

Christopher Magirl

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,583
citations

471509

17
h-index

677142

22
g-index

48
all docs

48
docs citations

48
times ranked

1546
citing authors

#	ARTICLE	IF	CITATIONS
1	Landslide mobility and hazards: implications of the 2014 Oso disaster. <i>Earth and Planetary Science Letters</i> , 2015, 412, 197-208.	4.4	302
2	Dam removal: Listening in. <i>Water Resources Research</i> , 2017, 53, 5229-5246.	4.2	166
3	Large-scale dam removal on the Elwha River, Washington, USA: River channel and floodplain geomorphic change. <i>Geomorphology</i> , 2015, 228, 765-786.	2.6	163
4	Large-scale dam removal on the Elwha River, Washington, USA: Source-to-sink sediment budget and synthesis. <i>Geomorphology</i> , 2015, 246, 729-750.	2.6	131
5	Conceptualizing Ecological Responses to Dam Removal: If You Remove It, What's to Come?. <i>BioScience</i> , 2019, 69, 26-39.	4.9	96
6	Large-scale dam removal on the Elwha River, Washington, USA: Fluvial sediment load. <i>Geomorphology</i> , 2015, 246, 669-686.	2.6	78
7	Morphodynamic evolution following sediment release from the world's largest dam removal. <i>Scientific Reports</i> , 2018, 8, 13279.	3.3	77
8	Geomorphic Evolution of a Gravel-Bed River Under Sediment-Starved Versus Sediment-Rich Conditions: River Response to the World's Largest Dam Removal. <i>Journal of Geophysical Research F: Earth Surface</i> , 2018, 123, 3338-3369.	2.8	66
9	Analyzing debris flows with the statistically calibrated empirical model LAHARZ in southeastern Arizona, USA. <i>Geomorphology</i> , 2010, 119, 111-124.	2.6	44
10	Geomorphic response to flow regulation and channel and floodplain alteration in the gravel-bedded Cedar River, Washington, USA. <i>Geomorphology</i> , 2012, 179, 258-268.	2.6	39
11	Changes in the water surface profile of the Colorado River in Grand Canyon, Arizona, between 1923 and 2000. <i>Water Resources Research</i> , 2005, 41, .	4.2	29
12	Spatial distribution and frequency of precipitation during an extreme event: July 2006 mesoscale convective complexes and floods in southeastern Arizona. <i>Water Resources Research</i> , 2009, 45, .	4.2	29
13	Reprint of: Large-scale dam removal on the Elwha River, Washington, USA: River channel and floodplain geomorphic change. <i>Geomorphology</i> , 2015, 246, 687-708.	2.6	28
14	Water velocity and the nature of critical flow in large rapids on the Colorado River, Utah. <i>Water Resources Research</i> , 2009, 45, .	4.2	24
15	River turbidity and sediment loads during dam removal. <i>Eos</i> , 2012, 93, 425-426.	0.1	19
16	Hydroclimatic Conditions Preceding the March 2014 Oso Landslide*. <i>Journal of Hydrometeorology</i> , 2015, 16, 1243-1249.	1.9	19
17	Impact of recent extreme Arizona storms. <i>Eos</i> , 2007, 88, 191-193.	0.1	18
18	Debris flow deposition and reworking by the Colorado River in Grand Canyon, Arizona. <i>Water Resources Research</i> , 2006, 42, .	4.2	16

#	ARTICLE	IF	CITATIONS
19	The timing of scour and fill in a gravel-bedded river measured with buried accelerometers. <i>Journal of Hydrology</i> , 2013, 495, 186-196.	5.4	14
20	The geomorphic legacy of water and erosion control structures in a semiarid rangeland watershed. <i>Earth Surface Processes and Landforms</i> , 2018, 43, 909-918.	2.5	14
21	Streambed scour of salmon spawning habitat in a regulated river influenced by management of peak discharge. <i>Freshwater Biology</i> , 2018, 63, 917-927.	2.4	9
22	Effect of river confinement on depth and spatial extent of bed disturbance affecting salmon redds. <i>Journal of Ecohydraulics</i> , 2018, 3, 4-17.	3.1	4
23	ADV Point Measurements within Rapids of the Colorado River in Grand Canyon. , 2006, , 1.		1