

Alexandros I Stefanakis

List of Publications by Year in Descending Order

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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.

76
papers

1,469
citations

24
h-index

37
g-index

83
ext. papers

1,749
ext. citations

6.1
avg, IF

6.15
L-index

#	Paper	IF	Citations
76	A pilot system integrating a settling technique and a horizontal subsurface flow constructed wetland for the treatment of polluted lake water.. <i>Chemosphere</i> , 2022 , 295, 133844	8.4	3
75	Nature-Based Solutions for Water Pollution Control: Promoting Environmental Education Through Case Studies. <i>Integrated Science</i> , 2022 , 397-411		
74	Food processing wastes as a potential source of adsorbent for toxicant removal from water 2022 , 491-507		
73	A review of circular economy literature through a threefold level framework and engineering-management approach 2022 , 1-19		6
72	A circular model for sustainable produced water management in the oil and gas industry 2022 , 63-77		1
71	A Framework to Evaluate the Social Life Cycle Impact of Products under the Circular Economy Thinking. <i>Sustainability</i> , 2022 , 14, 2196	3.6	1
70	The impact of government policies and steel recycling companies\performance on sustainable management in a circular economy. <i>Resources Policy</i> , 2022 , 77, 102663	7.2	2
69	Effect of Plant Species on the Performance and Bacteria Density Profile in Vertical Flow Constructed Wetlands for Domestic Wastewater Treatment in a Tropical Climate. <i>Water (Switzerland)</i> , 2021 , 13, 3485	3	2
68	Management of Urban Waters with Nature-Based Solutions in Circular Cities\Exemplified through Seven Urban Circularity Challenges. <i>Water (Switzerland)</i> , 2021 , 13, 3334	3	16
67	Green Roofs Towards Circular and Resilient Cities. <i>Circular Economy and Sustainability</i> , 2021 , 1, 1-17		17
66	Evaluation of Hybrid Constructed Wetland Performance and Reuse of Treated Wastewater in Agricultural Irrigation. <i>Water (Switzerland)</i> , 2021 , 13, 1165	3	6
65	Circular Economy and Sustainability: the Past, the Present and the Future Directions. <i>Circular Economy and Sustainability</i> , 2021 , 1, 1		45
64	Nature-Based Solutions as a Tool in the New Circular Economic Model for Climate Change Adaptation. <i>Circular Economy and Sustainability</i> , 2021 , 1, 303		41
63	Operational modifications of a full-scale experimental vertical flow constructed wetland with effluent recirculation to optimize total nitrogen removal. <i>Journal of Cleaner Production</i> , 2021 , 296, 126558	10.3	23
62	Education in Ecological Engineering\ Need Whose Time Has Come. <i>Circular Economy and Sustainability</i> , 2021 , 1, 333		5
61	Towards agro-environmentally sustainable irrigation with treated produced water in hyper-arid environments. <i>Agricultural Water Management</i> , 2021 , 243, 106449	5.9	17
60	A Two-Stage Constructed Wetland Design Integrating Artificial Aeration and Sludge Mineralization for Municipal Wastewater Treatment. <i>Environmental and Microbial Biotechnology</i> , 2021 , 195-211	1.4	

59	Hydraulic characterization and removal of metals and nutrients in an aerated horizontal subsurface flow "racetrack" wetland treating primary-treated oil industry effluent. <i>Water Research</i> , 2021 , 200, 117220 ^{12.5}	13
58	A full-scale anaerobic baffled reactor and hybrid constructed wetland for university dormitory wastewater treatment and reuse in an arid and warm climate. <i>Ecological Engineering</i> , 2021 , 170, 106360 ^{3.9}	10
57	Effect of design and operational parameters on nutrients and heavy metal removal in pilot floating treatment wetlands with <i>Eichhornia Crassipes</i> treating polluted lake water. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 25664-25678	5.1 11
56	Sustainable Dewatering of Industrial Sludges in Sludge Treatment Reed Beds: Experiences from Pilot and Full-Scale Studies under Different Climates. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 7446	2.6 6
55	Constructed Wetlands for Sustainable Wastewater Treatment in Hot and Arid Climates: Opportunities, Challenges and Case Studies in the Middle East. <i>Water (Switzerland)</i> , 2020 , 12, 1665	3 61
54	A novel pilot and full-scale constructed wetland study for glass industry wastewater treatment. <i>Chemosphere</i> , 2020 , 247, 125966	8.4 36
53	Constructed Wetlands 2020 , 503-525	8
52	The Use of Constructed Wetlands to Mitigate Pollution from Agricultural Runoff 2020 , 233-246	3
51	The Fate of MTBE and BTEX in Constructed Wetlands. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 127	2.6 17
50	Treatment of cork boiling wastewater using a horizontal subsurface flow constructed wetland combined with ozonation. <i>Chemosphere</i> , 2020 , 260, 127598	8.4 7
49	Internalisation of spp. by and and implications for pathogen removal in Constructed Wetlands. <i>Environmental Technology (United Kingdom)</i> , 2020 , 1-13	2.6 5
48	Investigation of pilot-scale constructed wetlands treating simulated pre-treated tannery wastewater under tropical climate. <i>Chemosphere</i> , 2019 , 234, 496-504	8.4 37
47	Performance of pilot Horizontal Roughing Filter as polishing stage of waste stabilization ponds in developing regions and modelling verification. <i>Ecological Engineering</i> , 2019 , 138, 8-18	3.9 7
46	Aromatic Compounds and Organic Matter Behavior in Pilot Constructed Wetlands Treating Pinus Radiata and Eucalyptus Globulus Sawmill Industry Leachate. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 5046 ^{2.6}	
45	The Role of Constructed Wetlands as Green Infrastructure for Sustainable Urban Water Management. <i>Sustainability</i> , 2019 , 11, 6981	3.6 104
44	Presence of bacteria and bacteriophages in full-scale trickling filters and an aerated constructed wetland. <i>Science of the Total Environment</i> , 2019 , 659, 1135-1145	10.2 36
43	Introduction to Constructed Wetland Technology 2018 , 1-21	3
42	Integrated Produced Water Management in a Desert Oilfield Using Wetland Technology and Innovative Reuse Practices 2018 , 23-42	7

41	Cork Boiling Wastewater Treatment in Pilot Constructed Wetlands 2018 , 283-308			1
40	Constructed Wetlands Treating Water Contaminated with Organic Hydrocarbons 2018 , 43-63			1
39	A Novel Response of Industry to Wastewater Treatment with Constructed Wetlands: A Managerial View through System Dynamic Techniques 2018 , 529-549			2
38	A Construction Manager's Perception of a Successful Industrial Constructed Wetland Project 2018 , 551-561			
37	Olive Mill Wastewater Treatment in Constructed Wetlands 2018 , 163-174			
36	Dairy Wastewater Treatment with Constructed Wetlands: Experiences from Belgium, the Netherlands and Greece 2018 , 175-202			2
35	2018 ,			2
34	Constructed Wetlands Case Studies for the Treatment of Water Polluted with Fuel and Oil Hydrocarbons 2018 , 151-167			1
33	Investigation of lab-scale horizontal subsurface flow constructed wetlands treating industrial cork boiling wastewater. <i>Chemosphere</i> , 2018 , 207, 430-439	8.4		32
32	Treatment of table olive washing water using trickling filters, constructed wetlands and electrooxidation. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 1085-1092	5.1		27
31	Removal of dimethylphenols and ammonium in laboratory-scale horizontal subsurface flow constructed wetlands. <i>Engineering in Life Sciences</i> , 2017 , 17, 1224-1233	3.4		27
30	A novel horizontal subsurface flow constructed wetland: Reducing area requirements and clogging risk. <i>Chemosphere</i> , 2017 , 186, 257-268	8.4		47
29	Pharmaceuticals and Personal Care Products as Emerging Water Contaminants 2017 , 1457-1475			0
28	Performance of pilot-scale horizontal subsurface flow constructed wetlands treating groundwater contaminated with phenols and petroleum derivatives. <i>Ecological Engineering</i> , 2016 , 95, 514-526	3.9		50
27	Fate of Phenolic Compounds in Constructed Wetlands Treating Contaminated Water 2016 , 311-325			2
26	Processes and Mechanisms in Sludge Treatment Wetlands 2014 , 209-214			2
25	Performance of Sludge Treatment Wetlands 2014 , 215-291			1
24	Treatment Processes in VFCWs 2014 , 57-84			6

23	VFCW Types 2014 , 27-38		2
22	Modeling of Vertical Flow Constructed Wetlands 2014 , 165-179		35
21	Treatment of Special Wastewaters in VFCWs 2014 , 145-164		8
20	VFCW Components 2014 , 39-55		1
19	Techno-Economic Aspects of Vertical Flow Constructed Wetlands 2014 , 293-313		1
18	Sludge Treatment Wetlands Basic Design Considerations 2014 , 191-208		
17	Constructed Wetlands Classification 2014 , 17-25		1
16	Domestic/Municipal Wastewater Treatment with VFCWs 2014 , 85-144		1
15	Vertical Flow Constructed Wetlands 2014 ,		9
14	Use of zeolite and bauxite as filter media treating the effluent of Vertical Flow Constructed Wetlands. <i>Microporous and Mesoporous Materials</i> , 2012 , 155, 106-116	5.3	42
13	Heavy metal fate in pilot-scale sludge drying reed beds under various design and operation conditions. <i>Journal of Hazardous Materials</i> , 2012 , 213-214, 393-405	12.8	33
12	Effect of various design and operation parameters on performance of pilot-scale Sludge Drying Reed Beds. <i>Ecological Engineering</i> , 2012 , 38, 65-78	3.9	36
11	Effects of loading, resting period, temperature, porous media, vegetation and aeration on performance of pilot-scale vertical flow constructed wetlands. <i>Chemical Engineering Journal</i> , 2012 , 181-182, 416-430	14.7	170
10	Stability and maturity of thickened wastewater sludge treated in pilot-scale sludge treatment wetlands. <i>Water Research</i> , 2011 , 45, 6441-52	12.5	31
9	Dewatering mechanisms in pilot-scale Sludge Drying Reed Beds: Effect of design and operational parameters. <i>Chemical Engineering Journal</i> , 2011 , 172, 430-443	14.7	60
8	Effect of wastewater step-feeding on removal efficiency of pilot-scale horizontal subsurface flow constructed wetlands. <i>Ecological Engineering</i> , 2011 , 37, 431-443	3.9	63
7	Surplus activated sludge dewatering in pilot-scale sludge drying reed beds. <i>Journal of Hazardous Materials</i> , 2009 , 172, 1122-30	12.8	31
6	Effluent quality improvement of two pilot-scale, horizontal subsurface flow constructed wetlands using natural zeolite (clinoptilolite). <i>Microporous and Mesoporous Materials</i> , 2009 , 124, 131-143	5.3	58

5	Effect of outlet water level raising and effluent recirculation on removal efficiency of pilot-scale, horizontal subsurface flow constructed wetlands. <i>Desalination</i> , 2009 , 248, 961-976	10.3	37
4	Performance of pilot-scale vertical flow constructed wetlands treating simulated municipal wastewater: effect of various design parameters. <i>Desalination</i> , 2009 , 248, 753-770	10.3	55
3	Pharmaceuticals and Personal Care Products as Emerging Water Contaminants. <i>Impact of Meat Consumption on Health and Environmental Sustainability</i> ,81-100	0.3	
2	A Review of Emerging Contaminants in Water. <i>Impact of Meat Consumption on Health and Environmental Sustainability</i> ,55-80	0.3	17
1	Constructed Wetlands. <i>Impact of Meat Consumption on Health and Environmental Sustainability</i> ,281-303	0.3	9