

Shameen Jinadasa

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,716
citations

430442

18
h-index

276539

41
g-index

54
all docs

54
docs citations

54
times ranked

1728
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of constructed wetlands for wastewater treatment in developing countries â€” A review of recent developments (2000â€”2013). <i>Journal of Environmental Management</i> , 2014, 141, 116-131.	3.8	264
2	Coastal vegetation structures and their functions in tsunami protection: experience of the recent Indian Ocean tsunami. <i>Landscape and Ecological Engineering</i> , 2007, 3, 33-45.	0.7	254
3	Adsorptive interaction of antibiotic ciprofloxacin on polyethylene microplastics: Implications for vector transport in water. <i>Environmental Technology and Innovation</i> , 2020, 19, 100971.	3.0	118
4	Application of constructed wetlands for wastewater treatment in tropical and subtropical regions (2000â€”2013). <i>Journal of Environmental Sciences</i> , 2015, 30, 30-46.	3.2	110
5	Batch versus continuous feeding strategies for pharmaceutical removal by subsurface flow constructed wetland. <i>Environmental Pollution</i> , 2012, 167, 124-131.	3.7	86
6	Fouling of ion exchange membranes used in the electrodialysis reversal advanced water treatment: A review. <i>Chemosphere</i> , 2021, 263, 127951.	4.2	75
7	Effects of water level fluctuation on radial oxygen loss, root porosity, and nitrogen removal in subsurface vertical flow wetland mesocosms. <i>Ecological Engineering</i> , 2009, 35, 410-417.	1.6	61
8	Developing effective vegetation bioshield for tsunami protection. <i>Civil Engineering and Environmental Systems</i> , 2009, 26, 163-180.	0.4	61
9	Tropical Application of Floating Treatment Wetlands. <i>Wetlands</i> , 2012, 32, 955-961.	0.7	60
10	Impact of the hydraulic loading rate on pollutants removal in tropical horizontal subsurface flow constructed wetlands. <i>Ecological Engineering</i> , 2013, 61, 154-160.	1.6	58
11	Taxonomy of influential factors for predicting pollutant first flush in urban stormwater runoff. <i>Water Research</i> , 2019, 166, 115075.	5.3	47
12	Coastal vegetation planting projects for tsunami disaster mitigation: effectiveness evaluation of new establishments. <i>Landscape and Ecological Engineering</i> , 2011, 7, 127-135.	0.7	46
13	Impact of harvesting on constructed wetlands performanceâ€”a comparison between <i>Scirpus grossus</i> and <i>Typha angustifolia</i> . <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2008, 43, 664-671.	0.9	44
14	Free water surface constructed wetlands for domestic wastewater treatment: A tropical case study. <i>Chemistry and Ecology</i> , 2006, 22, 181-191.	0.6	40
15	Quantifying the influence of surface physico-chemical properties of biosorbents on heavy metal adsorption. <i>Chemosphere</i> , 2019, 234, 488-495.	4.2	37
16	Effect of broken dead culms of <i>Phragmites australis</i> on radial oxygen loss in relation to radiation and temperature. <i>Hydrobiologia</i> , 2007, 583, 165-172.	1.0	33
17	Constructed Tropical Wetlands with Integrated Submergent-Emergent Plants for Sustainable Water Quality Management. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2006, 41, 2221-2236.	0.9	30
18	Catchment based estimation of pollutant event mean concentration (EMC) and implications for first flush assessment. <i>Journal of Environmental Management</i> , 2021, 279, 111737.	3.8	20

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19	New conceptualisation of first flush phenomena in urban catchments. <i>Journal of Environmental Management</i> , 2021, 281, 111820.	3.8	19
20	Performance of Tropical Vertical Subsurface Flow Constructed Wetlands at Different Hydraulic Loading Rates. <i>Clean - Soil, Air, Water</i> , 2016, 44, 938-948.	0.7	18
21	Effectiveness of <i>Scirpus grossus</i> Treatment of Domestic Wastes in a Constructed Wetland. <i>Journal of Freshwater Ecology</i> , 2006, 21, 603-612.	0.5	17
22	A Bayesian approach to model the trends and variability in urban stormwater quality associated with catchment and hydrologic parameters. <i>Water Research</i> , 2021, 197, 117076.	5.3	15
23	Kinetic modelling and performance evaluation of vertical subsurface flow constructed wetlands in tropics. <i>Journal of Water Process Engineering</i> , 2020, 38, 101539.	2.6	14
24	Mathematical modelling of the influence of physico-chemical properties on heavy metal adsorption by biosorbents. <i>Chemosphere</i> , 2020, 255, 126965.	4.2	14
25	Comparison of an integrated short-cut biological nitrogen removal process with magnetic coagulation treating swine wastewater and food waste digestate. <i>Bioresource Technology</i> , 2021, 329, 124904.	4.8	14
26	Profiles of antibiotic resistome and microbial community in groundwater of CKDu prevalence zones in Sri Lanka. <i>Journal of Hazardous Materials</i> , 2021, 403, 123816.	6.5	13
27	Groundwater-Based Drinking Water Supply in Sri Lanka: Status and Perspectives. <i>Water (Switzerland)</i> , 2022, 14, 1428.	1.2	13
28	Evaluation of Performance of Existing RO Drinking Water Stations in the North Central Province, Sri Lanka. <i>Membranes</i> , 2021, 11, 383.	1.4	12
29	The association between antimicrobials and the antimicrobial-resistant phenotypes and resistance genes of <i>Escherichia coli</i> isolated from hospital wastewaters and adjacent surface waters in Sri Lanka. <i>Chemosphere</i> , 2021, 279, 130591.	4.2	11
30	Applicability of Constructed Wetlands for Water Quality Improvement in a Tea Estate Catchment: The Pussellawa Case Study. <i>Water (Switzerland)</i> , 2018, 10, 332.	1.2	10
31	Occurrence of Pharmaceutically Active Compounds and Potential Ecological Risks in Wastewater from Hospitals and Receiving Waters in Sri Lanka. <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 298-311.	2.2	10
32	Characterization of humic substances isolated from a tropical zone and their role in membrane fouling. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107456.	3.3	10
33	Acidogenic pretreatment of wastewaters containing 2-nitrophenol. <i>Water Science and Technology</i> , 2004, 50, 119-124.	1.2	9
34	Effect of Water Level Fluctuations on Nitrogen Removal and Plant Growth Performance in Vertical Subsurface-Flow Wetland Mesocosms. <i>Journal of Freshwater Ecology</i> , 2008, 23, 101-112.	0.5	9
35	Conceptual model of Life Cycle Assessment based generic computer tool towards Eco-Design in manufacturing sector. <i>Procedia Manufacturing</i> , 2019, 33, 83-90.	1.9	9
36	Integrated mathematical model to simulate the performance of a membrane bioreactor. <i>Chemosphere</i> , 2021, 284, 131319.	4.2	9

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37	Statistical Modeling of Batch Versus Continuous Feeding Strategies for Pollutant Removal by Tropical Subsurface Flow Constructed Wetlands. <i>Wetlands</i> , 2013, 33, 335-344.	0.7	7
38	A comparative study of community reverse osmosis and nanofiltration systems for total hardness removal in groundwater. <i>Groundwater for Sustainable Development</i> , 2022, 18, 100800.	2.3	7
39	Adsorption Mechanism of Cr(VI) onto Coir Pith. <i>Bioremediation Journal</i> , 2009, 13, 188-197.	1.0	5
40	Impact of influent inorganic nitrogen on nitrate removal efficiency of submerged plant microcosms. <i>Chemistry and Ecology</i> , 2009, 25, 179-188.	0.6	5
41	Biosorption of heavy metals: Transferability between batch and column studies. <i>Chemosphere</i> , 2022, 294, 133659.	4.2	5
42	Effect of external organic matter on nutrient removal and growth of <i>Phragmites australis</i> in a laboratory-scale subsurface-flow treatment wetland. <i>Water Science and Technology</i> , 2007, 55, 121-128.	1.2	4
43	Community engagement and pollution mitigation at Kandy Lake, Sri Lanka. <i>Water Practice and Technology</i> , 2019, 14, 55-61.	1.0	3
44	Preliminary Investigation of Microbial Community in Wastewater and Surface Waters in Sri Lanka and the Philippines. <i>Frontiers in Water</i> , 2021, 3, .	1.0	2
45	POLLUTANTS AND WETLAND TREATMENT. , 2011, , 29-46.		1
46	NUMERICAL MODELLING OF KANDY LAKE, SRI-LANKA IN PREPARATION FOR WATER QUALITY IMPROVEMENT. , 2011, , 2050-2056.		1
47	Paddy Field and Constructed Wetland: The Equivalencies. , 2020, , 199-212.		1
48	Acidogenic pretreatment of wastewaters containing 2-nitrophenol. <i>Water Science and Technology</i> , 2004, 50, 119-24.	1.2	1
49	Impacts of Plant (<i>Egeria densa</i>) Density and Nutrient Composition on Nitrogen Transformation Mechanisms in Laboratory Microcosms. <i>Journal of Freshwater Ecology</i> , 2009, 24, 393-401.	0.5	0