Jonathan S Miller

List of Publications by Year
in descending order

29 papers	2,431 citations	430874 18 h-index	713466 21 g-index
29 all docs	29 docs citations	29 times ranked	2013 citing authors

#	Article	IF	Citations
1	Hafnium isotope characterization of the GJ-1 zircon reference material by solution and laser-ablation MC-ICPMS. Chemical Geology, 2008, 255, 231-235.	3.3	675
2	Zircon growth and recycling during the assembly of large, composite arc plutons. Journal of Volcanology and Geothermal Research, 2007, 167, 282-299.	2.1	535
3	Growth of plutons by incremental emplacement of sheets in crystal-rich host: Evidence from Miocene intrusions of the Colorado River region, Nevada, USA. Tectonophysics, 2011, 500, 65-77.	2.2	173
4	Geology and geochronology of the Spirit Mountain batholith, southern Nevada: Implications for timescales and physical processes of batholith construction. Journal of Volcanology and Geothermal Research, 2007, 167, 239-262.	2.1	148
5	Contrasting stratified plutons exposed in tilt blocks, Eldorado Mountains, Colorado River Rift, NV, USA. Lithos, 2002, 61, 209-224.	1.4	112
6	Construction of a pluton: Evidence from an exposed cross section of the Searchlight pluton, Eldorado Mountains, Nevada. Bulletin of the Geological Society of America, 2001, 113, 1213-1228.	3.3	105
7	Residence, Resorption and Recycling of Zircons in Devils Kitchen Rhyolite, Coso Volcanic Field, California. Journal of Petrology, 2004, 45, 2155-2170.	2.8	104
8	A Pan-African thermal event in southern India. Journal of Southeast Asian Earth Sciences, 1996, 14, 127-136.	0.2	78
9	Sphene and zircon in the Highland Range volcanic sequence (Miocene, southern Nevada, USA): elemental partitioning, phase relations, and influence on evolution of silicic magma. Mineralogy and Petrology, 2011, 102, 29-50.	1.1	76
10	The Coso geothermal field: A nascent metamorphic core complex. Bulletin of the Geological Society of America, 2005, 117, 1534.	3.3	62
11	Geochronologic and isotopic evidence for Triassic-Jurassic emplacement of the eugeoclinal allochthon in the Mojave Desert region, California. Bulletin of the Geological Society of America, 1995, 107, 1441-1457.	3.3	61
12	A Sr, Nd, and Pb isotopic study of mantle domains and crustal structure from Miocene volcanic rocks in the Mojave Desert, California. Bulletin of the Geological Society of America, 2000, 112, 1264-1279.	3.3	44
13	Tectonic significance of Late Neoproterozoic granites from the Tibesti massif in southern Libya inferred from Sr and Nd isotopes and Uâ€“Pb zircon data. Journal of African Earth Sciences, 2006, 44, 561-570.	2.0	31
14	Assembling a plutonâ€¦ one increment at a time. Geology, 2008, 36, 511.	4.4	30
15	Ireteba Pluton, Eldorado Mountains, Nevada: Late, Deepâ€Source, Peraluminous Magmatism in the Cordilleran Interior. Journal of Geology, 2002, 110, 649-669.	1.4	27
16	Construction, solidification and internal differentiation of a large felsic arc pluton: Cathedral Peak granodiorite, Sierra Nevada Batholith. Geological Society Special Publication, 2008, 304, 203-233.	1.3	25
17	Muscovite-garnet granites in the Mojave Desert: Relation to crustal structure of the Cretaceous arc. Geology, 1996, 24, 335.	4.4	22
18	Jurassic plutonism and crustal evolution in the central Mojave Desert, California. Contributions To Mineralogy and Petrology, 1995, 118, 379-395.	3.1	21

#	Article	IF	Citations
19	A new reconstruction of the Paleozoic continental margin of southwestern North America: Implications for the nature and timing of continental truncation and the possible role of the Mojave-Sonora megashear. , 2005, , .		17
20	Growth and maturation of a mid- to shallow-crustal intrusive complex, North Cascades, Washington. , 2016, 12, 1489-1516.		16
21	Tertiary extensionâ€related volcanism, Old Woman Mountains area eastern Mojave Desert, California. Journal of Geophysical Research, 1991, 96, 13629-13643.	3.3	14
22	Constraining the Early Eruptive History of the Mono Craters Rhyolites, California, Based on ²³⁸Uâ€²³⁰Th Isochron Dating of Their Explosive and Effusive Products. Geochemistry, Geophysics, Geosystems, 2019, 20, 1539-1556.	2.5	14
23	The Ingalls ophiolite complex, central Cascades, Washington: Geochemistry, tectonic setting, and regional correlations. , 2008, , 133-159.		10
24	Hafnium, oxygen, neodymium, strontium, and lead isotopic constraints on magmatic evolution of the supereruptive southern Black Mountains volcanic center, Arizona, U.S.A.: A combined LASS zirconâ€“whole-rock study. American Mineralogist, 2016, 101, 311-327.	1.9	10
25	Chemical variability and the composite nature of dikes from the Jurassic Independence dike swarm, eastern California. , 2008, , 455-480.		7
26	Cretaceous arc tectonism in the Mojave block: Profound crustal modification that controlled subsequent tectonic regimes. , 2002, , .		6
27	Formation of a sheeted intrusive complex within the deep-crustal Tenpeak pluton, North Cascades, Washington. , 2017, 13, 1610-1639.		6
28	Mesozoic geologic evolution of Alvord Mountain, central Mojave Desert, California. , 2002, , .		1
29	Time scale for the development of thickened crust in the Cretaceous North Cascades magmatic arc, Washington, and relationship to Cretaceous flare-up magmatism. Lithosphere, 0, , .	1.4	1