

Seo Jin Ki

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

920
citations

430754

18
h-index

477173

29
g-index

48
all docs

48
docs citations

48
times ranked

1074
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of three-dimensional shift in the distribution of largemouth bass (<i>Micropterus salmoides</i>) under climate change in South Korea. <i>Ecological Indicators</i> , 2022, 137, 108731.	2.6	10
2	A Review of Neural Networks for Air Temperature Forecasting. <i>Water (Switzerland)</i> , 2021, 13, 1294.	1.2	56
3	Evaluation of Classification Algorithms to Predict Largemouth Bass (<i>Micropterus salmoides</i>) Occurrence. <i>Sustainability</i> , 2021, 13, 9507.	1.6	4
4	Assessing the Performance of Deep Learning Algorithms for Short-Term Surface Water Quality Prediction. <i>Sustainability</i> , 2021, 13, 10690.	1.6	9
5	Effect of constituent processes and conditions of the hybrid TiO ₂ photocatalytic system on 1,4-dichlorobenzene degradation. <i>Catalysis Today</i> , 2020, 348, 270-276.	2.2	1
6	Rapid decomposition of chloroform by a liquid phase plasma reaction with titanium dioxide and hydrogen peroxide. <i>Catalysis Today</i> , 2020, 352, 54-59.	2.2	3
7	Facile preparation of tungsten oxide doped TiO ₂ photocatalysts using liquid phase plasma process for enhanced degradation of diethyl phthalate. <i>Chemical Engineering Journal</i> , 2019, 377, 120087.	6.6	45
8	Assessing the electrochemical performance of a supercapacitor electrode made of copper oxide and activated carbon using liquid phase plasma. <i>Applied Surface Science</i> , 2018, 446, 243-249.	3.1	21
9	New methodology of evaluation of best management practices performances for an agricultural watershed according to the climate change scenarios: A hybrid use of deterministic and decision support models. <i>Ecological Engineering</i> , 2018, 119, 73-83.	1.6	38
10	Liquid Phase Plasma Synthesis of Iron Oxide Nanoparticles on Nitrogen-Doped Activated Carbon Resulting in Nanocomposite for Supercapacitor Applications. <i>Nanomaterials</i> , 2018, 8, 190.	1.9	19
11	Assembling a supercapacitor electrode with dual metal oxides and activated carbon using a liquid phase plasma. <i>Journal of Environmental Management</i> , 2017, 203, 880-887.	3.8	10
12	Improving removal of 4-chlorophenol using a TiO ₂ photocatalytic system with microwave and ultraviolet radiation. <i>Catalysis Today</i> , 2017, 293-294, 15-22.	2.2	41
13	A systematic optimization of Internally Staged Design (ISD) for a full-scale reverse osmosis process. <i>Journal of Membrane Science</i> , 2017, 540, 285-296.	4.1	31
14	Numerical simulation of separation process for enhancing fine particle removal in tertiary sedimentation tank mounting adjustable baffle. <i>Chemical Engineering Science</i> , 2017, 158, 21-29.	1.9	20
15	Review of Soil Vulnerability Assessment Tools in Korea and other developed countries. <i>Daehan Hwan'gyeong Gonghag Hoeji</i> , 2017, 39, 741-749.	0.4	2
16	Influence of spatial resolution of radar images on the parameterization and performance of SWAT model. <i>Desalination and Water Treatment</i> , 2016, , 1-9.	1.0	1
17	Social vulnerability at a local level around the Merapi volcano. <i>International Journal of Disaster Risk Reduction</i> , 2016, 20, 63-77.	1.8	29
18	Modeling seawater reverse osmosis system under degradation conditions of membrane performance: assessment of isobaric energy recovery devices and feed pressure control benefits. <i>Desalination and Water Treatment</i> , 2016, 57, 20210-20218.	1.0	4

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19	Developing alternative regression models for describing water quality using a self-organizing map. <i>Desalination and Water Treatment</i> , 2016, 57, 20146-20158.	1.0	3
20	A GIS-assisted regional screening tool to evaluate the leaching potential of volatile and non-volatile pesticides. <i>Journal of Hydrology</i> , 2015, 522, 163-173.	2.3	15
21	Pesticide sorption and leaching potential on three Hawaiian soils. <i>Journal of Environmental Management</i> , 2015, 159, 227-234.	3.8	62
22	Applying a statewide geospatial leaching tool for assessing soil vulnerability ratings for Agrochemicals across the contiguous United States. <i>Water Research</i> , 2015, 77, 107-118.	5.3	9
23	OpenMP-accelerated SWAT simulation using Intel C and FORTRAN compilers: Development and benchmark. <i>Computers and Geosciences</i> , 2015, 75, 66-72.	2.0	5
24	Synthesis of manganese oxide/activated carbon composites for supercapacitor application using a liquid phase plasma reduction system. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 754-759.	3.8	35
25	Photocatalytic reactions of 2,4-dichlorophenoxyacetic acid using a microwave-assisted photocatalysis system. <i>Chemical Engineering Journal</i> , 2015, 278, 259-264.	6.6	35
26	Big data analysis of hollow fiber direct contact membrane distillation (HFDCMD) for simulation-based empirical analysis. <i>Desalination</i> , 2015, 355, 56-67.	4.0	5
27	Using fuzzy logic analysis for siting decisions of infiltration trenches for highway runoff control. <i>Science of the Total Environment</i> , 2014, 493, 44-53.	3.9	20
28	Advancing assessment and design of stormwater monitoring programs using a self-organizing map: Characterization of trace metal concentration profiles in stormwater runoff. <i>Water Research</i> , 2011, 45, 4183-4197.	5.3	37
29	Linking land-use type and stream water quality using spatial data of fecal indicator bacteria and heavy metals in the Yeongsan river basin. <i>Water Research</i> , 2010, 44, 4143-4157.	5.3	143
30	Factors dominating stratification cycle and seasonal water quality variation in a Korean estuarine reservoir. <i>Journal of Environmental Monitoring</i> , 2010, 12, 1072.	2.1	25
31	Interpretation of seasonal water quality variation in the Yeongsan Reservoir, Korea using multivariate statistical analyses. <i>Water Science and Technology</i> , 2009, 59, 2219-2226.	1.2	16
32	Effect of environmental flow management on river water quality: a case study at Yeongsan River, Korea. <i>Water Science and Technology</i> , 2009, 59, 2437-2446.	1.2	11
33	Evaluation of pollutants removal efficiency to achieve successful urban river restoration. <i>Water Science and Technology</i> , 2009, 59, 2101-2109.	1.2	11
34	An analytical model for non-conservative pollutants mixing in the surf zone. <i>Water Science and Technology</i> , 2009, 59, 2117-2124.	1.2	1
35	Determination of the optimal parameters in regression models for the prediction of chlorophyll-a: A case study of the Yeongsan Reservoir, Korea. <i>Science of the Total Environment</i> , 2009, 407, 2536-2545.	3.9	42
36	Characteristics of wet and dry weather heavy metal discharges in the Yeongsan Watershed, Korea. <i>Science of the Total Environment</i> , 2009, 407, 3482-3493.	3.9	41

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37	Factors affecting metal exchange between sediment and water in an estuarine reservoir: A spatial and seasonal observation. <i>Journal of Environmental Monitoring</i> , 2009, 11, 2058.	2.1	9
38	Statistical assessment for spatio-temporal water quality in Angkor, Cambodia. <i>Water Science and Technology</i> , 2009, 59, 2167-2178.	1.2	3
39	Mass Load-Based Pollution Management of the Han River and Its Tributaries, Korea. <i>Environmental Management</i> , 2008, 41, 12-19.	1.2	6
40	Spatial and temporal pollutant budget analyses toward the total maximum daily loads management for the Yeongsan watershed in Korea. <i>Water Science and Technology</i> , 2007, 55, 367-374.	1.2	18
41	Solar and Tidal Modulations of Fecal Indicator Bacteria in Coastal Waters at Huntington Beach, California. <i>Environmental Management</i> , 2007, 39, 867-875.	1.2	12
42	Developing statistical models for estimating chlorophyll <i>a</i> and total suspended solid levels at an estuarine reservoir with nutrient inputs from satellite observations. <i>Desalination and Water Treatment</i> , 0, , 1-14.	1.0	0
43	Research perspective of membrane distillation: multi-scale and multi-physics phenomena. , 0, 58, 351-359.		3
44	Assessing the efficiency of aggregate low impact development (LID) at a small urbanized sub-catchment under different storm scenarios. , 0, 86, 1-8.		2
45	Addressing water pollution hotspots in the tributary monitoring network using a non-linear data analysis tool. , 0, 77, 156-162.		1
46	Comparison of classification and supervised learning algorithms in assessing the hydraulic conditions of sewer collection systems: A case study of local sewer networks in Jinju City, Korea. , 0, 124, 202-210.		1
47	Statistical approach to developing screening models for pipe failure events in water network systems. , 0, 120, 190-197.		0
48	Estimation of Turbulent Heat Fluxes and Gross Primary Productivity by Assimilating Land Surface Temperature and Leaf Area Index. <i>Water Resources Research</i> , 0, , .	1.7	5