

# Arun Lal Srivastav

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

1,745  
citations

471061

17  
h-index

377514

34  
g-index

47  
all docs

47  
docs citations

47  
times ranked

1436  
citing authors

#	ARTICLE	IF	CITATIONS
1	An overview for biomedical waste management during pandemic like COVID-19. International Journal of Environmental Science and Technology, 2023, 20, 8025-8040.	1.8	7
2	Biochar Adsorbents for Arsenic Removal from Water Environment: A Review. Bulletin of Environmental Contamination and Toxicology, 2022, 108, 616-628.	1.3	35
3	Biodegradation of 4-chlorophenol in batch and continuous packed bed reactor by isolated Bacillus subtilis. Journal of Environmental Management, 2022, 301, 113851.	3.8	28
4	Challenges of waste management in Delhi (India) and its scope of improvement to achieve cities sustainability in developing nations: A review. Cities, 2022, 121, 103480.	2.7	2
5	Developing a new approach for design support of subsurface constructed wetland using machine learning algorithms. Journal of Environmental Management, 2022, 301, 113868.	3.8	17
6	Factors influencing the alteration of microbial and heavy metal characteristics of river systems in the Niger Delta region of Nigeria. , 2022, , 51-78.		12
7	Water quality assessment using synchrotron-based TXRF. Water Environment Research, 2022, 94, .	1.3	3
8	Impact of climate change on water resources, challenges and mitigation strategies to achieve sustainable development goals. Arabian Journal of Geosciences, 2022, 15, .	0.6	10
9	Recent advances in nanomaterial developments for efficient removal of Hg(II) from water. Environmental Science and Pollution Research, 2022, 29, 62851-62869.	2.7	3
10	An extensive review on the consequences of chemical pesticides on human health and environment. Journal of Cleaner Production, 2021, 283, 124657.	4.6	523
11	An endeavor to achieve sustainable development goals through floral waste management: A short review. Journal of Cleaner Production, 2021, 283, 124669.	4.6	23
12	The mechanistic route for the removal of heavy metals ions from water on nanoparticle incorporated biochar. AIP Conference Proceedings, 2021, , .	0.3	0
13	Biosurfactants as useful tools in bioremediation of contaminated soil and aquatic areas. , 2021, , 377-394.		0
14	Application of Hydrous Bismuth Oxide for Arsenic Removal from Aqueous Solutions. Nature Environment and Pollution Technology, 2021, 20, 133-145.	0.2	1
15	Synchrotron Based TXRF for Assessment of Treated Wastewater. Nature Environment and Pollution Technology, 2021, 20, .	0.2	1
16	Climate-resilient strategies for sustainable management of water resources and agriculture. Environmental Science and Pollution Research, 2021, 28, 41576-41595.	2.7	78
17	Removal of Disperse Orange and Disperse Blue dyes present in textile mill effluent using zeolite synthesized from cenospheres. Water Science and Technology, 2021, 84, 445-457.	1.2	12
18	An overview of silver nano-particles as promising materials for water disinfection. Environmental Technology and Innovation, 2021, 23, 101721.	3.0	51

#	ARTICLE	IF	CITATIONS
19	Bioremediation: An effective approach of mercury removal from the aqueous solutions. <i>Chemosphere</i> , 2021, 280, 130654.	4.2	27
20	Chemical water contaminants: potential risk to human health and possible remediation. , 2021, , 157-172.		5
21	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.	2.7	1
22	Classification of Existing Health Model of India at the End of the Twelfth Plan using Enhanced Decision Tree Algorithm. <i>Pertanika Journal of Science and Technology</i> , 2021, 29, .	0.3	1
23	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.	2.7	28
24	Disinfection by-products in drinking water: Occurrence, toxicity and abatement. <i>Environmental Pollution</i> , 2020, 267, 115474.	3.7	149
25	Phytoremediation of toxic metals present in soil and water environment: a critical review. <i>Environmental Science and Pollution Research</i> , 2020, 27, 44835-44860.	2.7	89
26	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.	2.7	83
27	Chemical fertilizers and pesticides: role in groundwater contamination. , 2020, , 143-159.		74
28	Factors affecting the formation of disinfection by-products in drinking water: human health risk. , 2020, , 433-450.		11
29	Inorganic water pollutants. , 2020, , 1-15.		11
30	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.	1.8	13
31	Adsorptive Properties of Cation Added Hydrous Bismuth Oxide on Nitrate Sorption. <i>Journal of Water Chemistry and Technology</i> , 2019, 41, 283-291.	0.2	3
32	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.	0.3	1
33	Eco-management of Wastewater by ZESTP. <i>Journal of Chemistry Environmental Sciences and Its Applications</i> , 2018, 4, 51-57.	0.3	0
34	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.	2.8	148
35	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> , 2015, 2015, 1-10.	1.5	27
36	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.	1.7	51

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37	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> , 2015, 55, 604-614.	1.0	13
38	Novel Adsorbent Hydrous Bismuth Oxide for the Removal of Nitrate from Aqueous Solutions. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2015, 19, .	1.2	18
39	Hyperspectral Sensing for Turbid Water Quality Monitoring in Freshwater Rivers: Empirical Relationship between Reflectance and Turbidity and Total Solids. <i>Sensors</i> , 2014, 14, 22670-22688.	2.1	54
40	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> , 2014, 134, 117-125.	3.9	15
41	Application of a new adsorbent for fluoride removal from aqueous solutions. <i>Journal of Hazardous Materials</i> , 2013, 263, 342-352.	6.5	99
42	Preparation and properties of hydrous bismuth oxides for nitrate removal from aqueous solutions. <i>Desalination and Water Treatment</i> , 2012, 40, 144-152.	1.0	13
43	Preparation and properties of hydrous bismuth oxides for nitrate removal from aqueous solutions. , 0, 40, 144-152.		0