Marie D Jackson

List of Publications by Year
in descending order

26 papers	1,580 citations	623734 14 h-index	677142 22 g-index
33 all docs	33 docs citations	33 times ranked	1226 citing authors

#	Article	IF	Citations
1	Reactive binder and aggregate interfacial zones in the mortar of Tomb of Caecilia Metella concrete, 1C BCE, Rome. Journal of the American Ceramic Society, 2022, 105, 1503-1518.	3.8	10
2	Alteration progress within the Surtsey hydrothermal system, SW Iceland â€“ A time-lapse petrographic study of cores drilled in 1979 and 2017. Journal of Volcanology and Geothermal Research, 2020, 392, 106754.	2.1	14
3	The Surtsey volcano geothermal system: An analogue for seawater-oceanic crust interaction with implications for the elemental budget of the oceanic crust. Chemical Geology, 2020, 550, 119702.	3.3	11
4	Authigenic Mineral Texture in Submarine 1979 Basalt Drill Core, Surtsey Volcano, Iceland. Geochemistry, Geophysics, Geosystems, 2019, 20, 3751-3773.	2.5	10
5	Phillipsite and Al-tobermorite mineral cements produced through low-temperature water-rock reactions in Roman marine concrete. American Mineralogist, 2017, 102, 1435-1450.	1.9	140
6	Material characteristics of ancient Chinese lime binder and experimental reproductions with organic admixtures. Construction and Building Materials, 2015, 84, 477-488.	7.2	69
7	Mechanical resilience and cementitious processes in Imperial Roman architectural mortar. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 18484-18489.	7.1	163
8	High-volume natural volcanic pozzolan and limestone powder as partial replacements for portland cement in self-compacting and sustainable concrete. Cement and Concrete Composites, 2014, 45, 136-147.	10.7	214
9	New Proposed Drilling at Surtsey Volcano, Iceland. Eos, 2014, 95, 488-488.	0.1	2
10	Unlocking the secrets of Al-tobermorite in Roman seawater concrete. American Mineralogist, 2013, 98, 1669-1687.	1.9	133
11	The fracture toughness of an Imperial Roman mortar. Engineering Fracture Mechanics, 2013, 102, 65-76.	4.3	11
12	Material and Elastic Properties of <scp><scp>Al</scp></scp>â€Tobermorite in Ancient Roman Seawater Concrete. Journal of the American Ceramic Society, 2013, 96, 2598-2606.	3.8	106
13	Cement Microstructures and Durability in Ancient Roman Seawater Concretes. RILEM Bookseries, 2012, , 49-76.	0.4	17
14	BUILDING MATERIALS OF THE THEATRE OF MARCELLUS, ROME*. Archaeometry, 2011, 53, 728-742.	1.3	25
15	Innovative Experimentation on Ancient Material: Exploring the Fracture of Imperial Roman Concrete. , 2010, , .		0
16	Midâ€Pleistocene pozzolanic volcanic ash in ancient Roman concretes. Geoarchaeology - an International Journal, 2010, 25, 36-74.	1.5	72
17	Assessment of material characteristics of ancient concretes, Grande Aula, Markets of Trajan, Rome. Journal of Archaeological Science, 2009, 36, 2481-2492.	2.4	62
18	THE JUDICIOUS SELECTION AND PRESERVATION OF TUFF AND TRAVERTINE BUILDING STONE IN ANCIENT ROME*. Archaeometry, 2005, 47, 485-510.	1.3	64

#	Article	IF	Citations
19	Flexure and faulting of sedimentary host rocks during growth of igneous domes, Henry Mountains, Utah. Journal of Structural Geology, 1990, 12, 185-206.	2.3	66
20	The laccolith-stock controversy: New results from the southern Henry Mountains, Utah: Discussion and reply. Bulletin of the Geological Society of America, 1988, 100, 1657-1659.	3.3	2
21	The laccolith-stock controversy: New results from the southern Henry Mountains, Utah. Bulletin of the Geological Society of America, 1988, 100, 117-139.	3.3	132
22	Extension and contraction of faulted marker planes. Geology, 1985, 13, 569.	4.4	1
23	High Temperature Dikes in Peridotites: Origin by Hydraulic Fracturing. Journal of Petrology, 1982, 23, 568-582.	2.8	102
24	Time-lapse characterization of hydrothermal seawater and microbial interactions with basaltic tephra at Surtsey Volcano. Scientific Drilling, 0, 20, 51-58.	0.6	14
25	SUSTAIN drilling at Surtsey volcano, Iceland, tracks hydrothermal and microbiological interactions in basalt 50 years after eruption. Scientific Drilling, 0, 25, 35-46.	0.6	16
26	Design of the subsurface observatory at Surtsey volcano, Iceland. Scientific Drilling, 0, 25, 57-62.	0.6	3