

Arun Lal Srivastav

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.

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	Factors influencing the alteration of microbial and heavy metal characteristics of river systems in the Niger Delta region of Nigeria 2022 , 51-78		1
36	Application of Microbes in Bioremediation of Pesticides. <i>Environmental and Microbial Biotechnology</i> , 2022 , 555-571	1.4	
35	Developing a new approach for design support of subsurface constructed wetland using machine learning algorithms. <i>Journal of Environmental Management</i> , 2022 , 301, 113868	7.9	2
34	Biodegradation of 4-chlorophenol in batch and continuous packed bed reactor by isolated <i>Bacillus subtilis</i> . <i>Journal of Environmental Management</i> , 2022 , 301, 113851	7.9	8
33	Research Progress of India in Waste Management at Global Level: A Bibliometric Evaluation 2022 , 595-601		
32	Advances of waste management practices in India and China along with bibliometric assessment of their research outcomes. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 66485-66495	5.1	0
31	Nitrate Pollution in Groundwater and Their Possible Remediation Through Adsorption 2021 , 105-119		1
30	Climate-resilient strategies for sustainable management of water resources and agriculture. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 41576-41595	5.1	30
29	Removal of Disperse Orange and Disperse Blue dyes present in textile mill effluent using zeolite synthesized from cenospheres. <i>Water Science and Technology</i> , 2021 , 84, 445-457	2.2	5
28	An extensive review on the consequences of chemical pesticides on human health and environment. <i>Journal of Cleaner Production</i> , 2021 , 283, 124657	10.3	118
27	An endeavor to achieve sustainable development goals through floral waste management: A short review. <i>Journal of Cleaner Production</i> , 2021 , 283, 124669	10.3	8
26	Biosurfactants as useful tools in bioremediation of contaminated soil and aquatic areas 2021 , 377-394		
25	An overview of silver nano-particles as promising materials for water disinfection. <i>Environmental Technology and Innovation</i> , 2021 , 23, 101721	7	20
24	Biochar Adsorbents for Arsenic Removal from Water Environment: A Review. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021 , 1	2.7	4
23	Bioremediation: An effective approach of mercury removal from the aqueous solutions. <i>Chemosphere</i> , 2021 , 280, 130654	8.4	5
22	Chemical water contaminants: potential risk to human health and possible remediation 2021 , 157-172		0
21	Chemical fertilizers and pesticides: role in groundwater contamination 2020 , 143-159		28

20	Factors affecting the formation of disinfection by-products in drinking water: human health risk 2020 , 433-450		4
19	Inorganic water pollutants 2020 , 1-15		2
18	Disinfection by-products in drinking water: Occurrence, toxicity and abatement. <i>Environmental Pollution</i> , 2020 , 267, 115474	9.3	40
17	Phytoremediation of toxic metals present in soil and water environment: a critical review. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 44835-44860	5.1	33
16	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> , 2020 , 27, 44771-44796	5.1	24
15	A review of bismuth-based sorptive materials for the removal of major contaminants from drinking water. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 17492-17504	5.1	14
14	Scientific research production of India and China in environmental chemistry: a bibliometric assessment. <i>International Journal of Environmental Science and Technology</i> , 2019 , 16, 4989-4996	3.3	8
13	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> , 2019 , 5, 29-34	0.5	1
12	Adsorptive Properties of Cation Added Hydrous Bismuth Oxide on Nitrate Sorption. <i>Journal of Water Chemistry and Technology</i> , 2019 , 41, 283-291	0.4	1
11	Eco-management of Wastewater by ZESTP. <i>Journal of Chemistry Environmental Sciences and Its Applications</i> , 2018 , 4, 51-57	0.5	
10	A Review on Heavy Metal Concentration in Potable Water Sources in Nigeria: Human Health Effects and Mitigating Measures. <i>Exposure and Health</i> , 2016 , 8, 285-304	8.8	78
9	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> , 2015 , 5, 35365-35376	3.7	44
8	Synthesis of a novel adsorbent, hydrous bismuth oxide (HBO ₂) for the removal of fluoride from aqueous solutions. <i>Desalination and Water Treatment</i> , 2015 , 55, 604-614		9
7	Novel Adsorbent Hydrous Bismuth Oxide for the Removal of Nitrate from Aqueous Solutions. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2015 , 19, 04014028	2.3	12
6	Facile Synthesis and Characterization of N-Doped TiO ₂ Photocatalyst and Its Visible-Light Activity for Photo-Oxidation of Ethylene. <i>Journal of Nanomaterials</i> , 2015 , 2015, 1-10	3.2	20
5	Effect of oxygen, moisture, and temperature on the photo oxidation of ethylene on N-doped TiO ₂ catalyst. <i>Separation and Purification Technology</i> , 2014 , 134, 117-125	8.3	14
4	Hyperspectral sensing for turbid water quality monitoring in freshwater rivers: Empirical relationship between reflectance and turbidity and total solids. <i>Sensors</i> , 2014 , 14, 22670-88	3.8	41
3	Application of a new adsorbent for fluoride removal from aqueous solutions. <i>Journal of Hazardous Materials</i> , 2013 , 263 Pt 2, 342-52	12.8	82

- 2 Preparation and properties of hydrous bismuth oxides for nitrate removal from aqueous solutions. *Desalination and Water Treatment*, **2012**, 40, 144-152 9
- 1 An overview for biomedical waste management during pandemic like COVID-19. *International Journal of Environmental Science and Technology*, 3-3 1