

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.

97 papers	690 citations	14 h-index	20 g-index
102 ext. papers	799 ext. citations	2.6 avg, IF	4.5 L-index

#	Paper	IF	Citations
97	Cyclic Behavior of <i>Lycorma delicatula</i> (Insecta: Hemiptera: Fulgoridae) on Host Plants. <i>Journal of Insect Behavior</i> , 2011 , 24, 423-435	1.1	56
96	The paleoecological record of human disturbance in wetlands of the Lake Tahoe Basin 2001 , 25, 437-454		32
95	The optimal balance between sexual and asexual reproduction in variable environments: a systematic review. <i>Journal of Ecology and Environment</i> , 2016 , 40,	2	26
94	Microbial Community and Greenhouse Gas Fluxes from Abandoned Rice Paddies with Different Vegetation. <i>Microbial Ecology</i> , 2016 , 72, 692-703	4.4	24
93	The influence of black locust (<i>Robinia pseudoacacia</i>) flower and leaf fall on soil phosphate. <i>Plant and Soil</i> , 2011 , 341, 269-277	4.2	22
92	Recent history of sediment deposition in marl- and sand-based marshes of Belize, Central America. <i>Catena</i> , 2002 , 48, 267-291	5.8	22
91	Implications of a sediment-chemistry study on subalpine marsh conservation in the Lake Tahoe Basin, USA. <i>Wetlands</i> , 2001 , 21, 379-394	1.7	20
90	Effects of water level and soil type on the survival and growth of <i>Persicaria thunbergii</i> during early growth stages. <i>Ecological Engineering</i> , 2013 , 61, 90-93	3.9	19
89	The relationship of vegetation to environmental factors in Wangsuk stream and Gwarim reservoir in Korea: II. Soil environments. <i>Ecological Research</i> , 2007 , 22, 75-86	1.9	18
88	Response of sediment chemistry and accumulation rates to recent environmental changes in the Clear Lake watershed, California, USA. <i>Wetlands</i> , 2003 , 23, 95-103	1.7	18
87	Relationship between early development of plant community and environmental condition in abandoned paddy terraces at mountainous valleys in Korea. <i>Journal of Ecology and Environment</i> , 2013 , 36, 131-140	2	17
86	Occupational strategy of <i>Persicaria thunbergii</i> in riparian area: Rapid recovery after harsh flooding disturbance 2012 , 55, 226-232		15
85	Effects of flooding regime on wetland plant growth and species dominance in a mesocosm experiment. <i>Plant Ecology</i> , 2017 , 218, 517-527	1.7	14
84	Floating mat as a habitat of <i>Cicuta virosa</i> , a vulnerable hydrophyte. <i>Landscape and Ecological Engineering</i> , 2015 , 11, 111-117	2	14
83	Effects of interspecific competition on the growth and competitiveness of five emergent macrophytes in a constructed lentic wetland. <i>Paddy and Water Environment</i> , 2014 , 12, 193-202	1.6	14
82	Decomposition of macrophytes and dynamics of enzyme activities in subalpine marshes in Lake Tahoe basin, U.S.A.. <i>Plant and Soil</i> , 2005 , 266, 303-313	4.2	14
81	The influence of water characteristics on the aquatic insect and plant assemblage in small irrigation ponds in Civilian Control Zone, Korea. <i>Journal of Wetlands Research</i> , 2016 , 18, 331-341		14

80	Nannophya pygmaea (Odonata: Libellulidae), an endangered dragonfly in Korea, prefers abandoned paddy fields in the early seral stage. <i>Environmental Entomology</i> , 2010 , 39, 278-85	2.1	13
79	Flooding effects on seed production of the amphicarpic plant <i>Persicaria thunbergii</i> . <i>Aquatic Botany</i> , 2014 , 119, 15-19	1.8	12
78	Effects of soil fertility on early development of wetland vegetation from soil seed bank: Focusing on biomass production and plant species diversity 2017 , 60, 241-248		11
77	Occupational strategy of runner reed (<i>Phragmites japonica</i>): Change of growth patterns with developmental aging. <i>Aquatic Botany</i> , 2012 , 97, 30-34	1.8	11
76	Assessment of recent industrialization in wetlands near Ulsan, Korea. <i>Journal of Paleolimnology</i> , 2005 , 33, 433-444	2.1	11
75	Advantages of amphicarpy of <i>Persicaria thunbergii</i> in the early life history. <i>Aquatic Botany</i> , 2015 , 121, 33-38	1.8	10
74	Uptake of Cadmium, Copper, Lead, and Zinc from Sediments by an Aquatic Macrophyte and by Terrestrial Arthropods in a Freshwater Wetland Ecosystem. <i>Archives of Environmental Contamination and Toxicology</i> , 2016 , 71, 198-209	3.2	9
73	<i>Humulus japonicus</i> Accelerates the Decomposition of <i>Miscanthus sacchariflorus</i> and <i>Phragmites australis</i> in a Floodplain 2009 , 52, 466-474		9
72	Decomposition of <i>Carex</i> and <i>Nuphar</i> plants in a subalpine marsh 2001 , 44, 73-80		9
71	Effects of nutrient availability on the amphicarpic traits of <i>Persicaria thunbergii</i> . <i>Aquatic Botany</i> , 2016 , 131, 45-50	1.8	9
70	Seasonal variations of metal (Cd, Pb, Mn, Cu, Zn) accumulation in a voluntary species, <i>Salix subfragilis</i> , in unpolluted wetlands. <i>Science of the Total Environment</i> , 2018 , 610-611, 1210-1221	10.2	8
69	Effects of initial density, nutrient, and water level regime on the seedling survival and growth of <i>Typha orientalis</i> Presl 2016 , 59, 369-376		8
68	Ecotypic differentiation in seed and seedling morphology and physiology among <i>Cicuta virosa</i> populations. <i>Aquatic Botany</i> , 2013 , 111, 74-80	1.8	8
67	Using soil seed banks for ecological education in primary school. <i>Journal of Biological Education</i> , 2011 , 45, 93-101	0.9	8
66	A 2000-year environmental history of the Upo Wetland on the Korean Peninsula. <i>Journal of Paleolimnology</i> , 2010 , 44, 189-202	2.1	8
65	The Ecological Characteristics and Conservation Counterplan of <i>Menyanthes trifoliata</i> Habitat in Floating Mat in Korean East Coastal Lagoon, Sunyoodam. <i>Journal of Wetlands Research</i> , 2013 , 15, 25-34		8
64	Optimal environmental range for <i>Juncus effusus</i> , an important plant species in an endangered insect species (<i>Nannopya pygmaea</i>) habitat in Korea. <i>Journal of Ecology and Environment</i> , 2011 , 34, 223-235		8
63	Analyses of benthic macroinvertebrate colonization during the early successional phases of created wetlands in temperate Asia. <i>Fundamental and Applied Limnology</i> , 2014 , 184, 35-49	1.9	7

62	The life history strategy of <i>Penthorum chinense</i> : Implication for the restoration of early successional species. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2017 , 233, 109-117	1.9	6
61	Inhabitation Characteristics of <i>Sphagnum palustre</i> in Abandoned Paddy Terrace Wetland: a Case Report in Ansan. <i>Journal of Wetlands Research</i> , 2013 , 15, 71-78		6
60	Comparison of environmental characteristics at <i>Cicuta virosa</i> habitats, an endangered species in South Korea. <i>Journal of Ecology and Environment</i> , 2013 , 36, 19-29	2	6
59	Role and effects of winter buds and rhizome morphology on the survival and growth of common reed (<i>Phragmites australis</i>). <i>Paddy and Water Environment</i> , 2014 , 12, 203-209	1.6	5
58	Habitat characteristics of sweet flag (<i>Acorus calamus</i>) and their relationships with sweet flag biomass. <i>Landscape and Ecological Engineering</i> , 2013 , 9, 67-75	2	5
57	Drought effects on the colonization of benthic macroinvertebrate communities in the early successional phases in experimental mesocosm wetlands. <i>Journal of Freshwater Ecology</i> , 2014 , 29, 507-524	1.4	5
56	Growth Characteristics of Cutting Culms Sectioned at Different Positions from Three Reed Populations. <i>Journal of the Korea Society of Environmental Restoration Technology</i> , 2012 , 15, 53-62		5
55	Cutting Efficiency Using <i>Phragmites australis</i> Culms According to Content and Timing of Indole-acetic Acid Treatment. <i>Journal of Wetlands Research</i> , 2013 , 15, 35-41		5
54	The Construction and Management of Artificial Wetland Using Emergent Macrophytes for High Biomass Production. <i>Journal of Wetlands Research</i> , 2014 , 16, 61-72		5
53	Flowering season of vernal herbs is shortened at elevated temperatures with reduced precipitation in early spring. <i>Scientific Reports</i> , 2020 , 10, 17494	4.9	5
52	Vegetation and water characteristics of floating mat in a coastal lagoon as the habitat for endangered plant species. <i>Journal of Ecology and Environment</i> , 2018 , 42,	2	5
51	Shade and physical support are necessary for conserving the <i>Aristolochia contorta</i> population. <i>Ecological Engineering</i> , 2019 , 135, 108-115	3.9	4
50	Establishment strategy of a rare wetland species <i>Sparganium erectum</i> in Korea. <i>Journal of Ecology and Environment</i> , 2017 , 41,	2	4
49	Effects of water levels and soil nutrients on the growth of <i>Iris laevigata</i> seedlings. <i>Journal of Ecology and Environment</i> , 2018 , 42,	2	4
48	Perennial emergent macrophytes as the main determinant of <i>Hydrochara affinis</i> inhabitation. <i>Journal of Asia-Pacific Entomology</i> , 2019 , 22, 1070-1081	1.4	4
47	Water-holding capacity of a floating peat mat determines the survival and growth of <i>Menyanthes trifoliata</i> L (bog bean) in an oligotrophic lake 2006 , 49, 102-105		4
46	Effects of Micro-topography on Vegetation Pattern in Dunchon-dong Wetland. <i>Journal of Wetlands Research</i> , 2014 , 16, 353-362		4
45	Effects of soil fertility and flooding regime on the growth of <i>Ambrosia trifida</i> . <i>Landscape and Ecological Engineering</i> , 2020 , 16, 39-46	2	4

44	Auxin mediates the touch-induced mechanical stimulation of adventitious root formation under windy conditions in <i>Brachypodium distachyon</i> . <i>BMC Plant Biology</i> , 2020 , 20, 335	5.3	4
43	Soil factors determining the distribution of <i>Phragmites australis</i> and <i>Phacelurus latifolius</i> in upper tidal zone. <i>Journal of Ecology and Environment</i> , 2018 , 42,	2	4
42	Slope and soil nutrients can explain the distribution of <i>Phragmites australis</i> and <i>Phragmites japonica</i> in riparian wetlands. <i>River Research and Applications</i> , 2018 , 34, 1229-1233	2.3	4
41	<i>Parnassia palustris</i> population differences in three Korean habitat types. <i>Landscape and Ecological Engineering</i> , 2017 , 13, 93-105	2	3
40	Changes in vegetation and flora of abandoned paddy terraces in responses to drawdown. <i>Journal of Ecology and Environment</i> , 2019 , 43,	2	3
39	Changes in Reproductive Strategy of an Early Successional Species <i>Penthorum chinense</i> in Response to Nutrient and Moisture Levels 2019 , 62, 103-108		3
38	Modified hydrogeomorphic approach for estimating quantitative change of riverine wetland functions. <i>Ecological Engineering</i> , 2020 , 152, 105876	3.9	3
37	Emotional intimacy with nature and life & intellectual interest in life of pre-service biology teachers for environmental education. <i>Journal of Biological Education</i> , 2018 , 52, 236-247	0.9	3
36	An analysis of trends in wetland function assessments and further suggestions. <i>Journal of Wetlands Research</i> , 2017 , 19, 1-15		3
35	Assessment of genetic diversity of <i>Typha angustifolia</i> in the development of cattail stands. <i>Journal of Ecology and Environment</i> , 2012 , 35, 27-34	2	3
34	Effects of wintering waterfowl feces on nutrient dynamics of paddy fields and rice growth. <i>Journal of Ecology and Environment</i> , 2012 , 35, 291-299	2	3
33	Shade avoidance and reproductive strategies of an early successional species <i>Penthorum chinense</i> in relation to shade treatments. <i>Plant Biology</i> , 2020 , 22, 494-499	3.7	3
32	Effects of habitat differences on the genetic diversity of <i>Persicaria thunbergii</i> . <i>Journal of Ecology and Environment</i> , 2016 , 40,	2	3
31	Effects of light intensity and plant density on growth and reproduction of the amphicarpic annual <i>Persicaria thunbergii</i> . <i>Aquatic Botany</i> , 2017 , 142, 119-122	1.8	2
30	Differences in functional traits of leaf blade and culm of common reed in four habitat types. <i>Journal of Ecology and Environment</i> , 2019 , 43,	2	2
29	Analysis of Environmental Characteristics for Habitat Conservation and Restoration of Near Threatened <i>Sparganium japonicum</i> . <i>Journal of the Korea Society of Environmental Restoration Technology</i> , 2015 , 18, 37-51		2
28	Monitoring for Wetlands Ecosystem Conservation and Management in Urban- A Case Study at Dunchon-dong Wetland -. <i>Korean Journal of Nature Conservation</i> , 2008 , 6, 127-142	0.1	2
27	The effect of water turnover time on decomposition of wild rice (<i>Zizania latifolia</i>) and nutrient dynamics in an artificial wetland system. <i>Journal of Ecology and Environment</i> , 2014 , 37, 13-19	2	2

26	Reduced host plant growth and increased tyrosine-derived secondary metabolites under climate change and negative consequences on its specialist herbivore. <i>Science of the Total Environment</i> , 2021 , 759, 143507	10.2	2
25	Effects of microtopography and nutrients on biomass production and plant species diversity in experimental wetland communities. <i>Ecological Engineering</i> , 2021 , 159, 106125	3.9	2
24	Control of runner reed (<i>Phragmites japonicus</i>) in lentic wetlands. <i>Journal of Ecology and Environment</i> , 2018 , 42,	2	2
23	Implications of realized niche for the conservation and creation of <i>Potentilla anserina</i> habitat. <i>Ecological Engineering</i> , 2022 , 179, 106610	3.9	2
22	Ecological impact of fast industrialization inferred from a sediment core in Seocheon, West Coast of Korean Peninsula. <i>Journal of Ecology and Environment</i> , 2020 , 44,	2	1
21	Influence of roadkill during breeding migration on the sex ratio of land crab (<i>Sesarma haematoche</i>). <i>Journal of Ecology and Environment</i> , 2020 , 44,	2	1
20	Nutrient Effects on Seedling Survival and Growth Performance of <i>Typha angustifolia</i> in a Mesocosm Experiment 2020 , 63, 43-49		1
19	Correction to: The optimal balance between sexual and asexual reproduction in variable environments: a systematic review. <i>Journal of Ecology and Environment</i> , 2018 , 42,	2	1
18	A Case Report on the Constructed Wetland for the Growth of <i>Sphagnum palustre</i> . <i>Journal of the Korea Society of Environmental Restoration Technology</i> , 2013 , 16, 93-107		1
17	Study on Characteristics of Seed Germination and Seedling Growth in <i>Salix gracilistyla</i> for Invasive Species Management. <i>Journal of the Korea Society of Environmental Restoration Technology</i> , 2015 , 18, 79-95		1
16	Effect of Plant Life Cycle on Plant Settlement in Diverse Water Level. <i>Journal of Wetlands Research</i> , 2015 , 17, 19-25		1
15	Breeding Site Preferences and the Effects of Breeding Black-crowned Night Herons (<i>Nycticorax nycticorax</i>) on Soil Characteristics at Bamsum Island in Seoul. <i>Journal of Ecology and Environment</i> , 2007 , 30, 341-346	2	1
14	Plant Settlement Patterns and Their Effects on Breeding Sites of Little Terns (<i>Sterna albifrons</i>) on Sand Bars on Ganwol Lake. <i>Journal of Ecology and Environment</i> , 2008 , 31, 37-43	2	1
13	Coastal road mortality of land crab during spawning migration. <i>Scientific Reports</i> , 2021 , 11, 6702	4.9	1
12	Small-scale spatial genetic structure of <i>Asarum sieboldii</i> metapopulation in a valley. <i>Journal of Ecology and Environment</i> , 2021 , 45,	2	1
11	<i>Phragmites australis</i> makes valuable floating mat biotopes under oligotrophic conditions. <i>Landscape and Ecological Engineering</i> , 2021 , 17, 109-118	2	1
10	Carbon sequestration potential in montane wetlands of Korea. <i>Global Ecology and Conservation</i> , 2022 , 37, e02166	2.8	1
9	Process-based modeling to assess the nutrient removal efficiency of two endangered hydrophytes: Linking nutrient-cycle with a multiple-quotas approach. <i>Science of the Total Environment</i> , 2021 , 763, 144223	10.2	0

8	Effect of initial planting on vegetation establishment in different depth zones of constructed farm ponds. <i>Restoration Ecology</i> , e13488	3.1	o
7	Comparing biodiversity-related contents in secondary biology textbooks from Korea, Indonesia, and the United States of America. <i>Journal of Biological Education</i> , 2021 , 55, 17-30	0.9	o
6	Populations of <i>Asarum mandshuricum</i> are Strongly Differentiated Despite a High Outcrossing Rate. <i>Journal of Plant Biology</i> , 1	3	o
5	Ontogeny-dependent effects of elevated CO ₂ and watering frequency on interaction between <i>Aristolochia contorta</i> and its herbivores. <i>Science of the Total Environment</i> , 2022 , 838, 156065	10.2	o
4	Effects of an Artificial Habitat Creation of <i>Menyanthes trifoliata</i> L. Using Planting Module. <i>Journal of Wetlands Research</i> , 2015 , 17, 53-61		
3	Accumulated organic matter, litterfall production, and decomposition tell us the status of litter dynamics in forests. <i>Journal of Ecology and Environment</i> , 2012 , 35, 99-109	2	
2	Assessment of genetic diversity and distance of three <i>Cicuta virosa</i> populations in South Korea. <i>Journal of Ecology and Environment</i> , 2013 , 36, 205-210	2	
1	Developmental stage-dependent effects of a tussock-building species (<i>Phragmites japonicus</i>) on neighbouring plants in wetland ecosystems. <i>Aquatic Botany</i> , 2021 , 175, 103433	1.8	