

# Shameen Jinadasa

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/1319344/shameen-jinadasa-publications-by-year.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Biosorption of heavy metals: Transferability between batch and column studies.. <i>Chemosphere</i> , <b>2022</b> , 294, 133659	8.4	1
47	Characterization of humic substances isolated from a tropical zone and their role in membrane fouling. <i>Journal of Environmental Chemical Engineering</i> , <b>2022</b> , 10, 107456	6.8	1
46	Groundwater-Based Drinking Water Supply in Sri Lanka: Status and Perspectives. <i>Water (Switzerland)</i> , <b>2022</b> , 14, 1428	3	3
45	Evaluation of Performance of Existing RO Drinking Water Stations in the North Central Province, Sri Lanka. <i>Membranes</i> , <b>2021</b> , 11,	3.8	4
44	Comparison of an integrated short-cut biological nitrogen removal process with magnetic coagulation treating swine wastewater and food waste digestate. <i>Bioresource Technology</i> , <b>2021</b> , 329, 124904	11	4
43	A Bayesian approach to model the trends and variability in urban stormwater quality associated with catchment and hydrologic parameters. <i>Water Research</i> , <b>2021</b> , 197, 117076	12.5	7
42	Fouling of ion exchange membranes used in the electrodialysis reversal advanced water treatment: A review. <i>Chemosphere</i> , <b>2021</b> , 263, 127951	8.4	27
41	Profiles of antibiotic resistome and microbial community in groundwater of CKDu prevalence zones in Sri Lanka. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 403, 123816	12.8	6
40	Catchment based estimation of pollutant event mean concentration (EMC) and implications for first flush assessment. <i>Journal of Environmental Management</i> , <b>2021</b> , 279, 111737	7.9	3
39	New conceptualisation of first flush phenomena in urban catchments. <i>Journal of Environmental Management</i> , <b>2021</b> , 281, 111820	7.9	6
38	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> , <b>2021</b> , 279, 130591	8.4	5
37	Integrated mathematical model to simulate the performance of a membrane bioreactor. <i>Chemosphere</i> , <b>2021</b> , 284, 131319	8.4	4
36	Mathematical modelling of the influence of physico-chemical properties on heavy metal adsorption by biosorbents. <i>Chemosphere</i> , <b>2020</b> , 255, 126965	8.4	7
35	Adsorptive interaction of antibiotic ciprofloxacin on polyethylene microplastics: Implications for vector transport in water. <i>Environmental Technology and Innovation</i> , <b>2020</b> , 19, 100971	7	44
34	Paddy Field and Constructed Wetland: The Equivalencies <b>2020</b> , 199-212		1
33	Treatment of Wastewater with High Nitrogen Loading by Moving Bed Biofilm Reactor. <i>Lecture Notes in Civil Engineering</i> , <b>2020</b> , 538-549	0.3	
32	Kinetic modelling and performance evaluation of vertical subsurface flow constructed wetlands in tropics. <i>Journal of Water Process Engineering</i> , <b>2020</b> , 38, 101539	6.7	8

31	Taxonomy of influential factors for predicting pollutant first flush in urban stormwater runoff. <i>Water Research</i> , <b>2019</b> , 166, 115075	12.5	24
30	Conceptual model of Life Cycle Assessment based generic computer tool towards Eco-Design in manufacturing sector. <i>Procedia Manufacturing</i> , <b>2019</b> , 33, 83-90	1.5	6
29	Quantifying the influence of surface physico-chemical properties of biosorbents on heavy metal adsorption. <i>Chemosphere</i> , <b>2019</b> , 234, 488-495	8.4	23
28	Community engagement and pollution mitigation at Kandy Lake, Sri Lanka. <i>Water Practice and Technology</i> , <b>2019</b> , 14, 55-61	0.9	1
27	Applicability of Constructed Wetlands for Water Quality Improvement in a Tea Estate Catchment: The Pussellawa Case Study. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 332	3	7
26	Solid Waste (SW) Leachate Treatment using Constructed Wetland Systems <b>2018</b> , 263-282		0
25	Step-Feed Technology in SBR to Enhance the Treatment of Landfill Leachate <b>2017</b> , 81-91		1
24	Performance of Tropical Vertical Subsurface Flow Constructed Wetlands at Different Hydraulic Loading Rates. <i>Clean - Soil, Air, Water</i> , <b>2016</b> , 44, 938-948	1.6	14
23	Application of constructed wetlands for wastewater treatment in tropical and subtropical regions (2000-2013). <i>Journal of Environmental Sciences</i> , <b>2015</b> , 30, 30-46	6.4	88
22	Application of constructed wetlands for wastewater treatment in developing countries--a review of recent developments (2000-2013). <i>Journal of Environmental Management</i> , <b>2014</b> , 141, 116-31	7.9	212
21	Statistical Modeling of Batch Versus Continuous Feeding Strategies for Pollutant Removal by Tropical Subsurface Flow Constructed Wetlands. <i>Wetlands</i> , <b>2013</b> , 33, 335-344	1.7	6
20	Impact of the hydraulic loading rate on pollutants removal in tropical horizontal subsurface flow constructed wetlands. <i>Ecological Engineering</i> , <b>2013</b> , 61, 154-160	3.9	50
19	Batch versus continuous feeding strategies for pharmaceutical removal by subsurface flow constructed wetland. <i>Environmental Pollution</i> , <b>2012</b> , 167, 124-31	9.3	73
18	Tropical Application of Floating Treatment Wetlands. <i>Wetlands</i> , <b>2012</b> , 32, 955-961	1.7	42
17	Coastal vegetation planting projects for tsunami disaster mitigation: effectiveness evaluation of new establishments. <i>Landscape and Ecological Engineering</i> , <b>2011</b> , 7, 127-135	2	41
16	POLLUTANTS AND WETLAND TREATMENT <b>2011</b> , 29-46		
15	Adsorption Mechanism of Cr(VI) onto Coir Pith. <i>Bioremediation Journal</i> , <b>2009</b> , 13, 188-197	2.3	5
14	Effects of water level fluctuation on radial oxygen loss, root porosity, and nitrogen removal in subsurface vertical flow wetland mesocosms. <i>Ecological Engineering</i> , <b>2009</b> , 35, 410-417	3.9	46

13	Impact of influent inorganic nitrogen on nitrate removal efficiency of submerged plant microcosms. <i>Chemistry and Ecology</i> , <b>2009</b> , 25, 179-188	2.3	4
12	Developing effective vegetation bioshield for tsunami protection. <i>Civil Engineering and Environmental Systems</i> , <b>2009</b> , 26, 163-180	2.1	56
11	Impacts of Plant ( <i>Egeria densa</i> ) Density and Nutrient Composition on Nitrogen Transformation Mechanisms in Laboratory Microcosms. <i>Journal of Freshwater Ecology</i> , <b>2009</b> , 24, 393-401	1.4	
10	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> , <b>2008</b> , 43, 664-71	2.3	36
9	Effect of Water Level Fluctuations on Nitrogen Removal and Plant Growth Performance in Vertical Subsurface-Flow Wetland Mesocosms. <i>Journal of Freshwater Ecology</i> , <b>2008</b> , 23, 101-112	1.4	9
8	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> , <b>2007</b> , 55, 121-8	2.2	4
7	Effect of broken dead culms of <i>Phragmites australis</i> on radial oxygen loss in relation to radiation and temperature. <i>Hydrobiologia</i> , <b>2007</b> , 583, 165-172	2.4	30
6	Coastal vegetation structures and their functions in tsunami protection: experience of the recent Indian Ocean tsunami. <i>Landscape and Ecological Engineering</i> , <b>2007</b> , 3, 33-45	2	194
5	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> , <b>2006</b> , 41, 2221-36	2.3	26
4	Effectiveness of <i>Scirpus grossus</i> in Treatment of Domestic Wastes in a Constructed Wetland. <i>Journal of Freshwater Ecology</i> , <b>2006</b> , 21, 603-612	1.4	12
3	Free water surface constructed wetlands for domestic wastewater treatment: A tropical case study. <i>Chemistry and Ecology</i> , <b>2006</b> , 22, 181-191	2.3	33
2	Acidogenic pretreatment of wastewaters containing 2-nitrophenol. <i>Water Science and Technology</i> , <b>2004</b> , 50, 119-124	2.2	9
1	Acidogenic pretreatment of wastewaters containing 2-nitrophenol. <i>Water Science and Technology</i> , <b>2004</b> , 50, 119-24	2.2	1