Guo-An Yu

List of Publications by Citations

39 papers	651 citations	14 h-index	24 g-index
41 ext. papers	761 ext. citations	3.6 avg, IF	3.91 L-index

#	Paper	IF	Citations
39	Sediment pollution and its effect on fish through food chain in the Yangtze River. *International Journal of Sediment Research*, **2008**, 23, 338-347	3	140
38	Ecological and Hydraulic Studies of Step-Pool Systems. *Journal of Hydraulic Engineering*, **2009**, 135, 705-718	1.8	54
37	An environmental gradient of vegetative controls upon channel planform in the source region of the Yangtze and Yellow Rivers. *Catena*, **2014**, 119, 143-153	5.8	42
36	Restoration of an incised mountain stream using artificial step-pool system. *Journal of Hydraulic Research/De Recherches Hydrauliques*, **2010**, 48, 178-187	1.9	31
35	Effect of incoming sediment on the transport rate of bed load in mountain streams. *International Journal of Sediment Research*, **2009**, 24, 260-273	3	30
34	Migration and cutoff of meanders in the hyperarid environment of the middle Tarim River, northwestern China. *Geomorphology*, **2017**, 276, 116-124	4.3	28
33	Large-Scale Hydrological Modeling and Decision-Making for Agricultural Water Consumption and Allocation in the Main Stem Tarim River, China. *Water (Switzerland)*, **2015**, 7, 2821-2839	3	26
32	Agricultural water allocation strategies along the oasis of Tarim River in Northwest China. *Agricultural Water Management*, **2017**, 187, 24-36	5.9	25
31	Stability of landslide dams and development of knickpoints. *Environmental Earth Sciences*, **2012**, 65, 1067-1080	2.9	23
30	An exploratory analysis of benthic macroinvertebrates as indicators of the ecological status of the Upper Yellow and Yangtze Rivers. *Journal of Chinese Geography*, **2013**, 23, 871-882	3.7	23
29	Geodiversity in the Yellow River source zone. *Journal of Chinese Geography*, **2013**, 23, 775-792	3.7	22
28	River network evolution and fluvial process responses to human activity in a hyper-arid environment：Case of the Tarim River in Northwest China. *Catena*, **2016**, 147, 96-109	5.8	22
27	A broad overview of landscape diversity of the Yellow River source zone. *Journal of Chinese Geography*, **2013**, 23, 793-816	3.7	21
26	Fluvial diversity in relation to valley setting in the source region of the Yangtze and Yellow Rivers. *Journal of Chinese Geography*, **2013**, 23, 817-832	3.7	14
25	Analysis of controls upon channel planform at the First Great Bend of the Upper Yellow River, Qinghai-Tibet Plateau. *Journal of Chinese Geography*, **2013**, 23, 833-848	3.7	13
24	Gender of large river deltas and parasitizing rivers. *International Journal of Sediment Research*, **2012**, 27, 18-36	3	12
23	Estimation of the Qinghai-Tibetan Plateau runoff and its contribution to large Asian rivers. *Science of the Total Environment*, **2020**, 749, 141570	10.2	12

22	Water Quality of the Mun River in Thailand-Spatiotemporal Variations and Potential Causes. *International Journal of Environmental Research and Public Health*, **2019**, 16,	4.6	10
21	Effects of riparian plant roots on the unconsolidated bank stability of meandering channels in the Tarim River, China. *Geomorphology*, **2020**, 351, 106958	4.3	10
20	The assemblage characteristics of benthic macroinvertebrates in the Yalutsangpo River, the highest major river in the world. *Frontiers of Earth Science*, **2014**, 8, 351-361	1.7	9
19	Vegetative impacts upon bedload transport capacity and channel stability for differing alluvial planforms in the Yellow River source zone. *Hydrology and Earth System Sciences*, **2016**, 20, 3013-3025	5.5	9
18	Sediment storage and morphology of the Yalu Tsangpo valley due to uneven uplift of the Himalaya. *Science China Earth Sciences*, **2015**, 58, 1440-1445	4.6	8
17	Bed load transport under different streambed conditions □a field experimental study in a mountain stream. *International Journal of Sediment Research*, **2012**, 27, 426-438	3	8
16	Responses of streamflow and sediment load to climate change and human activity in the Upper Yellow River, China: a case of the Ten Great Gullies Basin. *Water Science and Technology*, **2015**, 71, 1893-900	2.2	7
15	Mass flows and river response in rapid uplifting regions □A case of lower Yarlung Tsangpo basin, southeast Tibet, China. *International Journal of Sediment Research*, **2020**, 35, 609-620	3	7
14	Sediment dynamics of an allogenic river channel in a very arid environment. *Hydrological Processes*, **2017**, 31, 2050-2061	3.3	6
13	Trends of Runoff Variation and Effects of Main Causal Factors in Mun River, Thailand During 1980□2018. *Water (Switzerland)*, **2020**, 12, 831	3	6
12	Geomorphic Diversity of Rivers in the Upper Yellow River Basin. *Springer Geography*, **2016**, 59-77	0.4	6
11	Quantifying the Effects of Dramatic Changes in Runoff and Sediment on the Channel Morphology of a Large, Wandering River Using Remote Sensing Images. *Water (Switzerland)*, **2018**, 10, 1767	3	6
10	Evolution of sandstone peak-forest landscapes □insights from quantifying erosional processes with cosmogenic nuclides. *Earth Surface Processes and Landforms*, **2018**, 43, 639-653	3.7	5
9	Reevaluation of the aeolian sand flux from the Ulan Buh Desert into the upper Yellow River based on in situ monitoring. *Geomorphology*, **2019**, 327, 307-318	4.3	5
8	Naming conventions in geomorphology: contributions and controversies in the sandstone landscape of Zhangjiajie Geopark, China. *Earth Surface Processes and Landforms*, **2011**, 36, 1981-1984	3.7	4
7	Problem identification on surface water quality in the Mun River Basin, Thailand. *Sustainable Water Resources Management*, **2020**, 6, 1	1.9	2
6	Assessing the river habitat suitability and effects of introduction of exotic fish species based on anecohydraulic model system. *Ecological Informatics*, **2018**, 45, 59-69	4.2	2
5	Debris flows originating in the mountain cryosphere under a changing climate: A review. *Progress in Physical Geography*, **2021**, 45, 339-374	3.5	2

4	Dam Operation for Mitigating Ice Jam Flooding Risks under the Adjustment of River Channel-Forms: Implications from an Evaluation in the Ningxia-Inner Mongolia Reach of the Upper Yellow River, China. *Water (Switzerland)*, **2019**, 11, 1136	3	1
3	Channel-Form Adjustment of an Alluvial River Under Hydrodynamic and Eco-Geomorphologic Controls: Insights From Applying Equilibrium Theory Governing Alluvial Channel Flow. *Water Resources Research*, **2021**, 57, e2020WR029174	5.4	0
2	River Channel Forms in Relation to Bank Steepness: A Theoretical Investigation Using a Variational Analytical Method. *Water (Switzerland)*, **2020**, 12, 1250	3	
1	Effect of riparian vegetation roots on development of meander bends in Tarim River, Northwest China. *E3S Web of Conferences*, **2018**, 40, 02029	0.5	