

Leslie Hsu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4959083/publications.pdf>

Version: 2024-02-01

20
papers

650
citations

840585

11
h-index

794469

19
g-index

33
all docs

33
docs citations

33
times ranked

1262
citing authors

#	ARTICLE	IF	CITATIONS
1	Methyl iodide: Atmospheric budget and use as a tracer of marine convection in global models. <i>Journal of Geophysical Research</i> , 2002, 107, ACH 8-1-ACH 8-12.	3.3	152
2	A seismic signature of river bedload transport during storm events. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	81
3	Intelligent systems for geosciences. <i>Communications of the ACM</i> , 2018, 62, 76-84.	3.3	71
4	Frictional behavior of granular gravel-ice mixtures in vertically rotating drum experiments and implications for rock-ice avalanches. <i>Cold Regions Science and Technology</i> , 2011, 69, 70-90.	1.6	55
5	Experimental study of bedrock erosion by granular flows. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	51
6	Mean and fluctuating basal forces generated by granular flows: Laboratory observations in a large vertically rotating drum. <i>Journal of Geophysical Research F: Earth Surface</i> , 2014, 119, 1283-1309.	1.0	43
7	Observations Data Model 2: A community information model for spatially discrete Earth observations. <i>Environmental Modelling and Software</i> , 2016, 79, 55-74.	1.9	40
8	Surface creep along the Longitudinal Valley fault, Taiwan from InSAR measurements. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	32
9	Correlation and dating of Quaternary alluvial-fan surfaces using scarp diffusion. <i>Geomorphology</i> , 2004, 60, 319-335.	1.1	24
10	Data management, sharing, and reuse in experimental geomorphology: Challenges, strategies, and scientific opportunities. <i>Geomorphology</i> , 2015, 244, 180-189.	1.1	23
11	Open Data: Crediting a Culture of Cooperation. <i>Science</i> , 2013, 342, 1041-4042.	6.0	13
12	Historic seismicity near the source zone of the great 2008 Wenchuan earthquake: Implications for seismic hazards. <i>Tectonophysics</i> , 2013, 584, 114-118.	0.9	8
13	Guest Editorial: Special issue Rescuing Legacy data for Future Science. <i>GeoResJ</i> , 2015, 6, 106-107.	1.4	8
14	Rescue of long-tail data from the ocean bottom to the Moon: IEDA Data Rescue Mini-Awards. <i>GeoResJ</i> , 2015, 6, 108-114.	1.4	6
15	Enhancing Interoperability and Capabilities of Earth Science Data using the Observations Data Model 2 (ODM2). <i>Data Science Journal</i> , 2017, 16, .	0.6	6
16	Measuring sustainability of seed-funded earth science informatics projects. <i>PLoS ONE</i> , 2019, 14, e0222807.	1.1	5
17	Paths to computational fluency for natural resource educators, researchers, and managers. <i>Natural Resource Modelling</i> , 2021, 34, e12318.	0.8	2
18	Building a Sediment Experimentalist Network (SEN): sharing best practices for experimental methods and data management. <i>The Sedimentary Record</i> , 2013, 11, 9-12.	0.4	2

#	ARTICLE	IF	CITATIONS
19	Four Things You Can Do To Extend the Impact, Reach, and Longevity of Your Research Data. Bulletin of the Ecological Society of America, 2013, 94, 389-393.	0.2	1
20	Correction to "Experimental study of bedrock erosion by granular flows". Journal of Geophysical Research, 2008, 113, .	3.3	0