

List of Publications by Citations

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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.

34 papers	1,529 citations	20 h-index	35 g-index
35 ext. papers	1,824 ext. citations	9.5 avg, IF	5.57 L-index

#	Paper	IF	Citations
34	A review on nitrogen and organics removal mechanisms in subsurface flow constructed wetlands: dependency on environmental parameters, operating conditions and supporting media. <i>Journal of Environmental Management</i> , 2012 , 112, 429-48	7.9	543
33	Treatment of tannery wastewater in a pilot-scale hybrid constructed wetland system in Bangladesh. <i>Chemosphere</i> , 2012 , 88, 1065-73	8.4	118
32	A lab-scale study of constructed wetlands with sugarcane bagasse and sand media for the treatment of textile wastewater. <i>Bioresource Technology</i> , 2013 , 128, 438-47	11	76
31	Enhanced denitrification and organics removal in hybrid wetland columns: comparative experiments. <i>Bioresource Technology</i> , 2011 , 102, 967-74	11	72
30	Industrial wastewater treatment in constructed wetlands packed with construction materials and agricultural by-products. <i>Journal of Cleaner Production</i> , 2018 , 189, 442-453	10.3	67
29	A comparative study on the removal of nutrients and organic matter in wetland reactors employing organic media. <i>Chemical Engineering Journal</i> , 2011 , 171, 439-447	14.7	64
28	A comprehensive review on nutrients and organics removal from different wastewaters employing subsurface flow constructed wetlands. <i>Critical Reviews in Environmental Science and Technology</i> , 2017 , 47, 203-288	11.1	63
27	Kinetic modelling of nitrogen and organics removal in vertical and horizontal flow wetlands. <i>Water Research</i> , 2011 , 45, 3137-52	12.5	50
26	Floating constructed wetland for the treatment of polluted river water: A pilot scale study on seasonal variation and shock load. <i>Chemical Engineering Journal</i> , 2016 , 287, 62-73	14.7	48
25	Kinetic modelling of organic matter removal in 80 horizontal flow reed beds for domestic sewage treatment. <i>Process Biochemistry</i> , 2009 , 44, 717-722	4.8	42
24	Nitrogen removal and microbial community profiles in six wetland columns receiving high ammonia load. <i>Chemical Engineering Journal</i> , 2012 , 203, 326-332	14.7	41
23	Pollutant removal from municipal wastewater employing baffled subsurface flow and integrated surface flow-floating treatment wetlands. <i>Journal of Environmental Sciences</i> , 2014 , 26, 726-36	6.4	36
22	Pollutant removal employing tidal flow constructed wetlands: Media and feeding strategies. <i>Chemical Engineering Journal</i> , 2020 , 382, 122874	14.7	33
21	Organic matter and nutrients removal in hybrid constructed wetlands: Influence of saturation. <i>Chemical Engineering Journal</i> , 2019 , 371, 154-165	14.7	32
20	Removal of dissolved metals in wetland columns filled with shell grits and plant biomass. <i>Chemical Engineering Journal</i> , 2018 , 331, 234-241	14.7	30
19	Pollutant removals employing unsaturated and partially saturated vertical flow wetlands: A comparative study. <i>Chemical Engineering Journal</i> , 2017 , 325, 332-341	14.7	29
18	The removal of nitrogen and organics in vertical flow wetland reactors: predictive models. <i>Bioresource Technology</i> , 2011 , 102, 1205-13	11	27

17	Constructed wetlands for industrial wastewater treatment: Alternative media, input biodegradation ratio and unstable loading. <i>Journal of Environmental Chemical Engineering</i> , 2019 , 7, 103042	6.8	25
16	The use of biochar and crushed mortar in treatment wetlands to enhance the removal of nutrients from sewage. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 586-599	5.1	22
15	Two-stage constructed wetland systems for polluted surface water treatment. <i>Journal of Environmental Management</i> , 2019 , 249, 109379	7.9	21
14	Pollutant removal from landfill leachate employing two-stage constructed wetland mesocosms: co-treatment with municipal sewage. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 28316-28332	5.1	17
13	Effect of effluent recirculation on nutrients and organics removal performance of hybrid constructed wetlands: Landfill leachate treatment. <i>Journal of Cleaner Production</i> , 2021 , 282, 125427	10.3	15
12	Organic matter and nutrient removal in tidal flow-based microbial fuel cell constructed wetlands: Media and flood-dry period ratio. <i>Chemical Engineering Journal</i> , 2021 , 411, 128507	14.7	13
11	Integrated simple ceramic filter and waste stabilization pond for domestic wastewater treatment. <i>Environmental Technology and Innovation</i> , 2019 , 14, 100319	7	9
10	Constructed wetlands for drained wastewater treatment and sludge stabilization: Role of plants, microbial fuel cell and earthworm assistance. <i>Chemical Engineering Journal</i> , 2022 , 430, 132907	14.7	7
9	Organics and nutrients removal in vertical flow wetlands: loading fluctuation and alternative media. <i>Environmental Technology (United Kingdom)</i> , 2021 , 42, 1104-1118	2.6	7
8	Intensified constructed wetlands for the treatment of municipal wastewater: experimental investigation and kinetic modelling. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 30908-30928	5.1	7
7	Removal of heavy metals in subsurface flow constructed wetlands: Application of effluent recirculation. <i>Environmental and Sustainability Indicators</i> , 2021 , 12, 100146	3.5	4
6	Landfill leachate and municipal wastewater co-treatment in microbial fuel cell integrated unsaturated and partially saturated tidal flow constructed wetlands. <i>Journal of Water Process Engineering</i> , 2022 , 46, 102633	6.7	3
5	Bioreactor septic tank for on-site wastewater treatment: Floating constructed wetland integration. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 105606	6.8	3
4	Influence of electrodes and media saturation in horizontal flow wetlands employed for municipal sewage treatment: A comparative study. <i>Environmental Technology and Innovation</i> , 2022 , 25, 102160	7	2
3	Free-draining two-stage microbial fuel cell integrated constructed wetlands development using biomass, construction, and industrial wastes as filter materials: Performance assessment. <i>Chemical Engineering Journal</i> , 2022 , 437, 135433	14.7	2
2	Water quantity and quality assessment on a tertiary treatment wetland in a tropical climate. <i>Water Science and Technology</i> , 2015 , 71, 511-7	2.2	1
1	A comparative landfill leachate treatment performance in normal and electrodes integrated hybrid constructed wetlands under unstable pollutant loadings.. <i>Science of the Total Environment</i> , 2022 , 155942	10.2	0