Hans Brix

List of Publications by Year in descending order

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265 papers	17,028 citations	12330 69 h-index	19190 118 g-index
276 all docs	276 docs citations	276 times ranked	11335 citing authors

#	Article	IF	Citations
1	Cryptic lineages and potential introgression in a mixedâ€ploidy species (Phragmites australis) across temperate China. Journal of Systematics and Evolution, 2022, 60, 398-410.	3.1	16
2	The use of treatment wetlands plants for protein and cellulose valorization in biorefinery platform. Science of the Total Environment, 2022, 810, 152376.	8.0	7
3	Sustained Phosphorus Removal by Calcareous Materials in Long-Term (Two Years) Column Experiment. Water (Switzerland), 2022, 14, 682.	2.7	1
4	Microbial Electrochemically Assisted Treatment Wetlands: Current Flow Density as a Performance Indicator in Real-Scale Systems in Mediterranean and Northern European Locations. Frontiers in Microbiology, 2022, 13, 843135.	3.5	5
5	Enhanced degradation of hydrocarbons in constructed wetlands aided with nutrients, surfactant, and aeration. International Journal of Phytoremediation, 2022, 24, 1163-1172.	3.1	2
6	The Effect of Sol-Gel Coatings on the Phosphorus (P) Adsorption Capacity of Calcareous Materials for Use in Water Treatment. Water (Switzerland), 2022, 14, 3.	2.7	2
7	Effects of effluent recycle on treatment performance in a vertical flow constructed wetland. Ecological Engineering, 2022, 180, 106675.	3.6	3
8	Wastewater-Fertigated Short-Rotation Coppice, a Combined Scheme of Wastewater Treatment and Biomass Production: A State-of-the-Art Review. Forests, 2022, 13, 810.	2.1	6
9	Differences in relative air humidity affect responses to soil salinity in freshwater and salt marsh populations of the dominant grass species Phragmites australis. Hydrobiologia, 2021, 848, 3353-3369.	2.0	7
10	Intraspecific differences of Asian/Australian Phragmites australis subgroups reveal no potentially invasive traits. Hydrobiologia, 2021, 848, 3331-3351.	2.0	1
11	Phosphorus Recovery from Wastewater: Bioavailability of P Bound to Calcareous Material for Maize (Zea Mays L.) Growth. Recycling, 2021, 6, 25.	5.0	4
12	Transcriptome Analysis of Tetraploid and Octoploid Common Reed (Phragmites australis). Frontiers in Plant Science, 2021, 12, 653183.	3.6	5
13	Preface: Wetland ecosystemsâ€"functions and use in a changing climate. Hydrobiologia, 2021, 848, 3255-3258.	2.0	4
14	Shade and salinity responses of two dominant coastal wetland grasses: implications for light competition at the transition zone. Annals of Botany, 2021, 128, 469-480.	2.9	3
15	Investigating degradation metabolites and underlying pathway of azo dye â€œReactive Black 5â€•in bioaugmented floating treatment wetlands. Environmental Science and Pollution Research, 2021, 28, 65229-65242.	5.3	4
16	Simultaneous elimination of antibiotics resistance genes and dissolved organic matter in treatment wetlands: Characteristics and associated relationship. Chemical Engineering Journal, 2021, 415, 128966.	12.7	36
17	Potential Use of Plant Biomass from Treatment Wetland Systems for Producing Biofuels through a Biocrude Green-Biorefining Platform. Energies, 2021, 14, 8157.	3.1	3
18	A 3-Year In-Situ Measurement of CO2 Efflux in Coastal Wetlands: Understanding Carbon Loss through Ecosystem Respiration and its Partitioning. Wetlands, 2020, 40, 551-562.	1.5	2

#	Article	IF	Citations
19	Growth performance of tropical wetland species (Cyperus involucratus Rottb. and Thalia geniculata) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 143, 105667.	3.6	14
20	Relationship between Polycyclic Aromatic Hydrocarbons in Sediments and Invertebrates of Natural and Artificial Stormwater Retention Ponds. Water (Switzerland), 2020, 12, 2020.	2.7	3
21	Nutrient removal potential and biomass production by Phragmites australis and Typha latifolia on European rewetted peat and mineral soils. Science of the Total Environment, 2020, 747, 141102.	8.0	28
22	In-Situ CO2 Partitioning Measurements in a Phragmites australis Wetland: Understanding Carbon Loss through Ecosystem Respiration. Wetlands, 2020, 40, 901-914.	1.5	4
23	Phylogenetic diversity shapes salt tolerance in Phragmites australis estuarine populations in East China. Scientific Reports, 2020, 10, 17645.	3.3	14
24	Negative Feedback by Vegetation on Soil Organic Matter Decomposition in a Coastal Wetland. Wetlands, 2020, 40, 2785-2797.	1.5	3
25	Interactive Effects of N Form and P Concentration on Growth and Tissue Composition of Hybrid Napier Grass (Pennisetum purpureum Ã— Pennisetum americanum). Plants, 2020, 9, 1003.	3.5	2
26	Suitability of Wild Phragmites australis as Bio-Resource: Tissue Quality and Morphology of Populations from Three Continents. Resources, 2020, 9, 143.	3.5	4
27	Growth and photosynthetic acclimation to temperature in hybrid Napier grass (Pennisetum) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 103232.	1.6	0
28	Constructed Wetlands in Latin America and the Caribbean: A Review of Experiences during the Last Decade. Water (Switzerland), 2020, 12, 1744.	2.7	24
29	Biomethane Yield from Different European Phragmites australis Genotypes, Compared with Other Herbaceous Wetland Species Grown at Different Fertilization Regimes. Resources, 2020, 9, 57.	3.5	9
30	Community level physiological profiling of microbial electrochemical-based constructed wetlands. Science of the Total Environment, 2020, 721, 137761.	8.0	19
31	Intraspecific variation in Phragmites australis: Clinal adaption of functional traits and phenotypic plasticity vary with latitude of origin. Journal of Ecology, 2020, 108, 2531-2543.	4.0	38
32	Crushed Autoclaved Aerated Concrete (CAAC), a Potential Reactive Filter Medium for Enhancing Phosphorus Removal in Nature-Based Solutionsâ€"Preliminary Batch Studies. Water (Switzerland), 2019, 11, 1442.	2.7	9
33	Enhanced removal of pharmaceuticals in a biofilter: Effects of manipulating co-degradation by carbon feeding. Chemosphere, 2019, 236, 124303.	8.2	45
34	Large-scale remediation of oil-contaminated water using floating treatment wetlands. Npj Clean Water, 2019, 2, .	8.0	91
35	Critical Review: Biogeochemical Networking of Iron in Constructed Wetlands for Wastewater Treatment. Environmental Science & Technology, 2019, 53, 7930-7944.	10.0	90
36	Evidence does not support the targeting of cryptic invaders at the subspecies level using classical biological control: the example of Phragmites. Biological Invasions, 2019, 21, 2529-2541.	2.4	11

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37	Critical Review: Biogeochemical Networking of Iron, Is It Important in Constructed Wetlands for Wastewater Treatment?. Environmental Science & Technology, 2019, , .	10.0	3
38	Assessing nutrient responses and biomass quality for selection of appropriate paludiculture crops. Science of the Total Environment, 2019, 664, 1150-1161.	8.0	20
39	Cork as a sustainable carbon source for nature-based solutions treating hydroponic wastewaters â€“ Preliminary batch studies. Science of the Total Environment, 2019, 650, 267-276.	8.0	28
40	Impact of engineered nanoparticles on microbial transformations of carbon, nitrogen, and phosphorus in wastewater treatment processes â€“ A review. Science of the Total Environment, 2019, 660, 1144-1154.	8.0	24
41	Side-by-side comparison of 15 pilot-scale conventional and intensified subsurface flow wetlands for treatment of domestic wastewater. Science of the Total Environment, 2019, 658, 1500-1513.	8.0	46
42	Electroactive biofilm-based constructed wetland (EABB-CW): A mesocosm-scale test of an innovative setup for wastewater treatment. Science of the Total Environment, 2019, 659, 796-806.	8.0	60
43	Characterization of Hydrocarbon-Degrading Bacteria in Constructed Wetland Microcosms Used to Treat Crude Oil Polluted Water. Bulletin of Environmental Contamination and Toxicology, 2019, 102, 358-364.	2.7	20
44	Microbial community metabolic profiles in saturated constructed wetlands treating iohexol and ibuprofen. Science of the Total Environment, 2019, 651, 1926-1934.	8.0	23
45	Physiology of a plant invasion. Preslia, 2019, 91, 51-75.	2.8	25
46	Living in two worlds: Evolutionary mechanisms act differently in the native and introduced ranges of an invasive plant. Ecology and Evolution, 2018, 8, 2440-2452.	1.9	17
47	Rethinking Intensification of Constructed Wetlands as a Green Eco-Technology for Wastewater Treatment. Environmental Science & Technology, 2018, 52, 1693-1694.	10.0	69
48	Impacts of design configuration and plants on the functionality of the microbial community of mesocosm-scale constructed wetlands treating ibuprofen. Water Research, 2018, 131, 228-238.	11.3	48
49	Small genome separates native and invasive populations in an ecologically important cosmopolitan grass. Ecology, 2018, 99, 79-90.	3.2	54
50	Removal of the pesticide tebuconazole in constructed wetlands: Design comparison, influencing factors and modelling. Environmental Pollution, 2018, 233, 71-80.	7.5	62
51	Phytoremediation Potential of Typha orientalis and Scirpus littoralis in Removal of Nitrogen and Phosphorus from Intensive Whiteleg Shrimp Wastewater. E3S Web of Conferences, 2018, 68, 04003.	0.5	2
52	Carbon sequestration and its controlling factors in the temperate wetland communities along the Bohai Sea, China. Marine and Freshwater Research, 2018, 69, 700.	1.3	5
53	Comparison of removal efficiency of pathogenic microbes in four types of wastewater treatment systems in Denmark. Ecological Engineering, 2018, 124, 1-6.	3.6	19
54	New insights into the effects of support matrix on the removal of organic micro-pollutants and the microbial community in constructed wetlands. Environmental Pollution, 2018, 240, 699-708.	7.5	31

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55	Methodologies for the analysis of pesticides and pharmaceuticals in sediments and plant tissue. Analytical Methods, 2018, 10, 3791-3803.	2.7	1
56	Treatment of Anaerobic Digester Effluent Using Acorus calamus: Effects on Plant Growth and Tissue Composition. Plants, 2018, 7, 36.	3.5	6
57	Minimum Fe requirement and toxic tissue concentration of Fe in Phragmites australis: A tool for alleviating Fe-deficiency in constructed wetlands. Ecological Engineering, 2018, 118, 152-160.	3.6	11
58	Microbial Electrochemical Technologies for Wastewater Treatment: Principles and Evolution from Microbial Fuel Cells to Bioelectrochemical-Based Constructed Wetlands. Water (Switzerland), 2018, 10, 1128.	2.7	91
59	Ibuprofen and iohexol removal in saturated constructed wetland mesocosms. Ecological Engineering, 2017, 98, 394-402.	3.6	48
60	Effects of soil type and water saturation on growth, nutrient and mineral content of the perennial forage shrub Sesbania sesban. Agroforestry Systems, 2017, 91, 173-184.	2.0	2
61	Assessment of culturable bacterial endophytic communities colonizing Canna flaccida inhabiting a wastewater treatment constructed wetland. Ecological Engineering, 2017, 98, 418-426.	3.6	25
62	Effects of recirculation rates on water quality and Oreochromis niloticus growth in aquaponic systems. Aquacultural Engineering, 2017, 78, 95-104.	3.1	35
63	Ammonium and nitrate are both suitable inorganic nitrogen forms for the highly productive wetland grass Arundo donax , a candidate species for wetland paludiculture. Ecological Engineering, 2017, 105, 379-386.	3.6	24
64	Constructed wetlands and solar-driven disinfection technologies for sustainable wastewater treatment and reclamation in rural India: SWINGS project. Water Science and Technology, 2017, 76, 1474-1489.	2.5	33
65	Enantioselective uptake, translocation and degradation of the chiral pesticides tebuconazole and imazalil by Phragmites australis. Environmental Pollution, 2017, 229, 362-370.	7.5	59
66	Functionality of microbial communities in constructed wetlands used for pesticide remediation: Influence of system design and sampling strategy. Water Research, 2017, 110, 241-251.	11.3	82
67	Effects of constructed wetland design on ibuprofen removal â€“ A mesocosm scale study. Science of the Total Environment, 2017, 609, 38-45.	8.0	64
68	Phylogeography reveals a potential cryptic invasion in the Southern Hemisphere of Ceratophyllum demersum, New Zealandâ€™s worst invasive macrophyte. Scientific Reports, 2017, 7, 16569.	3.3	7
69	Global networks for invasion science: benefits, challenges and guidelines. Biological Invasions, 2017, 19, 1081-1096.	2.4	44
70	Microbial community metabolic function in constructed wetland mesocosms treating the pesticides imazalil and tebuconazole. Ecological Engineering, 2017, 98, 378-387.	3.6	32
71	Cosmopolitan Species As Models for Ecophysiological Responses to Global Change: The Common Reed Phragmites australis. Frontiers in Plant Science, 2017, 8, 1833.	3.6	123
72	Sludge Dewatering and Mineralization in Sludge Treatment Reed Beds. Water (Switzerland), 2017, 9, 160.	2.7	46

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73	Constructed Wetlands for Water Treatment: New Developments. Water (Switzerland), 2017, 9, 397.	2.7	40
74	Acclimation to light and avoidance of photoinhibition in Typha latifolia is associated with high photosynthetic capacity and xanthophyll pigment content. Functional Plant Biology, 2017, 44, 774.	2.1	4
75	Hybrid Napier grass as a candidate species for bio-energy in plant-based water treatment systems: Interactive effects of nitrogen and water depth. Aquatic Botany, 2017, 138, 82-91.	1.6	14
76	á°¢nh hÆ°á»Ÿng dá°¡ng Ä‘á°¡m vÃ´ cÆ¡ lÃªn khá°£ nÄƒng sinh trÆ°á»Ÿng vÃ xÆ°Ì‰ lyÌ•Ä‘á°¡m cá»§a cá»•má»“m má»¡ (Hymenachne acu Hoc = Journal of Science, 2017, MÃî trÆ°á»ng 2017, 100.	0.1	0
77	Influence of low calcium availability on cadmium uptake and translocation in a fast-growing shrub and a metal-accumulating herb. AoB PLANTS, 2016, 8, .	2.3	33
78	Multilayer Substrate Configuration Enhances Removal Efficiency of Pollutants in Constructed Wetlands. Water (Switzerland), 2016, 8, 556.	2.7	7
79	Phragmites australis: How do genotypes of different phylogeographic origins differ from their invasive genotypes in growth, nitrogen allocation and gas exchange?. Biological Invasions, 2016, 18, 2563-2576.	2.4	16
80	Microbial density and diversity in constructed wetland systems and the relation to pollutant removal efficiency. Water Science and Technology, 2016, 73, 679-686.	2.5	19
81	Do ploidy level and nuclear genome size and latitude of origin modify the expression of Phragmites australis traits and interactions with herbivores?. Biological Invasions, 2016, 18, 2531-2549.	2.4	44
82	Phenotypic traits of the Mediterranean Phragmites australis M1 lineage: differences between the native and introduced ranges. Biological Invasions, 2016, 18, 2551-2561.	2.4	11
83	Removal of the pesticides imazalil and tebuconazole in saturated constructed wetland mesocosms. Water Research, 2016, 91, 126-136.	11.3	70
84	Phytoremediation of imazalil and tebuconazole by four emergent wetland plant species in hydroponic medium. Chemosphere, 2016, 148, 459-466.	8.2	68
85	Impact of aeration on macrophyte establishment in sub-surface constructed wetlands used for tertiary treatment of sewage. Ecological Engineering, 2016, 91, 65-73.	3.6	17
86	The interactive effect of Juncus effusus and water table position on mesocosm methanogenesis and methane emissions. Plant and Soil, 2016, 400, 45-54.	3.7	24
87	Removal of the pharmaceuticals ibuprofen and iohexol by four wetland plant species in hydroponic culture: plant uptake and microbial degradation. Environmental Science and Pollution Research, 2016, 23, 2890-2898.	5.3	62
88	Inter-Annual Variability of Area-Scaled Gaseous Carbon Emissions from Wetland Soils in the Liaohe Delta, China. PLoS ONE, 2016, 11, e0160612.	2.5	15
89	Ecosystem Service Value for the Common Reed Wetlands in the Liaohe Delta, Northeast China. Open Journal of Ecology, 2016, 06, 129-137.	1.0	14
90	Design and performance evaluation of a highly loaded aerated treatment wetland managing effluents from a food processing industry in Denmark. Water Practice and Technology, 2015, 10, 644-651.	2.0	4

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91	Gas Transport and Exchange through Wetland Plant Aerenchyma. Soil Science Society of America Book Series, 2015, , 177-196.	0.3	2
92	Factors influencing CO₂ and CH₄ emissions from coastal wetlands in the Liaohe Delta, Northeast China. Biogeosciences, 2015, 12, 4965-4977.	3.3	72
93	Does <i>Juncus effusus</i> enhance methane emissions from grazed pastures on peat?. Biogeosciences, 2015, 12, 5667-5676.	3.3	7
94	Using Greenâ€™s Functions to initialize and adjust a global, eddying ocean biogeochemistry general circulation model. Ocean Modelling, 2015, 95, 1-14.	2.4	22
95	Constructed wetland with a polyculture of ornamental plants for wastewater treatment at a rural tourism facility. Ecological Engineering, 2015, 79, 1-7.	3.6	74
96	Treatment of industrial effluents in constructed wetlands: Challenges, operational strategies and overall performance. Environmental Pollution, 2015, 201, 107-120.	7.5	166
97	Invasive submerged freshwater macrophytes are more plastic in their response to light intensity than to the availability of free CO₂ in airâ€equilibrated water. Freshwater Biology, 2015, 60, 929-943.	2.4	19
98	Use of planted biofilters in integrated recirculating aquaculture-hydroponics systems in the Mekong Delta, Vietnam. Aquaculture Research, 2014, 45, 460-469.	1.8	40
99	Increased invasive potential of nonâ€native Phragmites australis: elevated <scp><scp>CO₂</scp></scp> and temperature alleviate salinity effects on photosynthesis and growth. Global Change Biology, 2014, 20, 531-543.	9.5	51
100	Development of constructed wetlands inÂperformance intensifications for wastewater treatment: A nitrogen and organic matter targeted review. Water Research, 2014, 57, 40-55.	11.3	489
101	Microbial communities from different types of natural wastewater treatment systems: Vertical and horizontal flow constructed wetlands and biofilters. Water Research, 2014, 55, 304-312.	11.3	170
102	A review of plantâ€“pharmaceutical interactions: from uptake and effects in crop plants to phytoremediation in constructed wetlands. Environmental Science and Pollution Research, 2014, 21, 11729-11763.	5.3	229
103	Closely related freshwater macrophyte species, <scp>C</scp>eratophyllum demersum and <scp>C</scp>.Âsubmersum, differ in temperature response. Freshwater Biology, 2014, 59, 777-788.	2.4	7
104	Emissions of CO2 and CH4 from sludge treatment reed beds depend on system management and sludge loading. Journal of Environmental Management, 2014, 141, 51-60.	7.8	16
105	Effects of inorganic nitrogen form on growth, morphology, N uptake, and nutrient allocation in hybrid Napier grass (Pennisetum purpureum Ã— Pennisetum americanum cv. Pakchong1). Ecological Engineering, 2014, 73, 653-658.	3.6	15
106	Large-scale management of common reed, Phragmites australis, for paper production: A case study from the Liaohe Delta, China. Ecological Engineering, 2014, 73, 760-769.	3.6	81
107	Ammonium tolerance and toxicity of Actinoscirpus grossus â€“ A candidate species for use in tropical constructed wetland systems. Ecotoxicology and Environmental Safety, 2014, 107, 319-328.	6.0	13
108	Can differences in salinity tolerance explain the distribution of four genetically distinct lineages of Phragmites australis in the Mississippi River Delta?. Hydrobiologia, 2014, 737, 5-23.	2.0	24

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109	SWS European Chapter Meeting on wetland restorationâ€"Challenges and opportunities. Ecological Engineering, 2014, 66, 1-5.	3.6	3
110	Distribution of metals in fauna, flora and sediments of wet detention ponds and natural shallow lakes. Ecological Engineering, 2014, 66, 43-51.	3.6	24
111	Preadaptation and postâ€introduction evolution facilitate the invasion of Phragmites australis in North America. Ecology and Evolution, 2014, 4, 4567-4577.	1.9	38
112	Expression of major photosynthetic and saltâ€resistance genes in invasive reed lineages grown under elevated <scp>CO</scp>₂ and temperature. Ecology and Evolution, 2014, 4, 4161-4172.	1.9	10
113	Monitoring the Short-Term Response to Salt Exposure of Two Genetically Distinct <i>Phragmites australis</i> Clones with Different Salinity Tolerance Levels. American Journal of Plant Sciences, 2014, 05, 1098-1109.	0.8	4
114	Sources and preservation of organic matter in soils of the wetlands in the Liaohe (Liao River) Delta, North China. Marine Pollution Bulletin, 2013, 71, 276-285.	5.0	26
115	Interactive effects of nitrogen form and pH on growth, morphology, N uptake and mineral contents of Coix lacryma-jobi L.. Aquatic Botany, 2013, 111, 144-149.	1.6	19
116	Can root exudates from emergent wetland plants fuel denitrification in subsurface flow constructed wetland systems?. Ecological Engineering, 2013, 61, 555-563.	3.6	157
117	Modeling the eutrophication of two mature planted stormwater ponds for runoff control. Ecological Engineering, 2013, 61, 601-613.	3.6	11
118	Escherichia coli removal and internal dynamics in subsurface flow ecotechnologies: Effects of design and plants. Ecological Engineering, 2013, 61, 564-574.	3.6	73
119	Nitrogen nutrition of Cyperus laevigatus and Phormium tenax: Effects of ammonium versus nitrate on growth, nitrate reductase activity and N uptake kinetics. Aquatic Botany, 2013, 106, 42-51.	1.6	40
120	Invasion of Old World <scp>P</scp>hragmites australis in the New World: precipitation and temperature patterns combined with human influences redesign the invasive niche. Global Change Biology, 2013, 19, 3406-3422.	9.5	59
121	Comparative analysis of constructed wetlands: The design and construction of the ecotechnology research facility in Langenreichenbach, Germany. Ecological Engineering, 2013, 61, 527-543.	3.6	88
122	Oxygen transfer and consumption in subsurface flow treatment wetlands. Ecological Engineering, 2013, 61, 544-554.	3.6	148
123	Wetlands, carbon, and climate change. Landscape Ecology, 2013, 28, 583-597.	4.2	727
124	Interactive effects of elevated temperature and CO2 on two phylogeographically distinct clones of common reed (Phragmites australis). AoB PLANTS, 2013, 5, .	2.3	18
125	Photosynthesis of co-existing Phragmites haplotypes in their non-native range: are characteristics determined by adaptations derived from their native origin?. AoB PLANTS, 2013, 5, .	2.3	14
126	Response to multiâ€generational selection under elevated [<scp>CO</scp>₂] in two temperature regimes suggests enhanced carbon assimilation and increased reproductive output in <scp>B</scp>rassica napus L.. Ecology and Evolution, 2013, 3, 1163-1172.	1.9	14

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127	Differences in salinity tolerance of genetically distinct Phragmites australis clones. AoB PLANTS, 2013, 5, .	2.3	38
128	Sorption Media for Stormwater Treatmentâ€"A Laboratory Evaluation of Five Lowâ€Cost Media for Their Ability to Remove Metals and Phosphorus from Artificial Stormwater. Water Environment Research, 2012, 84, 605-616.	2.7	23
129	Phenotypic traits of Phragmites australis clones are not related to ploidy level and distribution range. AoB PLANTS, 2012, 2012, pls017.	2.3	24
130	Regression analysis of growth responses to water depth in three wetland plant species. AoB PLANTS, 2012, 2012, pls043-pls043.	2.3	12
131	Tracing the origin of Gulf Coast Phragmites (Poaceae): A story of longâ€distance dispersal and hybridization. American Journal of Botany, 2012, 99, 538-551.	1.7	113
132	Exploring the borders of European Phragmites within a cosmopolitan genus. AoB PLANTS, 2012, 2012, pls020.	2.3	61
133	Growth and morphology in relation to temperature and light availability during the establishment of three invasive aquatic plant species. Aquatic Botany, 2012, 102, 56-64.	1.6	106
134	Internal methane transport through <scp>J</scp>uncus effusus: experimental manipulation of morphological barriers to test aboveâ€and belowâ€ground diffusion limitation. New Phytologist, 2012, 196, 799-806.	7.3	42
135	Gas exchange and growth responses to nutrient enrichment in invasive Glyceria maxima and native New Zealand Carex species. Aquatic Botany, 2012, 103, 37-47.	1.6	7
136	Different genotypes of Phragmites australis show distinct phenotypic plasticity in response to nutrient availability and temperature. Aquatic Botany, 2012, 103, 89-97.	1.6	42
137	Improved urban stormwater treatment and pollutant removal pathways in amended wet detention ponds. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2012, 47, 1466-1477.	1.7	30
138	Musk fragrances, DEHP and heavy metals in a 20 years old sludge treatment reed bed system. Water Research, 2012, 46, 3889-3896.	11.3	46
139	Effects of inorganic nitrogen forms on growth, morphology, nitrogen uptake capacity and nutrient allocation of four tropical aquatic macrophytes (Salvinia cucullata, Ipomoea aquatica, Cyperus) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.6	64
140	Intraspecies differences in phenotypic plasticity: Invasive versus non-invasive populations of Ceratophyllum demersum. Aquatic Botany, 2012, 97, 49-56.	1.6	31
141	Response of Salvinia cucullata to high NH4+ concentrations at laboratory scales. Ecotoxicology and Environmental Safety, 2012, 79, 69-74.	6.0	21
142	Characteristics of biosolids from sludge treatment wetlands for agricultural reuse. Ecological Engineering, 2012, 40, 210-216.	3.6	52
143	Carbon footprint of sludge treatment reed beds. Ecological Engineering, 2012, 44, 298-302.	3.6	29
144	Toxicity of High Salinity Tannery Wastewater and Effects on Constructed Wetland Plants. International Journal of Phytoremediation, 2012, 14, 669-680.	3.1	16

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145	Evaluation of aquatic plants for removing polar microcontaminants: A microcosm experiment. Chemosphere, 2012, 88, 1257-1264.	8.2	142
146	Occurrence and behavior of emerging contaminants in surface water and a restored wetland. Chemosphere, 2012, 88, 1083-1089.	8.2	126
147	Environment versus dispersal in the assembly of western Amazonian palm communities. Journal of Biogeography, 2012, 39, 1318-1332.	3.0	61
148	Use of constructed wetland systems with Arundo and Sarcocornia for polishing high salinity tannery wastewater. Journal of Environmental Management, 2012, 95, 66-71.	7.8	143
149	Geographically distinct Ceratophyllum demersum populations differ in growth, photosynthetic responses and phenotypic plasticity to nitrogen availability. Functional Plant Biology, 2012, 39, 774.	2.1	8
150	Plasticity in carbon acquisition of the heterophyllous Luronium natans: An endangered freshwater species in Europe. Aquatic Botany, 2011, 94, 127-133.	1.6	9
151	Treatment of fishpond water by recirculating horizontal and vertical flow constructed wetlands in the tropics. Aquaculture, 2011, 313, 57-64.	3.5	71
152	Do tropical wetland plants possess convective gas flow mechanisms?. New Phytologist, 2011, 190, 379-386.	7.3	34
153	Increased [CO2] does not compensate for negative effects on yield caused by higher temperature and [O3] in Brassica napus L.. European Journal of Agronomy, 2011, 35, 127-134.	4.1	47
154	The flower and the butterfly constructed wetland system at Koh Phi Phiâ€"System design and lessons learned during implementation and operation. Ecological Engineering, 2011, 37, 729-735.	3.6	50
155	Treatment of high-strength wastewater in tropical constructed wetlands planted with Sesbania sesban: Horizontal subsurface flow versus vertical downflow. Ecological Engineering, 2011, 37, 711-720.	3.6	91
156	Elimination and accumulation of polycyclic aromatic hydrocarbons in urban stormwater wet detention ponds. Water Science and Technology, 2011, 64, 818-825.	2.5	11
157	Can differences in phosphorus uptake kinetics explain the distribution of cattail and sawgrass in the Florida Everglades?. BMC Plant Biology, 2010, 10, 23.	3.6	13
158	Kinetics of pollutant removal from domestic wastewater in a tropical horizontal subsurface flow constructed wetland system: Effects of hydraulic loading rate. Ecological Engineering, 2010, 36, 527-535.	3.6	144
159	Filter bed systems treating domestic wastewater in the Nordic countries â€“ Performance and reuse of filter media. Ecological Engineering, 2010, 36, 1651-1659.	3.6	73
160	Genetic diversity in three invasive clonal aquatic species in New Zealand. BMC Genetics, 2010, 11, 52.	2.7	47
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