Dong-Kyun Kim

List of Publications by Year
in descending order

28	399	759233 12	794594 19
papers	citations	h-index	g-index

28	28	28	402
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Improving the representation of internal nutrient recycling with phosphorus mass balance models: A case study in the Bay of Quinte, Ontario, Canada. Ecological Modelling, 2013, 256, 53-68.	2.5	45
2	Stream modification patterns in a river basin: Field survey and self-organizing map (SOM) application. Ecological Informatics, 2010, 5, 293-303.	5.2	36
3	A Bayesian approach for estimating phosphorus export and delivery rates with the SPAtially Referenced Regression On Watershed attributes (SPARROW) model. Ecological Informatics, 2017, 37, 77-91.	5.2	36
4	Determination of sensitive variables regardless of hydrological alteration in artificial neural network model of chlorophyll a: Case study of Nakdong River. Ecological Modelling, 2019, 398, 67-76.	2.5	35
5	A commentary on the modelling of the causal linkages among nutrient loading, harmful algal blooms, and hypoxia patterns in Lake Erie. Journal of Great Lakes Research, 2014, 40, 117-129.	1.9	27
6	Integration of best management practices in the Bay of Quinte watershed with the phosphorus dynamics in the receiving waterbody: What do the models predict?. Aquatic Ecosystem Health and Management, 2016, 19, 1-18.	0.6	22
7	Can simple phosphorus mass balance models guide management decisions? A case study in the Bay of Quinte, Ontario, Canada. Ecological Modelling, 2013, 257, 66-79.	2.5	21
8	Evaluating the relationships between watershed physiography, land use patterns, and phosphorus loading in the bay of Quinte basin, Ontario, Canada. Journal of Great Lakes Research, 2016, 42, 972-984.	1.9	20
9	Development of a mechanistic eutrophication model for wetland management: Sensitivity analysis of the interplay among phytoplankton, macrophytes, and sediment nutrient release. Ecological Informatics, 2018, 48, 198-214.	5.2	18
10	Examination of the role of dreissenids and macrophytes in the phosphorus dynamics of Lake Simcoe, Ontario, Canada. Ecological Informatics, 2015, 26, 36-53.	5.2	17
11	Discrimination of Spatial Distribution of Aquatic Organisms in a Coastal Ecosystem Using eDNA. Applied Sciences (Switzerland), 2019, 9, 3450.	2.5	16
12	A season-specific, multi-site calibration strategy to study the hydrological cycle and the impact of extreme-flow events along an urban-to-agricultural gradient. Ecological Informatics, 2019, 54, 100993.	5.2	15
13	Environmental Pollutants Impair Transcriptional Regulation of the Vitellogenin Gene in the Burrowing Mud Crab (Macrophthalmus Japonicus). Applied Sciences (Switzerland), 2019, 9, 1401.	2.5	12
14	Castles built on sand or predictive limnology in action? Part A: Evaluation of an integrated modelling framework to guide adaptive management implementation in Lake Erie. Ecological Informatics, 2019, 53, 100968.	5.2	11
15	Patterning Zooplankton Communities in Accordance with Annual Climatic Conditions in a Regulated River System (Nakdong River, South Korea). International Review of Hydrobiology, 2012, 97, 55-72.	0.9	10
16	Eutrophication management in a Great Lakes wetland: examination of the existence of alternative ecological states. Ecosphere, 2021, 12, e03339.	2.2	9
17	An Integrative Methodological Framework for Setting Environmental Criteria: Evaluation of Public Preferences. Ecological Economics, 2018, 147, 298-311.	5.7	7
18	Explicit Characterization of Spatial Heterogeneity Based on Water Quality, Sediment Contamination, and Ichthyofauna in a Riverine-to-Coastal Zone. International Journal of Environmental Research and Public Health, 2019, 16, 409.	2.6	7

#	Article	IF	Citations
19	Assessing Spatial Distribution of Benthic Macroinvertebrate Communities Associated with Surrounding Land Cover and Water Quality. Applied Sciences (Switzerland), 2019, 9, 5162.	2.5	7
20	Modelling phosphorus dynamics in Cootes Paradise marsh: Uncertainty assessment and implications for eutrophication management. Aquatic Ecosystem Health and Management, 2016, 19, 368-381.	0.6	6
21	An integrative methodological framework for setting environmental criteria: Evaluation of stakeholder perceptions. Ecological Informatics, 2018, 48, 147-157.	5.2	6
22	Castles built on sand or predictive limnology in action? Part B: Designing the next monitoring-modelling-assessment cycle of adaptive management in Lake Erie. Ecological Informatics, 2019, 53, 100969.	5.2	4
23	Development of a model ensemble to predict Peary caribou populations in the Canadian Arctic Archipelago. Ecosphere, 2019, 10, e02976.	2.2	3
24	Comparison of Zooplankton Community Patterns in Relation to Sediment Disturbances by Dredging in the Guemho River, Korea. Water (Switzerland), 2020, 12, 3434.	2.7	3
25	Uncertainty Analysis by Bayesian Inference. , 2018, , 215-249.		2
26	Predicting the likelihood of a desirable ecological regime shift: A case study in Cootes Paradise marsh, Lake Ontario, Ontario, Canada. Ecological Indicators, 2020, 112, 105794.	6.3	2
27	Evaluation of lengthâ€“weight relations for 15 fish species (Actinopterygii) from the Seomjin River basin in South Korea. Acta Ichthyologica Et Piscatoria, 2020, 50, 209-213.	0.7	2
28	Lengthâ€“weight relations for 14 fish species (Actinoptergii) from the coastal waters off Gwangyang Bay, South Korea. Acta Ichthyologica Et Piscatoria, 2021, 51, 267-269.	0.7	0