Jan Vymazal

List of Publications by Year in Descending Order

160 papers	10,744 citations	47 h-index	102 g-index
163 ext. papers	12,565 ext. citations	6.2 avg, IF	7.59 L-index

#	Paper	IF	Citations
160	The Historical Development of Constructed Wetlands for Wastewater Treatment. *Land*, **2022**, 11, 174	3.5	5
159	Enhancement of denitrification in biofilters by immobilized biochar under low-temperature stress.. *Bioresource Technology*, **2022**, 347, 126664	11	2
158	Application of arbuscular mycorrhizal fungi for pharmaceuticals and personal care productions removal in constructed wetlands with different substrate. *Journal of Cleaner Production*, **2022**, 339, 130760	10.3	3
157	Distribution of heavy metals in Phragmites australis growing in constructed treatment wetlands and comparison with natural unpolluted sites. *Ecological Engineering*, **2022**, 175, 106505	3.9	0
156	Pharmaceutical pollution of the world's rivers.. *Proceedings of the National Academy of Sciences of the United States of America*, **2022**, 119,	11.5	37
155	Impact of microplastics on the treatment performance of constructed wetlands: Based on substrate characteristics and microbial activities.. *Water Research*, **2022**, 217, 118430	12.5	2
154	A review of technologies for closing the P loop in agriculture runoff: Contributing to the transition towards a circular economy. *Ecological Engineering*, **2022**, 177, 106571	3.9	1
153	Meta-analysis of the removal of trace organic contaminants from constructed wetlands: Conditions, parameters, and mechanisms. *Ecological Engineering*, **2022**, 178, 106596	3.9	2
152	The combination sequence effect on nitrogen removal pathway in hybrid constructed wetlands treating raw sewage from multiple perspectives.. *Science of the Total Environment*, **2022**, 155200	10.2	0
151	Hybrid constructed wetlands integrated with microbial fuel cells and reactive bed filter for wastewater treatment and bioelectricity generation. *Environmental Science and Pollution Research*, **2021**, 29, 22223	5.1	1
150	Long-term performance of nutrient removal in an integrated constructed wetland. *Science of the Total Environment*, **2021**, 779, 146268	10.2	4
149	Floating treatment wetlands integrated with microbial fuel cell for the treatment of urban wastewaters and bioenergy generation. *Science of the Total Environment*, **2021**, 766, 142474	10.2	15
148	Employ of arbuscular mycorrhizal fungi for pharmaceuticals ibuprofen and diclofenac removal in mesocosm-scale constructed wetlands. *Journal of Hazardous Materials*, **2021**, 409, 124524	12.8	14
147	Phosphorus removal in a pilot scale free water surface constructed wetland: hydraulic retention time, seasonality and standing stock evaluation. *Chemosphere*, **2021**, 266, 128939	8.4	7
146	Mapping the field of constructed wetland-microbial fuel cell: A review and bibliometric analysis. *Chemosphere*, **2021**, 262, 128366	8.4	28
145	Application of floating treatment wetlands for stormwater runoff: A critical review of the recent developments with emphasis on heavy metals and nutrient removal. *Science of the Total Environment*, **2021**, 777, 146044	10.2	23
144	Arbuscular mycorrhizal fungi modulate the chromium distribution and bioavailability in semi-aquatic habitats. *Chemical Engineering Journal*, **2021**, 420, 129925	14.7	5

143	Fate of antifungal drugs climbazole and fluconazole in constructed wetlands - Diastereoselective transformation indicates process conditions. *Chemical Engineering Journal*, **2021**, 421, 127783	14.7	1
142	Arbuscular mycorrhizal symbiosis in constructed wetlands with different substrates: Effects on the phytoremediation of ibuprofen and diclofenac. *Journal of Environmental Management*, **2021**, 296, 113217	7.9	2
141	Green walls: A form of constructed wetland in green buildings. *Ecological Engineering*, **2021**, 169, 106321	3.9	7
140	Recent research challenges in constructed wetlands for wastewater treatment: A review. *Ecological Engineering*, **2021**, 169, 106318	3.9	28
139	Efficiency and plant indication of nitrogen and phosphorus removal in constructed wetlands: A field-scale study in a frost-free area. *Science of the Total Environment*, **2021**, 799, 149301	10.2	3
138	Global nitrogen input on wetland ecosystem: The driving mechanism of soil labile carbon and nitrogen on greenhouse gas emissions. *Environmental Science and Ecotechnology*, **2020**, 4, 100063	7.4	14
137	Constructed wetlands with subsurface flow for nitrogen removal from tile drainage. *Ecological Engineering*, **2020**, 155, 105943	3.9	11
136	Arbuscular mycorrhizal fungi colonization and physiological functions toward wetland plants under different water regimes. *Science of the Total Environment*, **2020**, 716, 137040	10.2	15
135	Constructed wetlands for landfill leachate treatment: A review. *Ecological Engineering*, **2020**, 146, 105725	3.9	45
134	Effects of loading rates and plant species on sludge characteristics in earthworm assistant sludge treatment wetlands. *Science of the Total Environment*, **2020**, 730, 139142	10.2	7
133	Field Study VI: The Effect of Loading Strategies on Removal Efficiencies of a Hybrid Constructed Wetland Treating Mixed Domestic and Agro-Industrial Wastewaters. *Applied Environmental Science and Engineering for A Sustainable Future*, **2020**, 395-409	0.5	
132	Species traits and decomposability predict water quality changes during litter submergence. *Science of the Total Environment*, **2020**, 712, 135581	10.2	1
131	Nanoplastics Disturb Nitrogen Removal in Constructed Wetlands: Responses of Microbes and Macrophytes. *Environmental Science & Technology*, **2020**, 54, 14007-14016	10.3	40
130	Antioxidant response in arbuscular mycorrhizal fungi inoculated wetland plant under Cr stress. *Environmental Research*, **2020**, 191, 110203	7.9	10
129	Removal of nutrients in constructed wetlands for wastewater treatment through plant harvesting Biomass and load matter the most. *Ecological Engineering*, **2020**, 155, 105962	3.9	24
128	Can subsurface flow constructed wetlands be applied in cold climate regions? A review of the current knowledge. *Ecological Engineering*, **2020**, 157, 105992	3.9	11
127	Critical Review: Biogeochemical Networking of Iron in Constructed Wetlands for Wastewater Treatment. *Environmental Science & Technology*, **2019**, 53, 7930-7944	10.3	48
126	Fluoride contamination, health problems and remediation methods in Asian groundwater: A comprehensive review. *Ecotoxicology and Environmental Safety*, **2019**, 182, 109362	7	120

125	Critical Review: Biogeochemical Networking of Iron, Is It Important in Constructed Wetlands for Wastewater Treatment?. *Environmental Science & Technology*, **2019**,	10.3	2
124	Greenhouse Gases Formation and Emission **2019**, 329-333		2
123	Constructed Wetlands for Wastewater Treatment **2019**, 14-21		15
122	Is removal of organics and suspended solids in horizontal sub-surface flow constructed wetlands sustainable for twenty and more years?. *Chemical Engineering Journal*, **2019**, 378, 122117	14.7	27
121	Treatment wetlands aeration efficiency: A review. *Ecological Engineering*, **2019**, 136, 62-67	3.9	19
120	Effect of earthworms and plants on the efficiency of vertical flow systems treating university wastewater. *Environmental Science and Pollution Research*, **2019**, 26, 10354-10362	5.1	14
119	Present restrictions of sewage sludge application in agriculture within the European Union. *Soil and Water Research*, **2019**, 14, 104-120	2.5	79
118	Comprehensive metagenomic analysis reveals the effects of silver nanoparticles on nitrogen transformation in constructed wetlands. *Chemical Engineering Journal*, **2019**, 358, 1552-1560	14.7	41
117	Capacity of various single-stage constructed wetlands to treat domestic sewage under optimal temperature in Guangzhou City, South China. *Ecological Engineering*, **2018**, 115, 35-44	3.9	31
116	Impacts of various filtration media on wastewater treatment and bioelectric production in up-flow constructed wetland combined with microbial fuel cell (UCW-MFC). *Ecological Engineering*, **2018**, 117, 120-132	3.9	63
115	Rethinking Intensification of Constructed Wetlands as a Green Eco-Technology for Wastewater Treatment. *Environmental Science & Technology*, **2018**, 52, 1693-1694	10.3	47
114	Removal of nutrients, organics and suspended solids in vegetated agricultural drainage ditch. *Ecological Engineering*, **2018**, 118, 97-103	3.9	43
113	Translocation, accumulation and bioindication of trace elements in wetland plants. *Science of the Total Environment*, **2018**, 631-632, 252-261	10.2	60
112	Carbon sequestration and nutrient accumulation in floodplain and depressional wetlands. *Ecological Engineering*, **2018**, 114, 137-145	3.9	26
111	Does clogging affect long-term removal of organics and suspended solids in gravel-based horizontal subsurface flow constructed wetlands?. *Chemical Engineering Journal*, **2018**, 331, 663-674	14.7	44
110	Constructed Wetlands for Water Quality Regulation **2018**, 1313-1320		1
109	Evaluation of macrophytes suitable for agriculture drainage treatment with respect to their carbon sequestration potential. *Ecological Engineering*, **2018**, 124, 31-37	3.9	4
108	Do Laboratory Scale Experiments Improve Constructed Wetland Treatment Technology?. *Environmental Science & Technology*, **2018**, 52, 12956-12957	10.3	14

107	Assessment of runoff nitrogen load reduction measures for agricultural catchments. *Open Geosciences*, **2018**, 10, 403-412	1.3	3
106	Occurrence and removal of ibuprofen and its metabolites in full-scale constructed wetlands treating municipal wastewater. *Ecological Engineering*, **2018**, 120, 1-5	3.9	23
105	Removal of acidic pharmaceuticals by small-scale constructed wetlands using different design configurations. *Science of the Total Environment*, **2018**, 639, 640-647	10.2	44
104	Treatment of a small stream impacted by agricultural drainage in a semi-constructed wetland. *Science of the Total Environment*, **2018**, 643, 52-62	10.2	15
103	A review on the main affecting factors of greenhouse gases emission in constructed wetlands. *Agricultural and Forest Meteorology*, **2017**, 236, 175-193	5.8	105
102	Seed bank of Littorella uniflora (L.) Asch. in the Czech Republic, Central Europe: does burial depth and sediment type influence seed germination?. *Hydrobiologia*, **2017**, 794, 347-358	2.4	5
101	The Use of Constructed Wetlands for Nitrogen Removal from Agricultural Drainage: a Review. *Scientia Agriculturae Bohemica*, **2017**, 48, 82-91	0.5	29
100	Compartmentalization of potentially hazardous elements in macrophytes: Insights into capacity and efficiency of accumulation. *Journal of Geochemical Exploration*, **2017**, 181, 22-30	3.8	33
99	Effects of tidal operation on pilot-scale horizontal subsurface flow constructed wetland treating sulfate rich wastewater contaminated by chlorinated hydrocarbons. *Environmental Science and Pollution Research*, **2017**, 24, 1042-1050	5.1	6
98	Dynamics of chloroacetanilide herbicides in various types of mesocosm wetlands. *Science of the Total Environment*, **2017**, 577, 386-394	10.2	25
97	Occurrence and removal of pharmaceuticals in four full-scale constructed wetlands in the Czech Republic – the first year of monitoring. *Ecological Engineering*, **2017**, 98, 354-364	3.9	94
96	Treatment of water contaminated by volatile organic compounds in hydroponic root mats. *Ecological Engineering*, **2017**, 98, 339-345	3.9	4
95	Occurrence of Pharmaceuticals in Wastewater and Their Interaction with Shallow Aquifers: A Case Study of Horní Bečkovice, Czech Republic. *Water (Switzerland)*, **2017**, 9, 218	3	18
94	Removal Efficiency of Constructed Wetland for Treatment of Agricultural Wastewaters. *Chemistry Journal of Moldova*, **2017**, 12, 45-52	0.9	9
93	Treatment of Chlorinated Benzenes in Different Pilot Scale Constructed Wetlands **2016**, 225-235		
92	Removal of saccharin from municipal sewage: The first results from constructed wetlands. *Chemical Engineering Journal*, **2016**, 306, 1067-1070	14.7	9
91	New nitrogen removal pathways in a full-scale hybrid constructed wetland proposed from high-throughput sequencing and isotopic tracing results. *Ecological Engineering*, **2016**, 97, 434-443	3.9	33
90	Accumulation of heavy metals in aboveground biomass of Phragmites australis in horizontal flow constructed wetlands for wastewater treatment: A review. *Chemical Engineering Journal*, **2016**, 290, 232-242	14.7	128

89	Concentration is not enough to evaluate accumulation of heavy metals and nutrients in plants. *Science of the Total Environment*, **2016**, 544, 495-8	10.2	69
88	Preliminary investigation on the effect of earthworm and vegetation for sludge treatment in sludge treatment reed beds system. *Environmental Science and Pollution Research*, **2016**, 23, 11957-63	5.1	25
87	Transformation of Chloroform in Constructed Wetlands **2016**, 237-245		
86	Constructed Wetlands for Water Quality Regulation **2016**, 1-8		1
85	Occurrence, removal and environmental risk assessment of pharmaceuticals and personal care products in rural wastewater treatment wetlands. *Science of the Total Environment*, **2016**, 566-567, 1660-1669	10.2	122
84	Preface: Wetlands biodiversity and processes: tools for conservation and management. *Hydrobiologia*, **2016**, 774, 1-5	2.4	6
83	Sulfate removal and sulfur transformation in constructed wetlands: The roles of filling material and plant biomass. *Water Research*, **2016**, 102, 572-581	12.5	65
82	Hydroponic root mats for wastewater treatment-a review. *Environmental Science and Pollution Research*, **2016**, 23, 15911-28	5.1	90
81	Occurrence and removal of estrogens, progesterone and testosterone in three constructed wetlands treating municipal sewage in the Czech Republic. *Science of the Total Environment*, **2015**, 536, 625-631	10.2	56
80	Does the Presence of Weedy Species Affect the Treatment Efficiency in Constructed Wetlands with Horizontal Subsurface Flow? **2015**, 315-321		
79	Evaluation of heavy metals seasonal accumulation in Phalaris arundinacea in a constructed treatment wetland. *Ecological Engineering*, **2015**, 79, 94-99	3.9	31
78	Heavy metals in plants in constructed and natural wetlands: concentration, accumulation and seasonality. *Water Science and Technology*, **2015**, 71, 268-76	2.2	20
77	Transformation of chloroform in model treatment wetlands: from mass balance to microbial analysis. *Environmental Science & Technology*, **2015**, 49, 6198-205	10.3	23
76	Multistage hybrid constructed wetland for enhanced removal of nitrogen. *Ecological Engineering*, **2015**, 84, 202-208	3.9	64
75	Comment on "Enhanced Long-Term Nitrogen Removal and Its Quantitative Molecular Mechanism in Tidal Flow Constructed Wetlands". *Environmental Science & Technology*, **2015**, 49, 11241-2	10.3	7
74	Effects of plant biomass on bacterial community structure in constructed wetlands used for tertiary wastewater treatment. *Ecological Engineering*, **2015**, 84, 38-45	3.9	75
73	Seasonal growth pattern of Phalaris arundinacea in constructed wetlands with horizontal subsurface flow. *Ecological Engineering*, **2015**, 80, 62-68	3.9	17
72	The use of constructed wetlands for removal of pesticides from agricultural runoff and drainage: a review. *Environment International*, **2015**, 75, 11-20	12.9	271

71	Nitrogen standing stock in Phragmites australis growing in constructed wetlands□Do we evaluate it correctly?. *Ecological Engineering*, **2015**, 74, 286-289	3.9	8
70	Constructed wetlands for boron removal: A review. *Ecological Engineering*, **2014**, 64, 350-359	3.9	65
69	Effects of cattail biomass on sulfate removal and carbon sources competition in subsurface-flow constructed wetlands treating secondary effluent. *Water Research*, **2014**, 59, 1-10	12.5	50
68	Effects of plant biomass on denitrifying genes in subsurface-flow constructed wetlands. *Bioresource Technology*, **2014**, 157, 341-5	11	65
67	Constructed wetlands for treatment of industrial wastewaters: A review. *Ecological Engineering*, **2014**, 73, 724-751	3.9	357
66	Long term treatment performance of constructed wetlands for wastewater treatment in mountain areas: Four case studies from the Czech Republic. *Ecological Engineering*, **2014**, 71, 578-583	3.9	23
65	Effects of plant biomass on nitrogen transformation in subsurface-batch constructed wetlands: a stable isotope and mass balance assessment. *Water Research*, **2014**, 63, 158-67	12.5	74
64	Competition of Phragmites australis and Phalaris arundinacea in constructed wetlands with horizontal subsurface flow □does it affect BOD5, COD and TSS removal?. *Ecological Engineering*, **2014**, 73, 53-57	3.9	14
63	Development of constructed wetlands in performance intensifications for wastewater treatment: a nitrogen and organic matter targeted review. *Water Research*, **2014**, 57, 40-55	12.5	391
62	LONG-TERM TREATMENT EFFICIENCY OF A HORIZONTAL SUBSURFACE FLOW CONSTRUCTED WETLAND AT JIMLIKOV, CZECH REPUBLIC. *Environmental Engineering and Management Journal*, **2014**, 13, 73-80	0.6	3
61	Retention of resources (metals, metalloids and rare earth elements) by autochthonously/allochthonously dominated wetlands: A review. *Ecological Engineering*, **2013**, 53, 106-114	3.9	24
60	Emergent plants used in free water surface constructed wetlands: A review. *Ecological Engineering*, **2013**, 61, 582-592	3.9	262
59	The use of hybrid constructed wetlands for wastewater treatment with special attention to nitrogen removal: a review of a recent development. *Water Research*, **2013**, 47, 4795-811	12.5	338
58	Iron and manganese in sediments of constructed wetlands with horizontal subsurface flow treating municipal sewage. *Ecological Engineering*, **2013**, 50, 69-75	3.9	19
57	Plants in constructed, restored and created wetlands. *Ecological Engineering*, **2013**, 61, 501-504	3.9	23
56	Vegetation development in subsurface flow constructed wetlands in the Czech Republic. *Ecological Engineering*, **2013**, 61, 575-581	3.9	20
55	Reconstruction of a constructed wetland with horizontal subsurface flow after 18 years of operation. *Water Science and Technology*, **2013**, 68, 1195-202	2.2	4
54	Restoration of areas affected by mining. *Ecological Engineering*, **2012**, 43, 1-4	3.9	13

53	Removal of alkali metals and their sequestration in plants in constructed wetlands treating municipal sewage. *Hydrobiologia*, **2012**, 692, 131-143	2.4	17
52	Constructed wetlands for wastewater treatment: five decades of experience. *Environmental Science & Technology*, **2011**, 45, 61-9	10.3	636
51	Plants used in constructed wetlands with horizontal subsurface flow: a review. *Hydrobiologia*, **2011**, 674, 133-156	2.4	395
50	Heavy metals in Phalaris arundinacea growing in a constructed wetland treating municipal sewage. *International Journal of Environmental Analytical Chemistry*, **2011**, 91, 753-767	1.8	6
49	Long-term performance of constructed wetlands with horizontal sub-surface flow: Ten case studies from the Czech Republic. *Ecological Engineering*, **2011**, 37, 54-63	3.9	81
48	A three-stage experimental constructed wetland for treatment of domestic sewage: First 2 years of operation. *Ecological Engineering*, **2011**, 37, 90-98	3.9	116
47	Enhancing ecosystem services on the landscape with created, constructed and restored wetlands. *Ecological Engineering*, **2011**, 37, 1-5	3.9	34
46	Nutrient Accumulation by Phragmites australis and Phalaris arundinacea Growing in Two Constructed Wetlands for Wastewater Treatment **2010**, 133-149		1
45	Constructed Wetlands in the Czech Republic: 20 Years of Experience **2010**, 169-178		1
44	Constructed Wetlands for Wastewater Treatment. *Water (Switzerland)*, **2010**, 2, 530-549	3	393
43	Heavy metals in sediments from constructed wetlands treating municipal wastewater. *Biogeochemistry*, **2010**, 101, 335-356	3.8	29
42	Can multiple harvest of aboveground biomass enhance removal of trace elements in constructed wetlands receiving municipal sewage?. *Ecological Engineering*, **2010**, 36, 939-945	3.9	42
41	Removal of organics in constructed wetlands with horizontal sub-surface flow: a review of the field experience. *Science of the Total Environment*, **2009**, 407, 3911-22	10.2	202
40	Horizontal sub-surface flow constructed wetlands Ond□ejov and Sp□en□Po□n the Czech Republic □15 years of operation. *Desalination*, **2009**, 246, 226-237	10.3	22
39	Trace elements in Phragmites australis growing in constructed wetlands for treatment of municipal wastewater. *Ecological Engineering*, **2009**, 35, 303-309	3.9	71
38	The use constructed wetlands with horizontal sub-surface flow for various types of wastewater. *Ecological Engineering*, **2009**, 35, 1-17	3.9	407
37	Removal of nitrogen in constructed wetlands with horizontal sub-sureface flow: a review. *Wetlands*, **2009**, 29, 1114-1124	1.7	38
36	Removal of trace elements in three horizontal sub-surface flow constructed wetlands in the Czech Republic. *Environmental Pollution*, **2009**, 157, 1186-94	9.3	115

35	Constructed wetlands with horizontal subsurface flow in the Czech Republic: Two long-term case studies. *Desalination and Water Treatment*, **2009**, 4, 40-44		5
34	Wastewater Treatment in Constructed Wetlands with Horizontal Sub-Surface Flow. *Environmental Pollution*, **2008**,	0	152
33	Nitrogen and phosphorus standing stock in Phalaris arundinacea and Phragmites australis in a constructed treatment wetland: 3-year study. *Archives of Agronomy and Soil Science*, **2008**, 54, 297-308	2	16
32	Plant Community Response to Long-Term N and P Fertilization. *Ecological Studies*, **2008**, 505-527	1.1	4
31	Is Concentration of Dissolved Oxygen a Good Indicator of Processes in Filtration Beds of Horizontal-Flow Constructed Wetlands? **2008**, 311-317		13
30	Sulfur Cycling in Constructed Wetlands **2008**, 329-344		6
29	Removal of nutrients in various types of constructed wetlands. *Science of the Total Environment*, **2007**, 380, 48-65	10.2	1701
28	Trace metals in Phragmites australis and Phalaris arundinacea growing in constructed and natural wetlands. *Science of the Total Environment*, **2007**, 380, 154-62	10.2	100
27	Removal of heavy metals in a horizontal sub-surface flow constructed wetland. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2005**, 40, 1369-79	2.3	27
26	Growth of Phragmites australis and Phalaris arundinacea in constructed wetlands for wastewater treatment in the Czech Republic. *Ecological Engineering*, **2005**, 25, 606-621	3.9	130
25	Horizontal sub-surface flow and hybrid constructed wetlands systems for wastewater treatment. *Ecological Engineering*, **2005**, 25, 478-490	3.9	590
24	Removal of enteric bacteria in constructed treatment wetlands with emergent macrophytes: a review. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2005**, 40, 1355-67	2.3	96
23	Removal of Phosphorus in Constructed Wetlands with Horizontal Sub-Surface Flow in the Czech Republic. *Water, Air and Soil Pollution*, **2004**, 4, 657-670		52
22	Removal of Phosphorus in Constructed Wetlands with Horizontal Sub-Surface Flow in the Czech Republic **2004**, 657-670		
21	The use of sub-surface constructed wetlands for wastewater treatment in the Czech Republic: 10 years experience. *Ecological Engineering*, **2002**, 18, 633-646	3.9	285
20	Removal of BOD in constructed wetlands with horizontal sub-surface flow: Czech experience. *Water Science and Technology*, **1999**, 40, 113	2.2	18
19	Microbial characteristics of constructed wetlands. *Water Science and Technology*, **1997**, 35, 117	2.2	58
18	Constructed wetlands for wastewater treatment in the Czech Republic the first 5 years experience. *Water Science and Technology*, **1996**, 34, 159-164	2.2	75

17	Subsurface horizontal-flow constructed wetlands for wastewater treatment: The Czech experience. *Wetlands Ecology and Management*, **1996**, 4, 199-206	2.1	6
16	Constructed wetlands for wastewater treatment in the Czech Republic the first 5 years experience. *Water Science and Technology*, **1996**, 34, 159	2.2	12
15	The use of subsurface-flow constructed wetlands for wastewater treatment in the Czech Republic. *Ecological Engineering*, **1996**, 7, 1-14	3.9	23
14	Constructed wetlands for wastewater treatment in the Czech Republic state of the art. *Water Science and Technology*, **1995**, 32, 357	2.2	10
13	Response of everglades plant communities to nitrogen and phosphorus additions. *Wetlands*, **1995**, 15, 258-271	1.7	106
12	SPECIES COMPOSITION, BIOMASS, AND NUTRIENT CONTENT OF PERIPHYTON IN THE FLORIDA EVERGLADES1. *Journal of Phycology*, **1995**, 31, 343-354	3	56
11	Uptake of lead, chromium, cadmium and cobalt by Cladophora glomerata. *Bulletin of Environmental Contamination and Toxicology*, **1990**, 44, 468-72	2.7	21
10	Toxicity and Accumulation of Lead with Respect to Algae and Cyanobacteria: A Review. *Clean - Soil, Air, Water*, **1990**, 18, 513-535		18
9	Uptake of Heavy Metals by Cladophora glomerata. *Clean - Soil, Air, Water*, **1990**, 18, 657-665		8
8	Size Fractions of Heavy Metals in Waters. *Clean - Soil, Air, Water*, **1989**, 17, 309-313		2
7	The use of periphyton communities for nutrient removal from polluted streams. *Hydrobiologia*, **1988**, 166, 225-237	2.4	29
6	Ammonium uptake and biomass interaction in Cladophora glomerata (Chlorophyta). *British Phycological Journal*, **1987**, 22, 163-167		2
5	Zn uptake by Cladophora glomerata. *Hydrobiologia*, **1987**, 148, 97-101	2.4	9
4	Toxicity and accumulation of cadmium with respect to algae and cyanobacteria: A review. *Toxicity Assessment*, **1987**, 2, 387-415		33
3	Occurrence and Chemistry of Zinc in Freshwaters its Toxicity and Bioaccumulation with Respect to Algae: A Review Part 2: Toxicity and Bioaccumulation with Respect to Algae. *Clean - Soil, Air, Water*, **1986**, 14, 83-102		5
2	Occurrence and Chemistry of Zinc in Freshwaters its Toxicity and Bioaccumulation with Respect to Algae: A Review. Part 1: Occurrence and Chemistry of Zinc in Freshwaters. *Clean - Soil, Air, Water*, **1985**, 13, 627-654		14
1	Short-term uptake of heavy metals by periphyton algae. *Hydrobiologia*, **1984**, 119, 171-179	2.4	43