

Shuang Liu

List of Publications by Year in descending order

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31
papers

527
citations

840776

11
h-index

677142

22
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34
all docs

34
docs citations

34
times ranked

566
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of groundwater extraction on hydrological process over the Beijing-Tianjin-Hebei region, China. <i>Journal of Hydrology</i> , 2022, 609, 127689.	5.4	9
2	Broad valleys and barrier dams in upstream Brahmaputra efficiently retain Tibetan-sourced sediments: Evidence from palaeoflood records. <i>Quaternary Science Reviews</i> , 2022, 285, 107538.	3.0	6
3	New Insights into Ice Avalanche-Induced Debris Flows in Southeastern Tibet Using SAR Technology. <i>Remote Sensing</i> , 2022, 14, 2603.	4.0	4
4	Classification and sediment estimation for debris flow-prone catchments in the Parlung Zangbo Basin on the southeastern Tibet. <i>Geomorphology</i> , 2022, 413, 108348.	2.6	3
5	Field observation of debris-flow activities in the initiation area of the Jiangjia Gully, Yunnan Province, China. <i>Journal of Mountain Science</i> , 2022, 19, 1602-1617.	2.0	3
6	Recent two runoff-triggered debris flow events in Tibet Plateau, China. <i>Landslides</i> , 2022, 19, 2409-2422.	5.4	2
7	Coupling of the CASâ€LSM Landâ€Surface Model With the CASâ€FGOALSâ€g3 Climate System Model. <i>Journal of Advances in Modeling Earth Systems</i> , 2021, 13, e2020MS002171.	3.8	3
8	Landscape change in response to multiperiod glacial debris flows in Peilong catchment, southeastern Tibet. <i>Journal of Mountain Science</i> , 2021, 18, 567-582.	2.0	8
9	Quantitative Analysis of the Effects of an Earthquake on Rainfall Thresholds for Triggering Debris-Flow Events. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	2
10	A New Clustering Algorithm Toward Building Segmentation From Aerial Images by Utilizing RGBâ€Component Differences. <i>Earth and Space Science</i> , 2021, 8, e2020EA001571.	2.6	0
11	Optimal water use strategies for mitigating high urban temperatures. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 387-400.	4.9	5
12	Spatial distribution of debris flow-prone catchments in Hengduan mountainous area in southwestern China. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	5
13	Effects of Anthropogenic Disturbances and Climate Change on Riverine Dissolved Inorganic Nitrogen Transport. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2020MS002234.	3.8	10
14	Implementation of Groundwater Lateral Flow and Human Water Regulation in CASâ€FGOALSâ€g3. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032289.	3.3	7
15	Ensemble learning of daily river discharge modeling for two watersheds with different climates. <i>Atmospheric Science Letters</i> , 2020, 21, e1000.	1.9	8
16	Land Surface Model CASâ€LSM: Model Description and Evaluation. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2020MS002339.	3.8	10
17	Global river water warming due to climate change and anthropogenic heat emission. <i>Global and Planetary Change</i> , 2020, 193, 103289.	3.5	51
18	Topographical and geological variation of effective rainfall for debris-flow occurrence from a large-scale perspective. <i>Geomorphology</i> , 2020, 358, 107134.	2.6	20

#	ARTICLE	IF	CITATIONS
19	A New Frozen Soil Parameterization Including Frost and Thaw Fronts in the Community Land Model. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 659-679.	3.8	27
20	Comprehensive Evaluation of Satellite-Based Precipitation at Sub-Daily Time Scales Over a High-Profile Watershed with Complex Terrain. <i>Earth and Space Science</i> , 2019, 6, 2347-2361.	2.6	11
21	Effects of anthropogenic nitrogen discharge on dissolved inorganic nitrogen transport in global rivers. <i>Global Change Biology</i> , 2019, 25, 1493-1513.	9.5	42
22	A High-Resolution Land Model With Groundwater Lateral Flow, Water Use, and Soil Freeze-Thaw Front Dynamics and its Applications in an Endorheic Basin. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 7204-7222.	3.3	42
23	Global Land Surface Modeling Including Lateral Groundwater Flow. <i>Journal of Advances in Modeling Earth Systems</i> , 2018, 10, 1882-1900.	3.8	51
24	Coupled modeling of land hydrology-regional climate including human carbon emission and water exploitation. <i>Advances in Climate Change Research</i> , 2017, 8, 68-79.	5.1	11
25	Seasonal effects of irrigation on land-atmosphere latent heat, sensible heat, and carbon fluxes in semiarid basin. <i>Earth System Dynamics</i> , 2017, 8, 113-127.	7.1	30
26	Ecohydrological effects of stream-aquifer water interaction: a case study of the Heihe River basin, northwestern China. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 2333-2352.	4.9	46
27	Discharge Estimation for an Ungauged Inland River in an Arid Area Related to Anthropogenic Activities: A Case Study of Heihe River Basin, Northwestern China. <i>Advances in Meteorology</i> , 2016, 2016, 1-11.	1.6	8
28	Effects of anthropogenic water regulation and groundwater lateral flow on land processes. <i>Journal of Advances in Modeling Earth Systems</i> , 2016, 8, 1106-1131.	3.8	63
29	Efficiency enhancement of a process-based rainfall-runoff model using a new modified AdaBoost.RT technique. <i>Applied Soft Computing Journal</i> , 2014, 23, 521-529.	7.2	29
30	An innovative method for dynamic update of initial water table in XXT model based on neural network technique. <i>Applied Soft Computing Journal</i> , 2013, 13, 4185-4193.	7.2	9
31	Applicability of Modified TOPMODEL in the Arid Zone and the Humid Zone. <i>Applied Mechanics and Materials</i> , 0, 423-426, 1418-1421.	0.2	2