Fen Guo

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4778072/publications.pdf

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37	1,434	430874	361022
papers	citations	18 h-index	35 g-index

37	37	37	1623
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	How important are terrestrial organic carbon inputs for secondary production in freshwater ecosystems?. Freshwater Biology, 2017, 62, 833-853.	2.4	257
2	Water quality assessment and source identification of Daliao river basin using multivariate statistical methods. Environmental Monitoring and Assessment, 2009, 152, 105-21.	2.7	180
3	The importance of highâ€quality algal food sources in stream food webs â€“ current status and future perspectives. Freshwater Biology, 2016, 61, 815-831.	2.4	163
4	Paradigms of mangroves in treatment of anthropogenic wastewater pollution. Science of the Total Environment, 2016, 544, 971-979.	8.0	78
5	High-quality algae attached to leaf litter boost invertebrate shredder growth. Freshwater Science, 2016, 35, 1213-1221.	1.8	69
6	Effects of light and nutrients on periphyton and the fatty acid composition and somatic growth of invertebrate grazers in subtropical streams. Oecologia, 2016, 181, 449-462.	2.0	58
7	Polyunsaturated fatty acids in stream food webs â€“ high dissimilarity among producers and consumers. Freshwater Biology, 2017, 62, 1325-1334.	2.4	58
8	Feeding strategies for the acquisition of highâ€quality food sources in stream macroinvertebrates: Collecting, integrating, and mixed feeding. Limnology and Oceanography, 2018, 63, 1964-1978.	3.1	58
9	Development of the integrated fuzzy analytical hierarchy process with multidimensional scaling in selection of natural wastewater treatment alternatives. Ecological Engineering, 2015, 74, 438-447.	3.6	52
10	Characterization and causes analysis for algae blooms in large river system. Sustainable Cities and Society, 2019, 51, 101707.	10.4	38
11	Spatial variation in periphyton fatty acid composition in subtropical streams. Freshwater Biology, 2015, 60, 1411-1422.	2.4	37
12	Polyunsaturated fatty acids in fish tissues more closely resemble algal than terrestrial diet sources. Hydrobiologia, 2021, 848, 371-383.	2.0	35
13	Predicting the effect of land use and climate change on stream macroinvertebrates based on the linkage between structural equation modeling and bayesian network. Ecological Indicators, 2018, 85, 820-831.	6.3	34
14	Preferential retention of algal carbon in benthic invertebrates: Stable isotope and fatty acid evidence from an outdoor flume experiment. Freshwater Biology, 2020, 65, 1200-1209.	2.4	34
15	How sulfate-rich mine drainage affected aquatic ecosystem degradation in northeastern China, and potential ecological risk. Science of the Total Environment, 2017, 609, 1093-1102.	8.0	30
16	Lipid biomarkers and pertinent indices from aquatic environment record paleoclimate and paleoenvironment changes. Quaternary Science Reviews, 2015, 123, 180-192.	3.0	29
17	Intuitionistic fuzzy analytical hierarchical processes for selecting the paradigms of mangroves in municipal wastewater treatment. Chemosphere, 2018, 197, 634-642.	8.2	25
18	The effect of light and nutrients on algal food quality and their consequent effect on grazer growth in subtropical streams. Freshwater Science, 2016, 35, 1202-1212.	1.8	22

#	Article	IF	Citations
19	WetlandÂEcosystem Service Dynamics in the Yellow River EstuaryÂunder Natural and Anthropogenic Stress in the Past 35 Years. Wetlands, 2020, 40, 2741-2754.	1.5	18
20	Longitudinal variation in the nutritional quality of basal food sources and its effect on invertebrates and fish in subalpine rivers. Journal of Animal Ecology, 2021, 90, 2678-2691.	2.8	17
21	A systematic approach for watershed ecological restoration strategy making: An application in the Taizi River Basin in northern China. Science of the Total Environment, 2018, 637-638, 1321-1332.	8.0	14
22	Fatty acids as dietary biomarkers in mangrove ecosystems: Current status and future perspective. Science of the Total Environment, 2020, 739, 139907.	8.0	14
23	The impact of super-typhoon Mangkhut on sediment nutrient density and fluxes in a mangrove forest in Hong Kong. Science of the Total Environment, 2021, 766, 142637.	8.0	14
24	Basal resources of river food webs largely affect the fatty acid composition of freshwater fish. Science of the Total Environment, 2022, 812, 152450.	8.0	14
25	Dissolved trace elements in a nitrogen-polluted river near to the Liaodong Bay in Northeast China. Marine Pollution Bulletin, 2017, 114, 547-554.	5.0	11
26	Effects of secondary salinisation on macroinvertebrate functional traits in surface mining-contaminated streams, and recovery potential. Science of the Total Environment, 2018, 640-641, 1088-1097.	8.0	11
27	Increasing anthropogenic salinisation leads to declines in community diversity, functional diversity and trophic links in mountain streams. Chemosphere, 2021, 263, 127994.	8.2	11
28	Priorization of River Restoration by Coupling Soil and Water Assessment Tool (SWAT) and Support Vector Machine (SVM) Models in the Taizi River Basin, Northern China. International Journal of Environmental Research and Public Health, 2018, 15, 2090.	2.6	10
29	Lateral heterogeneity of soil physicochemical properties in riparian zones after agricultural abandonment. Scientific Reports, 2018, 8, 2228.	3.3	8
30	The dark side of rocks: An underestimated highâ€quality food resource in river ecosystems. Journal of Ecology, 2021, 109, 2395-2404.	4.0	8
31	Development of a fuzzy analytical network process to evaluate alternatives on vitamin B12 adsorption from wastewater. Computers and Chemical Engineering, 2016, 95, 123-129.	3.8	7
32	Evaluation of potential factors affecting deriving conductivity benchmark by utilizing weighting methods in Hun-Tai River Basin, Northeastern China. Environmental Monitoring and Assessment, 2017, 189, 97.	2.7	6
33	Variations in herbaceous vegetation structures and vegetationâ€“environment relationships from floodplain to terrace along a large semiâ€humid river. Ecological Research, 2018, 33, 1049-1058.	1.5	5
34	Decadal patterns of anthropogenic salinisation in typical mountain streams in northeastern China: Increased rates and sources. Chemosphere, 2020, 246, 125789.	8.2	3
35	The Importance of Diet Nutrition for Freshwater Invaders. Trends in Ecology and Evolution, 2021, 36, 386-387.	8.7	3
36	Patterns of Mangrove Productivity and Support for Marine Fauna. , 2020, , 1-20.		2

#	Article	IF	Citations
37	Patterns of Mangrove Productivity and Support for Marine Fauna. , 2021, , 1783-1802.		1