

# Arun Lal Srivastav

## List of Publications by Citations

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**Version:** 2024-04-19

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37  
papers

669  
citations

14  
h-index

25  
g-index

47  
ext. papers

1,093  
ext. citations

4.6  
avg, IF

5.22  
L-index

#	Paper	IF	Citations
37	An extensive review on the consequences of chemical pesticides on human health and environment. <i>Journal of Cleaner Production</i> , <b>2021</b> , 283, 124657	10.3	118
36	Application of a new adsorbent for fluoride removal from aqueous solutions. <i>Journal of Hazardous Materials</i> , <b>2013</b> , 263 Pt 2, 342-52	12.8	82
35	A Review on Heavy Metal Concentration in Potable Water Sources in Nigeria: Human Health Effects and Mitigating Measures. <i>Exposure and Health</i> , <b>2016</b> , 8, 285-304	8.8	78
34	Kinetic and equilibrium modeling for removal of nitrate from aqueous solutions and drinking water by a potential adsorbent, hydrous bismuth oxide. <i>RSC Advances</i> , <b>2015</b> , 5, 35365-35376	3.7	44
33	Hyperspectral sensing for turbid water quality monitoring in freshwater rivers: Empirical relationship between reflectance and turbidity and total solids. <i>Sensors</i> , <b>2014</b> , 14, 22670-88	3.8	41
32	Disinfection by-products in drinking water: Occurrence, toxicity and abatement. <i>Environmental Pollution</i> , <b>2020</b> , 267, 115474	9.3	40
31	Phytoremediation of toxic metals present in soil and water environment: a critical review. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 44835-44860	5.1	33
30	Climate-resilient strategies for sustainable management of water resources and agriculture. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 41576-41595	5.1	30
29	Chemical fertilizers and pesticides: role in groundwater contamination <b>2020</b> , 143-159		28
28	A critical review on recent developments in MOF adsorbents for the elimination of toxic heavy metals from aqueous solutions. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 44771-44796	5.1	24
27	Facile Synthesis and Characterization of N-Doped TiO <sub>2</sub> Photocatalyst and Its Visible-Light Activity for Photo-Oxidation of Ethylene. <i>Journal of Nanomaterials</i> , <b>2015</b> , 2015, 1-10	3.2	20
26	An overview of silver nano-particles as promising materials for water disinfection. <i>Environmental Technology and Innovation</i> , <b>2021</b> , 23, 101721	7	20
25	Effect of oxygen, moisture, and temperature on the photo oxidation of ethylene on N-doped TiO <sub>2</sub> catalyst. <i>Separation and Purification Technology</i> , <b>2014</b> , 134, 117-125	8.3	14
24	A review of bismuth-based sorptive materials for the removal of major contaminants from drinking water. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 17492-17504	5.1	14
23	Novel Adsorbent Hydrous Bismuth Oxide for the Removal of Nitrate from Aqueous Solutions. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , <b>2015</b> , 19, 04014028	2.3	12
22	Synthesis of a novel adsorbent, hydrous bismuth oxide (HBO <sub>2</sub> ) for the removal of fluoride from aqueous solutions. <i>Desalination and Water Treatment</i> , <b>2015</b> , 55, 604-614		9
21	Preparation and properties of hydrous bismuth oxides for nitrate removal from aqueous solutions. <i>Desalination and Water Treatment</i> , <b>2012</b> , 40, 144-152		9

20	Scientific research production of India and China in environmental chemistry: a bibliometric assessment. <i>International Journal of Environmental Science and Technology</i> , <b>2019</b> , 16, 4989-4996	3.3	8
19	An endeavor to achieve sustainable development goals through floral waste management: A short review. <i>Journal of Cleaner Production</i> , <b>2021</b> , 283, 124669	10.3	8
18	Biodegradation of 4-chlorophenol in batch and continuous packed bed reactor by isolated <i>Bacillus subtilis</i> . <i>Journal of Environmental Management</i> , <b>2022</b> , 301, 113851	7.9	8
17	Removal of Disperse Orange and Disperse Blue dyes present in textile mill effluent using zeolite synthesized from cenospheres. <i>Water Science and Technology</i> , <b>2021</b> , 84, 445-457	2.2	5
16	Bioremediation: An effective approach of mercury removal from the aqueous solutions. <i>Chemosphere</i> , <b>2021</b> , 280, 130654	8.4	5
15	Factors affecting the formation of disinfection by-products in drinking water: human health risk <b>2020</b> , 433-450		4
14	Biochar Adsorbents for Arsenic Removal from Water Environment: A Review. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2021</b> , 1	2.7	4
13	Inorganic water pollutants <b>2020</b> , 1-15		2
12	Developing a new approach for design support of subsurface constructed wetland using machine learning algorithms. <i>Journal of Environmental Management</i> , <b>2022</b> , 301, 113868	7.9	2
11	Factors influencing the alteration of microbial and heavy metal characteristics of river systems in the Niger Delta region of Nigeria <b>2022</b> , 51-78		1
10	Potential of Biochar as Cost Effective Adsorbent in Removal of Heavy Metals Ions From Aqueous Phase: A Mini Review. <i>Journal of Chemistry Environmental Sciences and Its Applications</i> , <b>2019</b> , 5, 29-34	0.5	1
9	Nitrate Pollution in Groundwater and Their Possible Remediation Through Adsorption <b>2021</b> , 105-119		1
8	Adsorptive Properties of Cation Added Hydrous Bismuth Oxide on Nitrate Sorption. <i>Journal of Water Chemistry and Technology</i> , <b>2019</b> , 41, 283-291	0.4	1
7	An overview for biomedical waste management during pandemic like COVID-19. <i>International Journal of Environmental Science and Technology</i> ,	3.3	1
6	Advances of waste management practices in India and China along with bibliometric assessment of their research outcomes. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 66485-66495	5.1	0
5	Chemical water contaminants: potential risk to human health and possible remediation <b>2021</b> , 157-172		0
4	Application of Microbes in Bioremediation of Pesticides. <i>Environmental and Microbial Biotechnology</i> , <b>2022</b> , 555-571	1.4	
3	Eco-management of Wastewater by ZESTP. <i>Journal of Chemistry Environmental Sciences and Its Applications</i> , <b>2018</b> , 4, 51-57	0.5	

2 Biosurfactants as useful tools in bioremediation of contaminated soil and aquatic areas **2021**, 377-394

1 Research Progress of India in Waste Management at Global Level: A Bibliometric Evaluation **2022**, 595-601