Jill A Marshall

List of Publications by Year
in descending order

14	870	759055 12	1058333 14
papers	citations	h-index	g-index

19	19	19	1239
all docs	docs citations	times ranked	citing authors

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