

# Yuhai Bao

## List of Publications by Year in descending order

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28  
papers

856  
citations

623188

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h-index

580395

25  
g-index

30  
all docs

30  
docs citations

30  
times ranked

583  
citing authors

#	ARTICLE	IF	CITATIONS
1	The water-level fluctuation zone of Three Gorges Reservoir "A unique geomorphological unit. Earth-Science Reviews, 2015, 150, 14-24.	4.0	206
2	Sedimentation and associated trace metal enrichment in the riparian zone of the Three Gorges Reservoir, China. Science of the Total Environment, 2014, 479-480, 258-266.	3.9	140
3	Flow regulation manipulates contemporary seasonal sedimentary dynamics in the reservoir fluctuation zone of the Three Gorges Reservoir, China. Science of the Total Environment, 2016, 548-549, 410-420.	3.9	89
4	Tillage pedogenesis of purple soils in southwestern China. Journal of Mountain Science, 2009, 6, 205-210.	0.8	54
5	Dynamic changes of soil erosion in a typical disturbance zone of China's Three Gorges Reservoir. Catena, 2018, 169, 128-139.	2.2	50
6	Particle size differentiation explains flow regulation controls on sediment sorting in the water-level fluctuation zone of the Three Gorges Reservoir, China. Science of the Total Environment, 2018, 633, 1114-1125.	3.9	48
7	Anthropogenic impacts on suspended sediment load in the Upper Yangtze river. Regional Environmental Change, 2011, 11, 857-868.	1.4	32
8	Soil erosion in the riparian zone of the Three Gorges Reservoir, China. Hydrology Research, 2015, 46, 212-221.	1.1	31
9	Estimation of soil reinforcement by the roots of four post-dam prevailing grass species in the riparian zone of Three Gorges Reservoir, China. Journal of Mountain Science, 2016, 13, 508-521.	0.8	24
10	Determining the relative contributions of climate change and multiple human activities to variations of sediment regime in the Minjiang River, China. Hydrological Processes, 2013, 27, 3547-3559.	1.1	21
11	Effects of seasonal water-level fluctuation on soil pore structure in the Three Gorges Reservoir, China. Journal of Mountain Science, 2018, 15, 2192-2206.	0.8	18
12	Fractal characterization of sediment particle size distribution in the water-level fluctuation zone of the Three Gorges Reservoir, China. Journal of Mountain Science, 2019, 16, 2028-2038.	0.8	17
13	Impacts of Water Level Fluctuations on Soil Aggregate Stability in the Three Gorges Reservoir, China. Sustainability, 2020, 12, 9107.	1.6	17
14	Soil aggregate stability response to hydraulic conditions in water level fluctuation zone of the Three Gorges Reservoir, China. Catena, 2021, 204, 105387.	2.2	17
15	Soil nutrients in relation to vertical roots distribution in the riparian zone of Three Gorges Reservoir, China. Journal of Mountain Science, 2018, 15, 1498-1509.	0.8	14
16	Developing a sustainable strategy to conserve reservoir marginal landscapes. National Science Review, 2018, 5, 10-14.	4.6	13
17	Decadal loss of paddy fields driven by cumulative human activities in the Three Gorges Reservoir area, China. Land Degradation and Development, 2020, 31, 1990-2002.	1.8	13
18	Multifractal features of the particle-size distribution of suspended sediment in the Three Gorges Reservoir, China. International Journal of Sediment Research, 2021, 36, 489-500.	1.8	13

#	ARTICLE	IF	CITATIONS
19	Soil anti-scourability enhanced by herbaceous species roots in a reservoir water level fluctuation zone. <i>Journal of Mountain Science</i> , 2021, 18, 392-406.	0.8	10
20	Farmers' Sustainable Strategies for Soil Conservation on Sloping Arable Lands in the Upper Yangtze River Basin, China. <i>Sustainability</i> , 2014, 6, 4795-4806.	1.6	7
21	Farmer's adaptive strategies on land competition between societal outcomes and agroecosystem conservation in the purple-soiled hilly region, southwestern China. <i>Journal of Mountain Science</i> , 2012, 9, 77-86.	0.8	5
22	Combined Effects of Hillslope-Concentrated Flows and Riverine Stream Waves on Soil Erosion in the Reservoir Riparian Zone. <i>Water (Switzerland)</i> , 2021, 13, 3465.	1.2	4
23	Scaling properties of particle-size distributions of purple soils in a small agricultural watershed: A multifractal analysis. <i>Catena</i> , 2022, 215, 106326.	2.2	4
24	Dry cropland changes in China's Three Gorges Reservoir Region during the period 1990 to 2015. <i>Journal of Mountain Science</i> , 2020, 17, 516-527.	0.8	3
25	Potential effect of upstream sediment trap by a dam on dissolved organic matter transported into the Three Gorges Reservoir, China. <i>Journal of Physics: Conference Series</i> , 2021, 1735, 012001.	0.3	2
26	Heavy metal enrichment in the riparian sediments and soils of the Three Gorges Reservoir, China. <i>Proceedings of the International Association of Hydrological Sciences</i> , 0, 367, 244-250.	1.0	2
27	Online monitoring system for soil erosion and non-point source pollution in the Three-gorge Reservoir Area. , 2011, , .		0
28	Notice of Retraction: Effects of Shelterbelts on Wind Erosion Control in the Desertified Cropland of North-Western Shandong Province, China. , 2011, , .		0