

# Fen Guo

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

1,434  
citations

430874

18  
h-index

361022

35  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1623  
citing authors

#	ARTICLE	IF	CITATIONS
1	Basal resources of river food webs largely affect the fatty acid composition of freshwater fish. <i>Science of the Total Environment</i> , 2022, 812, 152450.	8.0	14
2	Polyunsaturated fatty acids in fish tissues more closely resemble algal than terrestrial diet sources. <i>Hydrobiologia</i> , 2021, 848, 371-383.	2.0	35
3	Increasing anthropogenic salinisation leads to declines in community diversity, functional diversity and trophic links in mountain streams. <i>Chemosphere</i> , 2021, 263, 127994.	8.2	11
4	The impact of super-typhoon Mangkhut on sediment nutrient density and fluxes in a mangrove forest in Hong Kong. <i>Science of the Total Environment</i> , 2021, 766, 142637.	8.0	14
5	Patterns of Mangrove Productivity and Support for Marine Fauna. , 2021, , 1783-1802.		1
6	The dark side of rocks: An underestimated high-quality food resource in river ecosystems. <i>Journal of Ecology</i> , 2021, 109, 2395-2404.	4.0	8
7	The Importance of Diet Nutrition for Freshwater Invaders. <i>Trends in Ecology and Evolution</i> , 2021, 36, 386-387.	8.7	3
8	Longitudinal variation in the nutritional quality of basal food sources and its effect on invertebrates and fish in subalpine rivers. <i>Journal of Animal Ecology</i> , 2021, 90, 2678-2691.	2.8	17
9	Patterns of Mangrove Productivity and Support for Marine Fauna. , 2020, , 1-20.		2
10	Wetland Ecosystem Service Dynamics in the Yellow River Estuary under Natural and Anthropogenic Stress in the Past 35 Years. <i>Wetlands</i> , 2020, 40, 2741-2754.	1.5	18
11	Fatty acids as dietary biomarkers in mangrove ecosystems: Current status and future perspective. <i>Science of the Total Environment</i> , 2020, 739, 139907.	8.0	14
12	Preferential retention of algal carbon in benthic invertebrates: Stable isotope and fatty acid evidence from an outdoor flume experiment. <i>Freshwater Biology</i> , 2020, 65, 1200-1209.	2.4	34
13	Decadal patterns of anthropogenic salinisation in typical mountain streams in northeastern China: Increased rates and sources. <i>Chemosphere</i> , 2020, 246, 125789.	8.2	3
14	Characterization and causes analysis for algae blooms in large river system. <i>Sustainable Cities and Society</i> , 2019, 51, 101707.	10.4	38
15	Lateral heterogeneity of soil physicochemical properties in riparian zones after agricultural abandonment. <i>Scientific Reports</i> , 2018, 8, 2228.	3.3	8
16	Intuitionistic fuzzy analytical hierarchical processes for selecting the paradigms of mangroves in municipal wastewater treatment. <i>Chemosphere</i> , 2018, 197, 634-642.	8.2	25
17	Predicting the effect of land use and climate change on stream macroinvertebrates based on the linkage between structural equation modeling and bayesian network. <i>Ecological Indicators</i> , 2018, 85, 820-831.	6.3	34
18	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. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2090.	2.6	10

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19	A systematic approach for watershed ecological restoration strategy making: An application in the Taizi River Basin in northern China. <i>Science of the Total Environment</i> , 2018, 637-638, 1321-1332.	8.0	14
20	Variations in herbaceous vegetation structures and vegetation–environment relationships from floodplain to terrace along a large semi-humid river. <i>Ecological Research</i> , 2018, 33, 1049-1058.	1.5	5
21	Feeding strategies for the acquisition of high-quality food sources in stream macroinvertebrates: Collecting, integrating, and mixed feeding. <i>Limnology and Oceanography</i> , 2018, 63, 1964-1978.	3.1	58
22	Effects of secondary salinisation on macroinvertebrate functional traits in surface mining-contaminated streams, and recovery potential. <i>Science of the Total Environment</i> , 2018, 640-641, 1088-1097.	8.0	11
23	Polyunsaturated fatty acids in stream food webs – high dissimilarity among producers and consumers. <i>Freshwater Biology</i> , 2017, 62, 1325-1334.	2.4	58
24	How important are terrestrial organic carbon inputs for secondary production in freshwater ecosystems?. <i>Freshwater Biology</i> , 2017, 62, 833-853.	2.4	257
25	Evaluation of potential factors affecting deriving conductivity benchmark by utilizing weighting methods in Hun-Tai River Basin, Northeastern China. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 97.	2.7	6
26	How sulfate-rich mine drainage affected aquatic ecosystem degradation in northeastern China, and potential ecological risk. <i>Science of the Total Environment</i> , 2017, 609, 1093-1102.	8.0	30
27	Dissolved trace elements in a nitrogen-polluted river near to the Liaodong Bay in Northeast China. <i>Marine Pollution Bulletin</i> , 2017, 114, 547-554.	5.0	11
28	The importance of high-quality algal food sources in stream food webs – current status and future perspectives. <i>Freshwater Biology</i> , 2016, 61, 815-831.	2.4	163
29	High-quality algae attached to leaf litter boost invertebrate shredder growth. <i>Freshwater Science</i> , 2016, 35, 1213-1221.	1.8	69
30	The effect of light and nutrients on algal food quality and their consequent effect on grazer growth in subtropical streams. <i>Freshwater Science</i> , 2016, 35, 1202-1212.	1.8	22
31	Development of a fuzzy analytical network process to evaluate alternatives on vitamin B12 adsorption from wastewater. <i>Computers and Chemical Engineering</i> , 2016, 95, 123-129.	3.8	7
32	Paradigms of mangroves in treatment of anthropogenic wastewater pollution. <i>Science of the Total Environment</i> , 2016, 544, 971-979.	8.0	78
33	Effects of light and nutrients on periphyton and the fatty acid composition and somatic growth of invertebrate grazers in subtropical streams. <i>Oecologia</i> , 2016, 181, 449-462.	2.0	58
34	Lipid biomarkers and pertinent indices from aquatic environment record paleoclimate and paleoenvironment changes. <i>Quaternary Science Reviews</i> , 2015, 123, 180-192.	3.0	29
35	Spatial variation in periphyton fatty acid composition in subtropical streams. <i>Freshwater Biology</i> , 2015, 60, 1411-1422.	2.4	37
36	Development of the integrated fuzzy analytical hierarchy process with multidimensional scaling in selection of natural wastewater treatment alternatives. <i>Ecological Engineering</i> , 2015, 74, 438-447.	3.6	52

#	ARTICLE	IF	CITATIONS
37	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