

Jae Geun Kim

List of Publications by Year in Descending Order

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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	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
96	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	0
95	Carbon sequestration potential in montane wetlands of Korea. <i>Global Ecology and Conservation</i> , 2022 , 37, e02166	2.8	1
94	Coastal road mortality of land crab during spawning migration. <i>Scientific Reports</i> , 2021 , 11, 6702	4.9	1
93	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
92	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
91	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
90	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
89	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	0
88	<i>Phragmites australis</i> makes valuable floating mat biotopes under oligotrophic conditions. <i>Landscape and Ecological Engineering</i> , 2021 , 17, 109-118	2	1
87	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	
86	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
85	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
84	Modified hydrogeomorphic approach for estimating quantitative change of riverine wetland functions. <i>Ecological Engineering</i> , 2020 , 152, 105876	3.9	3
83	Nutrient Effects on Seedling Survival and Growth Performance of <i>Typha angustifolia</i> in a Mesocosm Experiment 2020 , 63, 43-49		1
82	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
81	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

80	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
79	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
78	Changes in vegetation and flora of abandoned paddy terraces in responses to drawdown. <i>Journal of Ecology and Environment</i> , 2019 , 43,	2	3
77	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
76	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
75	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
74	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
73	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
72	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
71	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
70	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
69	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
68	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
67	Control of runner reed (<i>Phragmites japonicus</i>) in lentic wetlands. <i>Journal of Ecology and Environment</i> , 2018 , 42,	2	2
66	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
65	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
64	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
63	<i>Parnassia palustris</i> population differences in three Korean habitat types. <i>Landscape and Ecological Engineering</i> , 2017 , 13, 93-105	2	3

62	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
61	Establishment strategy of a rare wetland species <i>Sparganium erectum</i> in Korea. <i>Journal of Ecology and Environment</i> , 2017 , 41,	2	4
60	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
59	An analysis of trends in wetland function assessments and further suggestions. <i>Journal of Wetlands Research</i> , 2017 , 19, 1-15		3
58	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
57	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
56	Microbial Community and Greenhouse Gas Fluxes from Abandoned Rice Paddies with Different Vegetation. <i>Microbial Ecology</i> , 2016 , 72, 692-703	4.4	24
55	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
54	Effects of habitat differences on the genetic diversity of <i>Persicaria thunbergii</i> . <i>Journal of Ecology and Environment</i> , 2016 , 40,	2	3
53	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
52	Effects of nutrient availability on the amphicarpic traits of <i>Persicaria thunbergii</i> . <i>Aquatic Botany</i> , 2016 , 131, 45-50	1.8	9
51	Advantages of amphicarpy of <i>Persicaria thunbergii</i> in the early life history. <i>Aquatic Botany</i> , 2015 , 121, 33-38	1.8	10
50	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
49	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
48	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
47	Effect of Plant Life Cycle on Plant Settlement in Diverse Water Level. <i>Journal of Wetlands Research</i> , 2015 , 17, 19-25		1
46	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		
45	Flooding effects on seed production of the amphicarpic plant <i>Persicaria thunbergii</i> . <i>Aquatic Botany</i> , 2014 , 119, 15-19	1.8	12

44	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
43	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
42	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
41	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
40	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
39	Effects of Micro-topography on Vegetation Pattern in Dunchon-dong Wetland. <i>Journal of Wetlands Research</i> , 2014 , 16, 353-362		4
38	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
37	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
36	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
35	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
34	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
33	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
32	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
31	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
30	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
29	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
28	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	
27	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

26	Occupational strategy of <i>Persicaria thunbergii</i> in riparian area: Rapid recovery after harsh flooding disturbance 2012 , 55, 226-232		15
25	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
24	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
23	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
22	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	
21	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
20	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
19	Using soil seed banks for ecological education in primary school. <i>Journal of Biological Education</i> , 2011 , 45, 93-101	0.9	8
18	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
17	<i>Nannophya pygmaea</i> (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
16	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
15	<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
14	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
13	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
12	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
11	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
10	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
9	Assessment of recent industrialization in wetlands near Ulsan, Korea. <i>Journal of Paleolimnology</i> , 2005 , 33, 433-444	2.1	11

8	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
7	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
6	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
5	Decomposition of <i>Carex</i> and <i>Nuphar</i> plants in a subalpine marsh 2001 , 44, 73-80		9
4	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
3	The paleoecological record of human disturbance in wetlands of the Lake Tahoe Basin 2001 , 25, 437-454		32
2	Effect of initial planting on vegetation establishment in different depth zones of constructed farm ponds. <i>Restoration Ecology</i> , e13488	3.1	0
1	Populations of <i>Asarum mandshuricum</i> are Strongly Differentiated Despite a High Outcrossing Rate. <i>Journal of Plant Biology</i> , 1	3	0