

Shameen Jinadasa

List of Publications by Citations

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Version: 2024-04-26

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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.

48
papers

1,185
citations

17
h-index

34
g-index

54
ext. papers

1,428
ext. citations

4.8
avg, IF

4.54
L-index

#	Paper	IF	Citations
48	Application of constructed wetlands for wastewater treatment in developing countries--a review of recent developments (2000-2013). <i>Journal of Environmental Management</i> , 2014 , 141, 116-31	7.9	212
47	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	2	194
46	Application of constructed wetlands for wastewater treatment in tropical and subtropical regions (2000-2013). <i>Journal of Environmental Sciences</i> , 2015 , 30, 30-46	6.4	88
45	Batch versus continuous feeding strategies for pharmaceutical removal by subsurface flow constructed wetland. <i>Environmental Pollution</i> , 2012 , 167, 124-31	9.3	73
44	Developing effective vegetation bioshield for tsunami protection. <i>Civil Engineering and Environmental Systems</i> , 2009 , 26, 163-180	2.1	56
43	Impact of the hydraulic loading rate on pollutants removal in tropical horizontal subsurface flow constructed wetlands. <i>Ecological Engineering</i> , 2013 , 61, 154-160	3.9	50
42	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	3.9	46
41	Adsorptive interaction of antibiotic ciprofloxacin on polyethylene microplastics: Implications for vector transport in water. <i>Environmental Technology and Innovation</i> , 2020 , 19, 100971	7	44
40	Tropical Application of Floating Treatment Wetlands. <i>Wetlands</i> , 2012 , 32, 955-961	1.7	42
39	Coastal vegetation planting projects for tsunami disaster mitigation: effectiveness evaluation of new establishments. <i>Landscape and Ecological Engineering</i> , 2011 , 7, 127-135	2	41
38	Impact of harvesting on constructed wetlands performance - 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, 664-71	2.3	36
37	Free water surface constructed wetlands for domestic wastewater treatment: A tropical case study. <i>Chemistry and Ecology</i> , 2006 , 22, 181-191	2.3	33
36	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	2.4	30
35	Fouling of ion exchange membranes used in the electrodialysis reversal advanced water treatment: A review. <i>Chemosphere</i> , 2021 , 263, 127951	8.4	27
34	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, 2221-36	2.3	26
33	Taxonomy of influential factors for predicting pollutant first flush in urban stormwater runoff. <i>Water Research</i> , 2019 , 166, 115075	12.5	24
32	Quantifying the influence of surface physico-chemical properties of biosorbents on heavy metal adsorption. <i>Chemosphere</i> , 2019 , 234, 488-495	8.4	23

31	Performance of Tropical Vertical Subsurface Flow Constructed Wetlands at Different Hydraulic Loading Rates. <i>Clean - Soil, Air, Water</i> , 2016 , 44, 938-948	1.6	14
30	Effectiveness of <i>Scirpus grossus</i> in Treatment of Domestic Wastes in a Constructed Wetland. <i>Journal of Freshwater Ecology</i> , 2006 , 21, 603-612	1.4	12
29	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	1.4	9
28	Acidogenic pretreatment of wastewaters containing 2-nitrophenol. <i>Water Science and Technology</i> , 2004 , 50, 119-124	2.2	9
27	Kinetic modelling and performance evaluation of vertical subsurface flow constructed wetlands in tropics. <i>Journal of Water Process Engineering</i> , 2020 , 38, 101539	6.7	8
26	Mathematical modelling of the influence of physico-chemical properties on heavy metal adsorption by biosorbents. <i>Chemosphere</i> , 2020 , 255, 126965	8.4	7
25	Applicability of Constructed Wetlands for Water Quality Improvement in a Tea Estate Catchment: The Pussellawa Case Study. <i>Water (Switzerland)</i> , 2018 , 10, 332	3	7
24	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	12.5	7
23	Conceptual model of Life Cycle Assessment based generic computer tool towards Eco-Design in manufacturing sector. <i>Procedia Manufacturing</i> , 2019 , 33, 83-90	1.5	6
22	Statistical Modeling of Batch Versus Continuous Feeding Strategies for Pollutant Removal by Tropical Subsurface Flow Constructed Wetlands. <i>Wetlands</i> , 2013 , 33, 335-344	1.7	6
21	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	12.8	6
20	New conceptualisation of first flush phenomena in urban catchments. <i>Journal of Environmental Management</i> , 2021 , 281, 111820	7.9	6
19	Adsorption Mechanism of Cr(VI) onto Coir Pith. <i>Bioremediation Journal</i> , 2009 , 13, 188-197	2.3	5
18	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	8.4	5
17	Impact of influent inorganic nitrogen on nitrate removal efficiency of submerged plant microcosms. <i>Chemistry and Ecology</i> , 2009 , 25, 179-188	2.3	4
16	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, 121-8	2.2	4
15	Evaluation of Performance of Existing RO Drinking Water Stations in the North Central Province, Sri Lanka. <i>Membranes</i> , 2021 , 11,	3.8	4
14	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	11	4

13	Integrated mathematical model to simulate the performance of a membrane bioreactor. <i>Chemosphere</i> , 2021 , 284, 131319	8.4	4
12	Catchment based estimation of pollutant event mean concentration (EMC) and implications for first flush assessment. <i>Journal of Environmental Management</i> , 2021 , 279, 111737	7.9	3
11	Groundwater-Based Drinking Water Supply in Sri Lanka: Status and Perspectives. <i>Water (Switzerland)</i> , 2022 , 14, 1428	3	3
10	Community engagement and pollution mitigation at Kandy Lake, Sri Lanka. <i>Water Practice and Technology</i> , 2019 , 14, 55-61	0.9	1
9	Biosorption of heavy metals: Transferability between batch and column studies.. <i>Chemosphere</i> , 2022 , 294, 133659	8.4	1
8	Paddy Field and Constructed Wetland: The Equivalencies 2020 , 199-212		1
7	Step-Feed Technology in SBR to Enhance the Treatment of Landfill Leachate 2017 , 81-91		1
6	Acidogenic pretreatment of wastewaters containing 2-nitrophenol. <i>Water Science and Technology</i> , 2004 , 50, 119-24	2.2	1
5	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	6.8	1
4	Solid Waste (SW) Leachate Treatment using Constructed Wetland Systems 2018 , 263-282		0
3	POLLUTANTS AND WETLAND TREATMENT 2011 , 29-46		
2	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	1.4	
1	Treatment of Wastewater with High Nitrogen Loading by Moving Bed Biofilm Reactor. <i>Lecture Notes in Civil Engineering</i> , 2020 , 538-549	0.3	