

Guo-An Yu

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/9305571/guo-an-yu-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Channel-Form Adjustment of an Alluvial River Under Hydrodynamic and Eco-Geomorphologic Controls: Insights From Applying Equilibrium Theory Governing Alluvial Channel Flow. <i>Water Resources Research</i> , 2021 , 57, e2020WR029174	5.4	0
38	Debris flows originating in the mountain cryosphere under a changing climate: A review. <i>Progress in Physical Geography</i> , 2021 , 45, 339-374	3.5	2
37	Trends of Runoff Variation and Effects of Main Causal Factors in Mun River, Thailand During 1980-2018. <i>Water (Switzerland)</i> , 2020 , 12, 831	3	6
36	Problem identification on surface water quality in the Mun River Basin, Thailand. <i>Sustainable Water Resources Management</i> , 2020 , 6, 1	1.9	2
35	Mass flows and river response in rapid uplifting regions [A case of lower Yarlung Tsangpo basin, southeast Tibet, China. <i>International Journal of Sediment Research</i> , 2020 , 35, 609-620	3	7
34	River Channel Forms in Relation to Bank Steepness: A Theoretical Investigation Using a Variational Analytical Method. <i>Water (Switzerland)</i> , 2020 , 12, 1250	3	
33	Effects of riparian plant roots on the unconsolidated bank stability of meandering channels in the Tarim River, China. <i>Geomorphology</i> , 2020 , 351, 106958	4.3	10
32	Estimation of the Qinghai-Tibetan Plateau runoff and its contribution to large Asian rivers. <i>Science of the Total Environment</i> , 2020 , 749, 141570	10.2	12
31	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. <i>Water (Switzerland)</i> , 2019 , 11, 1136	3	1
30	Water Quality of the Mun River in Thailand-Spatiotemporal Variations and Potential Causes. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	10
29	Reevaluation of the aeolian sand flux from the Ulan Buh Desert into the upper Yellow River based on in situ monitoring. <i>Geomorphology</i> , 2019 , 327, 307-318	4.3	5
28	Assessing the river habitat suitability and effects of introduction of exotic fish species based on aneco-hydraulic model system. <i>Ecological Informatics</i> , 2018 , 45, 59-69	4.2	2
27	Evolution of sandstone peak-forest landscapes [Insights from quantifying erosional processes with cosmogenic nuclides. <i>Earth Surface Processes and Landforms</i> , 2018 , 43, 639-653	3.7	5
26	Quantifying the Effects of Dramatic Changes in Runoff and Sediment on the Channel Morphology of a Large, Wandering River Using Remote Sensing Images. <i>Water (Switzerland)</i> , 2018 , 10, 1767	3	6
25	Effect of riparian vegetation roots on development of meander bends in Tarim River, Northwest China. <i>E3S Web of Conferences</i> , 2018 , 40, 02029	0.5	
24	Sediment dynamics of an allogenic river channel in a very arid environment. <i>Hydrological Processes</i> , 2017 , 31, 2050-2061	3.3	6
23	Agricultural water allocation strategies along the oasis of Tarim River in Northwest China. <i>Agricultural Water Management</i> , 2017 , 187, 24-36	5.9	25

22	Migration and cutoff of meanders in the hyperarid environment of the middle Tarim River, northwestern China. <i>Geomorphology</i> , 2017 , 276, 116-124	4.3	28
21	Vegetative impacts upon bedload transport capacity and channel stability for differing alluvial planforms in the Yellow River source zone. <i>Hydrology and Earth System Sciences</i> , 2016 , 20, 3013-3025	5.5	9
20	Geomorphic Diversity of Rivers in the Upper Yellow River Basin. <i>Springer Geography</i> , 2016 , 59-77	0.4	6
19	River network evolution and fluvial process responses to human activity in a hyper-arid environment [Case of the Tarim River in Northwest China. <i>Catena</i> , 2016 , 147, 96-109	5.8	22
18	Sediment storage and morphology of the Yalu Tsangpo valley due to uneven uplift of the Himalaya. <i>Science China Earth Sciences</i> , 2015 , 58, 1440-1445	4.6	8
17	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. <i>Water Science and Technology</i> , 2015 , 71, 1893-1900	3.2	7
16	Large-Scale Hydrological Modeling and Decision-Making for Agricultural Water Consumption and Allocation in the Main Stem Tarim River, China. <i>Water (Switzerland)</i> , 2015 , 7, 2821-2839	3	26
15	An environmental gradient of vegetative controls upon channel planform in the source region of the Yangtze and Yellow Rivers. <i>Catena</i> , 2014 , 119, 143-153	5.8	42
14	The assemblage characteristics of benthic macroinvertebrates in the Yalutsangpo River, the highest major river in the world. <i>Frontiers of Earth Science</i> , 2014 , 8, 351-361	1.7	9
13	Geodiversity in the Yellow River source zone. <i>Journal of Chinese Geography</i> , 2013 , 23, 775-792	3.7	22
12	A broad overview of landscape diversity of the Yellow River source zone. <i>Journal of Chinese Geography</i> , 2013 , 23, 793-816	3.7	21
11	Fluvial diversity in relation to valley setting in the source region of the Yangtze and Yellow Rivers. <i>Journal of Chinese Geography</i> , 2013 , 23, 817-832	3.7	14
10	Analysis of controls upon channel planform at the First Great Bend of the Upper Yellow River, Qinghai-Tibet Plateau. <i>Journal of Chinese Geography</i> , 2013 , 23, 833-848	3.7	13
9	An exploratory analysis of benthic macroinvertebrates as indicators of the ecological status of the Upper Yellow and Yangtze Rivers. <i>Journal of Chinese Geography</i> , 2013 , 23, 871-882	3.7	23
8	Stability of landslide dams and development of knickpoints. <i>Environmental Earth Sciences</i> , 2012 , 65, 1067-1080	2.1	23
7	Gender of large river deltas and parasitizing rivers. <i>International Journal of Sediment Research</i> , 2012 , 27, 18-36	3	12
6	Bed load transport under different streambed conditions [a field experimental study in a mountain stream. <i>International Journal of Sediment Research</i> , 2012 , 27, 426-438	3	8
5	Naming conventions in geomorphology: contributions and controversies in the sandstone landscape of Zhangjiajie Geopark, China. <i>Earth Surface Processes and Landforms</i> , 2011 , 36, 1981-1984	3.7	4

4	Restoration of an incised mountain stream using artificial step-pool system. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2010 , 48, 178-187	1.9	31
3	Ecological and Hydraulic Studies of Step-Pool Systems. <i>Journal of Hydraulic Engineering</i> , 2009 , 135, 705-718	54	
2	Effect of incoming sediment on the transport rate of bed load in mountain streams. <i>International Journal of Sediment Research</i> , 2009 , 24, 260-273	3	30
1	Sediment pollution and its effect on fish through food chain in the Yangtze River. <i>International Journal of Sediment Research</i> , 2008 , 23, 338-347	3	140