

Mark E Stelten

List of Publications by Year in descending order

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papers

446
citations

933447

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docs citations

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499
citing authors

#	ARTICLE	IF	CITATIONS
1	Interpreting and reporting $^{40}\text{Ar}/^{39}\text{Ar}$ geochronologic data. <i>Bulletin of the Geological Society of America</i> , 2021, 133, 461-487.	3.3	102
2	Mechanisms and Timescales of Generating Eruptible Rhyolitic Magmas at Yellowstone Caldera from Zircon and Sanidine Geochronology and Geochemistry. <i>Journal of Petrology</i> , 2015, 56, 1607-1642.	2.8	82
3	Volcanic history of the northernmost part of the Harrat Rahat volcanic field, Saudi Arabia. , 2018, 14, 1253-1282.		47
4	Constraints on the nature of the subvolcanic reservoir at South Sister volcano, Oregon from U-series dating combined with sub-crystal trace-element analysis of plagioclase and zircon. <i>Earth and Planetary Science Letters</i> , 2012, 313-314, 1-11.	4.4	42
5	Magma mixing and the generation of isotopically juvenile silicic magma at Yellowstone caldera inferred from coupling ^{238}U – ^{230}Th ages with trace elements and Hf and O isotopes in zircon and Pb isotopes in sanidine. <i>Contributions To Mineralogy and Petrology</i> , 2013, 166, 587-613.	3.1	41
6	Episodic Holocene eruption of the Shalton Buttes rhyolites, California, from paleomagnetic, U–Th, and Ar–Ar dating. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 1198-1210.	2.5	21
7	Reconstructing lava flow emplacement histories with rheological and morphological analyses: the Harrat Rahat volcanic field, Kingdom of Saudi Arabia. <i>Bulletin of Volcanology</i> , 2018, 80, 1.	3.0	18
8	The role of mantle-derived magmas in the isotopic evolution of Yellowstone's magmatic system. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 1350-1365.	2.5	17
9	Constraining the Early Eruptive History of the Mono Craters Rhyolites, California, Based on ^{238}U – ^{230}Th Isochron Dating of Their Explosive and Effusive Products. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 1539-1556.	2.5	14
10	The timing and origin of pre- and post-caldera volcanism associated with the Mesa Falls Tuff, Yellowstone Plateau volcanic field. <i>Journal of Volcanology and Geothermal Research</i> , 2018, 350, 47-60.	2.1	12
11	^{238}U – ^{230}Th dating of chevkinite in high-silica rhyolites from La Primavera and Yellowstone calderas. <i>Chemical Geology</i> , 2014, 390, 109-118.	3.3	11
12	Coexisting Discrete Bodies of Rhyolite and Punctuated Volcanism Characterize Yellowstone's Post-Lava Creek Tuff Caldera Evolution. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 3861-3881.	2.5	10
13	Timescales of magmatic differentiation from alkali basalt to trachyte within the Harrat Rahat volcanic field, Kingdom of Saudi Arabia. <i>Contributions To Mineralogy and Petrology</i> , 2018, 173, 1.	3.1	9
14	The timing and compositional evolution of volcanism within northern Harrat Rahat, Kingdom of Saudi Arabia. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 1381-1403.	3.3	8
15	Contrasting perspectives on the Lava Creek Tuff eruption, Yellowstone, from new U–Pb and $^{40}\text{Ar}/^{39}\text{Ar}$ age determinations. <i>Bulletin of Volcanology</i> , 2018, 80, 1.	3.0	5