

Alexandros I Stefanakis

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1496818/alexandros-i-stefanakis-publications-by-citations.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.

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	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
75	The Role of Constructed Wetlands as Green Infrastructure for Sustainable Urban Water Management. <i>Sustainability</i> , 2019 , 11, 6981	3.6	104
74	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
73	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
72	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
71	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
70	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
69	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
68	A novel horizontal subsurface flow constructed wetland: Reducing area requirements and clogging risk. <i>Chemosphere</i> , 2017 , 186, 257-268	8.4	47
67	Circular Economy and Sustainability: the Past, the Present and the Future Directions. <i>Circular Economy and Sustainability</i> , 2021 , 1, 1		45
66	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
65	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
64	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
63	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
62	A novel pilot and full-scale constructed wetland study for glass industry wastewater treatment. <i>Chemosphere</i> , 2020 , 247, 125966	8.4	36
61	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
60	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

59	Modeling of Vertical Flow Constructed Wetlands 2014 , 165-179		35
58	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
57	Investigation of lab-scale horizontal subsurface flow constructed wetlands treating industrial cork boiling wastewater. <i>Chemosphere</i> , 2018 , 207, 430-439	8.4	32
56	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
55	Surplus activated sludge dewatering in pilot-scale sludge drying reed beds. <i>Journal of Hazardous Materials</i> , 2009 , 172, 1122-30	12.8	31
54	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
53	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
52	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
51	A Review of Emerging Contaminants in Water. <i>Impact of Meat Consumption on Health and Environmental Sustainability</i> , 55-80	0.3	17
50	The Fate of MTBE and BTEX in Constructed Wetlands. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 127	2.6	17
49	Green Roofs Towards Circular and Resilient Cities. <i>Circular Economy and Sustainability</i> , 2021 , 1, 1-17		17
48	Towards agro-environmentally sustainable irrigation with treated produced water in hyper-arid environments. <i>Agricultural Water Management</i> , 2021 , 243, 106449	5.9	17
47	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
46	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
45	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
44	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
43	Constructed Wetlands. <i>Impact of Meat Consumption on Health and Environmental Sustainability</i> , 281-303	0.3	9
42	Vertical Flow Constructed Wetlands 2014 ,		9

41	Treatment of Special Wastewaters in VFCWs 2014 , 145-164		8
40	Constructed Wetlands 2020 , 503-525		8
39	Integrated Produced Water Management in a Desert Oilfield Using Wetland Technology and Innovative Reuse Practices 2018 , 23-42		7
38	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
37	Treatment of cork boiling wastewater using a horizontal subsurface flow constructed wetland combined with ozonation. <i>Chemosphere</i> , 2020 , 260, 127598	8.4	7
36	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
35	Treatment Processes in VFCWs 2014 , 57-84		6
34	Evaluation of Hybrid Constructed Wetland Performance and Reuse of Treated Wastewater in Agricultural Irrigation. <i>Water (Switzerland)</i> , 2021 , 13, 1165	3	6
33	A review of circular economy literature through a threefold level framework and engineering-management approach 2022 , 1-19		6
32	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
31	Education in Ecological Engineering – Need Whose Time Has Come. <i>Circular Economy and Sustainability</i> , 2021 , 1, 333		5
30	Introduction to Constructed Wetland Technology 2018 , 1-21		3
29	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
28	The Use of Constructed Wetlands to Mitigate Pollution from Agricultural Runoff 2020 , 233-246		3
27	A Novel Response of Industry to Wastewater Treatment with Constructed Wetlands: A Managerial View through System Dynamic Techniques 2018 , 529-549		2
26	Dairy Wastewater Treatment with Constructed Wetlands: Experiences from Belgium, the Netherlands and Greece 2018 , 175-202		2
25	Processes and Mechanisms in Sludge Treatment Wetlands 2014 , 209-214		2
24	VFCW Types 2014 , 27-38		2

23	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
22	Fate of Phenolic Compounds in Constructed Wetlands Treating Contaminated Water 2016 , 311-325		2
21	2018 ,		2
20	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
19	Cork Boiling Wastewater Treatment in Pilot Constructed Wetlands 2018 , 283-308		1
18	Constructed Wetlands Treating Water Contaminated with Organic Hydrocarbons 2018 , 43-63		1
17	Performance of Sludge Treatment Wetlands 2014 , 215-291		1
16	VFCW Components 2014 , 39-55		1
15	Techno-Economic Aspects of Vertical Flow Constructed Wetlands 2014 , 293-313		1
14	Constructed Wetlands Classification 2014 , 17-25		1
13	Domestic/Municipal Wastewater Treatment with VFCWs 2014 , 85-144		1
12	Constructed Wetlands Case Studies for the Treatment of Water Polluted with Fuel and Oil Hydrocarbons 2018 , 151-167		1
11	A circular model for sustainable produced water management in the oil and gas industry 2022 , 63-77		1
10	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
9	Pharmaceuticals and Personal Care Products as Emerging Water Contaminants 2017 , 1457-1475		0
8	A Construction Manager's Perception of a Successful Industrial Constructed Wetland Project 2018 , 551-561		
7	Olive Mill Wastewater Treatment in Constructed Wetlands 2018 , 163-174		
6	Sludge Treatment Wetlands Basic Design Considerations 2014 , 191-208		

- 5 Nature-Based Solutions for Water Pollution Control: Promoting Environmental Education Through Case Studies. *Integrated Science*, **2022**, 397-411
- 4 Pharmaceuticals and Personal Care Products as Emerging Water Contaminants. *Impact of Meat Consumption on Health and Environmental Sustainability*, 81-100 0.3
- 3 Aromatic Compounds and Organic Matter Behavior in Pilot Constructed Wetlands Treating Pinus Radiata and Eucalyptus Globulus Sawmill Industry Leachate. *Applied Sciences (Switzerland)*, **2019**, 9, 5046^{2.6}
- 2 A Two-Stage Constructed Wetland Design Integrating Artificial Aeration and Sludge Mineralization for Municipal Wastewater Treatment. *Environmental and Microbial Biotechnology*, **2021**, 195-211 1.4
- 1 Food processing wastes as a potential source of adsorbent for toxicant removal from water **2022**, 491-507