

# Potential of vegetated ditches to manage organic pollutant runoff and domestic sewage: A case study in Sinaloa (Mexico)

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A flexible magnesium silicate coated electrospun fiber adsorbent for high-efficiency removal of a toxic cationic herbicide. <i>New Journal of Chemistry</i> , 2017, 41, 15601-15611.	1.4	29
2	Simple method for the determination of personal care product ingredients in lettuce by ultrasound-assisted extraction combined with solid-phase microextraction followed by GC-MS. <i>Journal of Separation Science</i> , 2018, 41, 2253-2260.	1.3	19
3	Trace analysis of pesticide residues in sediments using liquid chromatography-high-resolution Orbitrap mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 1977-1989.	1.9	24
4	Uptake by rice seedlings and in-plant degradation of atrazine as influenced by the oxidative stress induced by added arsenic or phosphate deficiency. <i>Human and Ecological Risk Assessment (HERA)</i> , 2018, 24, 1550-1564.	1.7	6
5	Removal of nutrients, organics and suspended solids in vegetated agricultural drainage ditch. <i>Ecological Engineering</i> , 2018, 118, 97-103.	1.6	73
6	Nonpoint Source Pollution. <i>Water Environment Research</i> , 2018, 90, 1872-1898.	1.3	12
7	Occurrence and removal of ibuprofen and its metabolites in full-scale constructed wetlands treating municipal wastewater. <i>Ecological Engineering</i> , 2018, 120, 1-5.	1.6	39
8	Removal of non-point source pollutants from domestic sewage and agricultural runoff by vegetated drainage ditches (VDDs): Design, mechanism, management strategies, and future directions. <i>Science of the Total Environment</i> , 2018, 639, 742-759.	3.9	128
9	Phytoextraction and biodegradation of atrazine by <i>Myriophyllum spicatum</i> and evaluation of bacterial communities involved in atrazine degradation in lake sediment. <i>Chemosphere</i> , 2018, 209, 439-448.	4.2	50
10	Artificial Aquatic Ecosystems. <i>Water (Switzerland)</i> , 2018, 10, 1096.	1.2	42
11	Anthropogenic contaminants of high concern: Existence in water resources and their adverse effects. <i>Science of the Total Environment</i> , 2019, 690, 1068-1088.	3.9	176
12	Quality Assessment for Video With Degradation Along Salient Trajectories. <i>IEEE Transactions on Multimedia</i> , 2019, 21, 2738-2749.	5.2	40
13	What potential do magnetic iron oxide nanoparticles have for the treatment of rheumatoid arthritis?. <i>Nanomedicine</i> , 2019, 14, 927-930.	1.7	10
14	Ecological ditch system for nutrient removal of rural domestic sewage in the hilly area of the central Sichuan Basin, China. <i>Journal of Hydrology</i> , 2019, 570, 839-849.	2.3	39
15	Exposure to low-level metalaxyl impacts the cardiac development and function of zebrafish embryos. <i>Journal of Environmental Sciences</i> , 2019, 85, 1-8.	3.2	26
16	Study on the intensified reduction of farmland non-point source pollution in winter using thermally insulated ecological shallow ditch. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 344, 012168.	0.2	0
17	Assessment of soil buffer capacity on nutrients and pharmaceuticals in nature-based solution applications. <i>Environmental Science and Pollution Research</i> , 2019, 26, 759-774.	2.7	14
18	Study on nitrogen removal from rice paddy field drainage by interaction of plant species and hydraulic conditions in eco-ditches. <i>Environmental Science and Pollution Research</i> , 2019, 26, 6492-6502.	2.7	12

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19	Experimental study on performance of a de-foulant hydrocyclone with different reflux devices for sewage source heat pump. <i>Applied Thermal Engineering</i> , 2019, 149, 354-365.	3.0	13
20	Performance of constructed wetlands and associated mechanisms of PAHs removal with mussels. <i>Chemical Engineering Journal</i> , 2019, 357, 280-287.	6.6	27
21	Efficiency of different monitoring units in representing pollutant removals in distributed ditches and ponds in agricultural landscapes. <i>Ecological Indicators</i> , 2020, 108, 105677.	2.6	4
22	Pharmaceuticals, pesticides, personal care products and microplastics contamination assessment of Al-Hassa irrigation network (Saudi Arabia) and its shallow lakes. <i>Science of the Total Environment</i> , 2020, 701, 135021.	3.9	131
23	Climate change impacts the subsurface transport of atrazine and estrone originating from agricultural production activities. <i>Environmental Pollution</i> , 2020, 265, 115024.	3.7	7
24	Bioremediation of emerging micropollutants in irrigation water. The alternative of microalgae-based treatments. <i>Journal of Environmental Management</i> , 2020, 274, 111081.	3.8	21
25	Nanocellulose-organic montmorillonite nanocomposite adsorbent for diuron removal from aqueous solution: optimization using response surface methodology. <i>RSC Advances</i> , 2020, 10, 30734-30745.	1.7	11
26	Nutrient dynamics and retention in a vegetated drainage ditch receiving nutrient-rich sewage at low temperatures. <i>Science of the Total Environment</i> , 2020, 741, 140268.	3.9	16
27	Exposure to Metalaxyl Disturbs the Skeletal Development of Zebrafish Embryos. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 104, 432-437.	1.3	6
28	Ecological treatment technology for agricultural non-point source pollution in remote rural areas of China. <i>Environmental Science and Pollution Research</i> , 2021, 28, 40075-40087.	2.7	40
29	Structure and QSAR analysis of photoinduced transformation products of neonicotinoids from EU watchlist for ecotoxicological assessment. <i>Science of the Total Environment</i> , 2021, 751, 141634.	3.9	19
30	Removal and environmental risk assessment of contaminants of emerging concern from irrigation waters in a semi-closed microalgae photobioreactor. <i>Environmental Research</i> , 2021, 194, 110278.	3.7	20
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33	Nitrogen and phosphorus removal in simulated wastewater by two aquatic plants. <i>Environmental Science and Pollution Research</i> , 2021, 28, 63237-63249.	2.7	18
34	Can vegetated drainage ditches be effective in a similar way as constructed wetlands? Heavy metal and nutrient standing stock by ditch plant species. <i>Ecological Engineering</i> , 2021, 166, 106234.	1.6	3
35	Recent advances in control technologies for non-point source pollution with nitrogen and phosphorous from agricultural runoff: current practices and future prospects. <i>Applied Biological Chemistry</i> , 2020, 63, .	0.7	129
36	Sediment Bacterial Community Structure Under the Influence of Different Domestic Sewage Types. <i>Journal of Microbiology and Biotechnology</i> , 2020, 30, 1355-1366.	0.9	3

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37	Vegetated Drainage Ditches in Mexico. A Case Study in Mazatlan, Sinaloa. Water Science and Technology Library, 2020, , 443-464.	0.2	0
38	Ecosystem services (ES) provided by ditches in a desert agricultural valley. Ecological Engineering, 2022, 174, 106462.	1.6	0
39	Changes of Water Quality in the Yangtze River Basin. , 2020, , 31-55.		0
40	PHOTOCATALYTIC SOLAR OXIDATION OF ACESULFAME-K. EFFECT OF INITIAL pH, CATALYST DOSE AND OXIDANT CONCENTRATION. , 0, , .		0
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48	Removal of pharmaceuticals by vertical flow constructed wetland with different configurations: Effect of inlet load and biochar addition in the substrate. Chemosphere, 2022, 307, 135975.	4.2	8
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51	Temporal dynamics of lateral carbon export from an onshore aquaculture farm. Science of the Total Environment, 2023, 859, 160258.	3.9	3
52	Vegetated urban streams have sufficient purification ability but high internal nutrient loadings: Microbial communities and nutrient release dynamics. Science of the Total Environment, 2023, 863, 160921.	3.9	3
54	Techno-economic evaluation of UV light technologies in water remediation. Science of the Total Environment, 2023, 868, 161376.	3.9	7
55	Social perceptions of ecosystem services delivered by coastal wetlands: their value and the threats they face in northwestern Mexico. Ethnobiology and Conservation, 0, , .	0.0	0
56	Effects of nanoparticles/nanotubes on plant growth. , 2023, , 183-237.		0
57	Vegetated Ditches for Mitigation of Contaminants in Agricultural Runoff. Environmental Contamination Remediation and Management, 2023, , 171-192.	0.5	0

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