

Runbin Duan

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

280
citations

1040056

9
h-index

940533

16
g-index

30
all docs

30
docs citations

30
times ranked

230
citing authors

#	ARTICLE	IF	CITATIONS
1	Co-transport of Cu ²⁺ , Pb ²⁺ , Cd ²⁺ , and Zn ²⁺ in the columns of polyaluminium chloride and anionic polyacrylamide water treatment residuals. <i>Journal of Water Process Engineering</i> , 2022, 45, 102475.	5.6	5
2	A new method to determine the scale range of environmental damage caused by water pollution accidents. <i>Water Science and Technology: Water Supply</i> , 2022, 22, 3968-3979.	2.1	4
3	Polyaluminium Chloride and Anionic Polyacrylamide Water Treatment Residuals as an Amendment in Soils for Phosphorus: Implications for Reuse in Stormwater Bioretention Systems. <i>Water, Air, and Soil Pollution</i> , 2022, 233, 1.	2.4	2
4	Transport Behavior of Cu ²⁺ Under Binary and Multi-Component Systems in the Columns of Polyaluminium Chloride and Anionic Polyacrylamide Water Treatment Residuals: Implication for Reuse in Stormwater Bioretention Systems. <i>Water, Air, and Soil Pollution</i> , 2022, 233, .	2.4	1
5	Polyaluminium Chloride and Anionic Polyacrylamide Water Treatment Residuals as a Sorbent for Cd ²⁺ and Zn ²⁺ in Soils. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	2.4	8
6	Adsorptive removal of Pb ²⁺ and Cu ²⁺ from stormwater by using water treatment residuals. <i>Urban Water Journal</i> , 2021, 18, 237-247.	2.1	16
7	Adsorption of pyridine from aqueous solutions onto polyaluminium chloride and anionic polyacrylamide water treatment residuals. <i>Water Science and Technology</i> , 2021, 83, 1753-1763.	2.5	5
8	Simulation and assessment of a water pollution accident caused by phenol leakage. <i>Water Policy</i> , 2021, 23, 750-764.	1.5	1
9	Effective defect generation and dual reaction pathways for phenol degradation on boron-doped carbon nanotubes. <i>Environmental Technology (United Kingdom)</i> , 2021, , 1-8.	2.2	0
10	Modeling phosphorus adsorption onto polyaluminium chloride water treatment residuals. <i>Water Science and Technology: Water Supply</i> , 2021, 21, 458-469.	2.1	8
11	Denitrification Field Study at a Wastewater Land Application Site. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2016, 142, 05015011.	1.0	0
12	Preliminary field study of soil TKN in a wastewater land application system. <i>Ecological Engineering</i> , 2015, 83, 1-4.	3.6	3
13	Salt Management for Sustainable Degraded Water Land Application under Changing Climatic Conditions. <i>Environmental Science & Technology</i> , 2013, 47, 130905081044003.	10.0	6
14	Comparison of Methods to Estimate Saturated Hydraulic Conductivity in Texas Soils with Grass. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2012, 138, 322-327.	1.0	17
15	Tuning to Water Sustainability: Future Opportunity for China. <i>Environmental Science & Technology</i> , 2012, 46, 5662-5663.	10.0	3
16	Environmental effects of using cotton burr compost mulch to establish roadside vegetation. <i>Ecological Engineering</i> , 2012, 39, 90-94.	3.6	7
17	Temporal and Spatial Distribution of Soluble Reactive Phosphorus in Groundwater at a Dairy Farm in the Suwannee River Basin of Florida. , 2012, , .		0
18	Metals Removal Comparison of Grass Strip and Grass Swale. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
19	Integrated Performance Analyses of Stormwater Best Management Practices. , 2011, , .		0
20	Nitrogen Mass Balance for Sustainable Nitrogen Management at a Wastewater Land Application Site. , 2011, , .		0
21	Field Study of Salt Balance of a Land Application System. Water, Air, and Soil Pollution, 2011, 215, 43-54.	2.4	17
22	Field evaluation of infiltration models in lawn soils. Irrigation Science, 2011, 29, 379-389.	2.8	53
23	Biomass production for bioenergy using recycled wastewater in a natural waste treatment system. Resources, Conservation and Recycling, 2011, 55, 793-800.	10.8	23
24	Nitrogen and Salt Leaching from Two Typical Texas Turf Soils Irrigated with Degraded Water. Environmental Engineering Science, 2011, 28, 787-793.	1.6	5
25	Nitrogen Leaching Losses from a Wastewater Land Application System. Water Environment Research, 2010, 82, 227-235.	2.7	18
26	Short-Term Effects of Wastewater Land Application on Soil Chemical Properties. Water, Air, and Soil Pollution, 2010, 211, 165-176.	2.4	26
27	Performance of a Combined Natural Wastewater Treatment System in West Texas. Journal of Irrigation and Drainage Engineering - ASCE, 2010, 136, 204-209.	1.0	19
28	Plant Nutrient Phytoremediation Using Duckweed. , 2010, , 341-354.		12
29	Field study of water mass balance in a wastewater land application system. Irrigation Science, 2009, 27, 409-416.	2.8	20
30	Quality and Quantity of Leachate in Land Application Systems. , 2007, , .		1