's time for a 'Lab to Land' approach. <i>Journal of Hazardous Materials</i> , <b>2017</b> , 323, 730-732	12.8	21
28	Herbaceous species diversity and soil attributes along a forest-savanna-grassland continuum in a dry tropical region. <i>Ecological Engineering</i> , <b>2017</b> , 103, 226-235	3.9	15
27	Current and emerging trends in bioremediation of petrochemical waste: A review. <i>Critical Reviews in Environmental Science and Technology</i> , <b>2017</b> , 47, 155-201	11.1	67
26	Nanomaterials for biofuel production using lignocellulosic waste. <i>Environmental Chemistry Letters</i> , <b>2017</b> , 15, 179-184	13.3	38
25	Soil Carbon Dynamics Under Changing Climate: A Research Transition from Absolute to Relative Roles of Inorganic Nitrogen Pools and Associated Microbial Processes: A Review. <i>Pedosphere</i> , <b>2017</b> , 27, 792-806	5	17
24	Biodegradation of thermally treated high-density polyethylene (HDPE) by CH001. <i>3 Biotech</i> , <b>2017</b> , 7, 332	2.8	32
23	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> , <b>2017</b> , 183, 601-612	3.2	17
22	Synthesis and characterization of bio-composite nanofiber for controlled drug release. <i>Journal of Environmental Chemical Engineering</i> , <b>2017</b> , 5, 5843-5849	6.8	8
21	Composite ceria nanofiber with different copper loading using electrospinning method. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 694, 10-16	5.7	17
20	Human Overpopulation and Food Security. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , <b>2017</b> , 12-39	0.4	3
19	Nanoparticles for Biofuels Production from Lignocellulosic Waste. <i>Sustainable Agriculture Reviews</i> , <b>2017</b> , 263-278	1.3	6

18	Emerging trends in photodegradation of petrochemical wastes: a review. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 22340-22364	5.1	34
17	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> , <b>2016</b> , 235, 38-50	5.7	24
16	India's lost rivers and rivulets. <i>Energy, Ecology and Environment</i> , <b>2016</b> , 1, 310-314	3.5	7
15	Photocatalytic degradation of Acid Red dye stuff in the presence of activated carbon-TiO <sub>2</sub> composite and its kinetic enumeration. <i>Journal of Water Process Engineering</i> , <b>2016</b> , 12, 20-31	6.7	41
14	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. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 479, 271-283	9.3	100
13	Relative availability of inorganic N-pools shifts under land use change: An unexplored variable in soil carbon dynamics. <i>Ecological Indicators</i> , <b>2016</b> , 64, 228-236	5.8	38
12	Effect of nanoscale TiO <sub>2</sub> -activated carbon composite on <i>Solanum lycopersicum</i> (L.) and <i>Vigna radiata</i> (L.) seeds germination. <i>Energy, Ecology and Environment</i> , <b>2016</b> , 1, 131-140	3.5	37
11	Comparative study of dye degradation using TiO <sub>2</sub> -activated carbon nanocomposites as catalysts in photocatalytic, sonocatalytic, and photosonocatalytic reactor. <i>Desalination and Water Treatment</i> , <b>2016</b> , 57, 20552-20564		18
10	Enhanced H <sub>2</sub> and Reduced CO Level by Use of Electrospun CuO/CeO <sub>2</sub> Nanofibers Catalyst for Water Gas Shift Reaction. <i>Advanced Science Letters</i> , <b>2016</b> , 22, 967-970	0.1	1
9	A Glance at the World. <i>Waste Management</i> , <b>2016</b> , 58, I-III	8.6	1
8	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> , <b>2016</b> , 423, 400-413		95
7	Assessment of ground and surface water quality along the river Varuna, Varanasi, India. <i>Environmental Monitoring and Assessment</i> , <b>2015</b> , 187, 170	3.1	6
6	Multifaceted application of crop residue biochar as a tool for sustainable agriculture: An ecological perspective. <i>Ecological Engineering</i> , <b>2015</b> , 77, 324-347	3.9	85
5	Application of Cellulases in Biofuels Industries: An Overview <b>2015</b> , 1, 55		42
4	Synthesis and Characterization of Cu/CeO <sub>2</sub> Composite Nanofibers by Electrospinning Method. <i>Advanced Science Letters</i> , <b>2014</b> , 20, 1582-1584	0.1	3
3	Arsenic removal from synthetic waste water by CuO nano-flakes synthesized by aqueous precipitation method <sup>62</sup> , 355-359		13
2	Cadmium removal by composite copper oxide/ceria adsorbent from synthetic wastewater. <i>Biomass Conversion and Biorefinery</i> , <sup>1</sup>	2.3	5
1	Improved production of thermo-alkali-tolerant fungal cellulolytic cocktail following Co-fermentation of sugarcane bagasse and secondary sewage sludge. <i>Biomass Conversion and Biorefinery</i> , <sup>1</sup>	2.3	

