

Jill A Marshall

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

870
citations

759055

12
h-index

1058333

14
g-index

19
all docs

19
docs citations

19
times ranked

1239
citing authors

#	ARTICLE	IF	CITATIONS
1	Extensive Frost Weathering Across Unglaciaded North America During the Last Glacial Maximum. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090305.	1.5	19
2	The interplay between physical and chemical erosion over glacial-interglacial cycles. <i>Geology</i> , 2019, 47, 613-616.	2.0	15
3	The problem of predicting the size distribution of sediment supplied by hillslopes to rivers. <i>Geomorphology</i> , 2017, 277, 31-49.	1.1	123
4	Late Quaternary climatic controls on erosion rates and geomorphic processes in western Oregon, USA. <i>Bulletin of the Geological Society of America</i> , 2017, 129, 715-731.	1.6	43
5	Growing new generations of critical zone scientists. <i>Earth Surface Processes and Landforms</i> , 2017, 42, 2498-2502.	1.2	7
6	Reviews and syntheses: on the roles trees play in building and plumbing the critical zone. <i>Biogeosciences</i> , 2017, 14, 5115-5142.	1.3	130
7	Modeling relative frost weathering rates at geomorphic scales. <i>Earth and Planetary Science Letters</i> , 2016, 453, 87-95.	1.8	49
8	Corrigendum to "Laser vision: lidar as a transformative tool to advance critical zone science" published in <i>Hydrology and Earth System Sciences</i> , 2015, 19, 2943-2943.	1.9	1
9	Laser vision: lidar as a transformative tool to advance critical zone science. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 2881-2897.	1.9	37
10	Frost for the trees: Did climate increase erosion in unglaciaded landscapes during the late Pleistocene?. <i>Science Advances</i> , 2015, 1, e1500715.	4.7	70
11	Diagenetic variation in the Oregon Coast Range: Implications for rock strength, soil production, hillslope form, and landscape evolution. <i>Journal of Geophysical Research F: Earth Surface</i> , 2014, 119, 1395-1417.	1.0	30
12	"You are HERE": Connecting the dots with airborne lidar for geomorphic fieldwork. <i>Geomorphology</i> , 2013, 200, 172-183.	1.1	112
13	Mining soil databases for landscape-scale patterns in the abundance and size distribution of hillslope rock fragments. <i>Earth Surface Processes and Landforms</i> , 2012, 37, 287-300.	1.2	40
14	Evidence for biotic controls on topography and soil production. <i>Earth and Planetary Science Letters</i> , 2010, 298, 183-190.	1.8	178