

Bin-Le Lin

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.

25
papers

407
citations

12
h-index

20
g-index

26
ext. papers

490
ext. citations

6.9
avg, IF

3.43
L-index

#	Paper	IF	Citations
25	Modelling a global biogeochemical nitrogen cycle in terrestrial ecosystems. <i>Ecological Modelling</i> , 2000 , 135, 89-110	3	67
24	Emergy evaluations of the global biogeochemical cycles of six biologically active elements and two compounds. <i>Ecological Modelling</i> , 2014 , 271, 32-51	3	43
23	A modelling approach to global nitrate leaching caused by anthropogenic fertilisation. <i>Water Research</i> , 2001 , 35, 1961-8	12.5	40
22	Approaches for establishing predicted-no-effect concentrations for population-level ecological risk assessment in the context of chemical substances management. <i>Environmental Science & Technology</i> , 2005 , 39, 4833-40	10.3	32
21	Biofuel vs. biodiversity? Integrated emergy and economic cost-benefit evaluation of rice-ethanol production in Japan. <i>Energy</i> , 2012 , 46, 442-450	7.9	29
20	System approach for evaluating the potential yield and plantation of <i>Jatropha curcas</i> L. on a global scale. <i>Environmental Science & Technology</i> , 2010 , 44, 2204-9	10.3	29
19	Occurrence and partitioning behavior of per- and polyfluoroalkyl substances (PFASs) in water and sediment from the Jiulong Estuary-Xiamen Bay, China. <i>Chemosphere</i> , 2020 , 238, 124578	8.4	29
18	Interactions among energy consumption, economic development and greenhouse gas emissions in Japan after World War II. <i>Renewable and Sustainable Energy Reviews</i> , 2016 , 54, 1060-1072	16.2	27
17	Toward Sustainable Environmental Quality: Priority Research Questions for Asia. <i>Environmental Toxicology and Chemistry</i> , 2020 , 39, 1485-1505	3.8	21
16	Sustainability assessment of bioethanol and petroleum fuel production in Japan based on emergy analysis. <i>Energy Policy</i> , 2012 , 44, 23-33	7.2	18
15	A feed-forward artificial neural network for prediction of the aquatic ecotoxicity of alcohol ethoxylate. <i>Ecotoxicology and Environmental Safety</i> , 2008 , 71, 172-86	7	15
14	Predicting the acute ecotoxicity of chemical substances by machine learning using graph theory. <i>Chemosphere</i> , 2020 , 238, 124604	8.4	12
13	Simulation of the population-level effects of 4-nonylphenol on wild Japanese medaka (<i>Oryzias latipes</i>). <i>Ecological Modelling</i> , 2006 , 197, 350-360	3	10
12	Assessment of Ammonia as an Energy Carrier from the Perspective of Carbon and Nitrogen Footprints. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 ,	8.3	7
11	PM2.5-related health impacts of utilizing ammonia-hydrogen energy in Kanto Region, Japan. <i>Frontiers of Environmental Science and Engineering</i> , 2018 , 12, 1	5.8	7
10	Extrapolation of available acute and chronic toxicity test data to population-level effects for ecological risk management of chemicals. <i>Environmental Toxicology and Chemistry</i> , 2009 , 28, 1557-66	3.8	6
9	The fragmented testis method: development and its advantages of a new quantitative evaluation technique for detection of testis-ova in male fish. <i>Ecotoxicology and Environmental Safety</i> , 2009 , 72, 286-292	3.2	5

8	Effects of high salinity and constituent organic compounds on treatment of photo-processing waste by a sulfur-oxidizing bacteria/granular activated carbon sludge system. <i>Water Research</i> , 2002 , 36, 1076-83	12.5	4
7	An all-in-one tool for multipurpose ecological risk assessment and management (MeRAM) of chemical substances in aquatic environment. <i>Chemosphere</i> , 2021 , 268, 128826	8.4	3
6	Increased nitrogen deposition contributes to plant biodiversity loss in Japan: Insights from long-term historical monitoring data. <i>Environmental Pollution</i> , 2021 , 290, 118033	9.3	2
5	A 3D-hydrodynamic model for predicting the environmental fate of chemical pollutants in Xiamen Bay, southeast China. <i>Environmental Pollution</i> , 2020 , 256, 113000	9.3	1
4	Urban-scale analysis of nitrogen deposition in Japan: Validation of chemical transport modeling and the sensitivity of anthropogenic nitrogen emissions to dry and wet depositions. <i>Atmospheric Environment</i> , 2022 , 275, 119022	5.3	0
3	A new approach to estimate concentrations of alcohol ethoxylate in rivers in Japan for screening-level risk assessment. <i>Journal of Risk Research</i> , 2011 , 14, 1109-1126	4.2	
2	Prediction of Fish Acute Ecotoxicity of Inorganic and Ionized Chemical Substances by Machine Learning. <i>Journal of Computer Aided Chemistry</i> , 2019 , 20, 104-110	0.2	
1	Predicting the Fish Chronic Ecotoxicity of Chemical Substance with New Ecotoxicity Fingerprint and Stacked Ensemble Method on Machine Learning. <i>Journal of Computer Aided Chemistry</i> , 2019 , 20, 111-118 ^{0.2}		