

Suzanne Mahlburg Kay

List of Publications by Year in descending order

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34
papers

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citations

411340
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2309
citing authors

#	ARTICLE	IF	CITATIONS
1	What drives Fe depletion in calc-alkaline magma differentiation: Insights from Fe isotopes. <i>Geology</i> , 2022, 50, 552-556.	2.0	10
2	Cenozoic ash-fall deposits in the Andean foreland basins, Northwest Argentina (23°-26°S) - Key to reconstruct their chrono-stratigraphy and to identify links to the Andean Neogene ignimbrite flare-up. <i>Journal of South American Earth Sciences</i> , 2022, 116, 103792.	0.6	3
3	The Andes. , 2021, , 1-15.		0
4	The Calc-Alkaline Hidden Bay and Kagalaska Plutons and the Construction of the Central Aleutian Oceanic Arc Crust. <i>Journal of Petrology</i> , 2019, 60, 393-439.	1.1	22
5	Origin of late Miocene Peraluminous Mn-rich Garnet-bearing Rhyolitic Ashes in the Andean Foreland (Northern Argentina). <i>Journal of Volcanology and Geothermal Research</i> , 2018, 364, 20-34.	0.8	15
6	Quantifying arc migration and the role of forearc subduction erosion in the central Aleutians. <i>Journal of Volcanology and Geothermal Research</i> , 2018, 360, 84-99.	0.8	28
7	Tectonostratigraphic history of the Neogene Maimará basin, Northwest Argentina. <i>Journal of South American Earth Sciences</i> , 2016, 72, 137-158.	0.6	7
8	Magma sources and tectonic setting of Central Andean andesites (25.5°-28°S) related to crustal thickening, forearc subduction erosion and delamination. <i>Geological Society Special Publication</i> , 2014, 385, 303-334.	0.8	37
9	Origin of Tertiary to Recent EM- and subduction-like chemical and isotopic signatures in Auca Mahuida region (37°-38°S) and other Patagonian plateau lavas. <i>Contributions To Mineralogy and Petrology</i> , 2013, 166, 165-192.	1.2	37
10	Andean Adakite-like high-Mg Andesites on the Northern Margin of the Chilean Pampean Flat-slab (27°-28°-5°S) Associated with Frontal Arc Migration and Fore-arc Subduction Erosion. <i>Journal of Petrology</i> , 2013, 54, 2193-2234.	1.1	71
11	Geochemical, isotopic and single crystal ⁴⁰ Ar/ ³⁹ Ar age constraints on the evolution of the Cerro Galán ignimbrites. <i>Bulletin of Volcanology</i> , 2011, 73, 1487-1511.	1.1	63
12	Regional chemical diversity, crustal and mantle sources and evolution of central Andean Puna plateau ignimbrites. <i>Journal of Volcanology and Geothermal Research</i> , 2010, 198, 81-111.	0.8	152
13	Shallowing and steepening subduction zones, continental lithospheric loss, magmatism, and crustal flow under the Central Andean Altiplano-Puna Plateau. , 2009, , .		98
14	Field trip guide: Neogene evolution of the central Andean Puna plateau and southern Central Volcanic Zone. , 2008, , 117-181.		7
15	Paleogene and Neogene magmatism in the Valle del Cura region: New perspective on the evolution of the Pampean flat slab, San Juan province, Argentina. <i>Journal of South American Earth Sciences</i> , 2007, 24, 117-137.	0.6	38
16	Upper Cretaceous to Holocene magmatism and evidence for transient Miocene shallowing of the Andean subduction zone under the northern Neuquén Basin. , 2006, , .		49
17	Overview of the tectonic evolution of the southern Central Andes of Mendoza and Neuquén (35°-39°S latitude). , 2006, , .		34
18	Early to middle Miocene backarc magmas of the Neuquén Basin: Geochemical consequences of slab shallowing and the westward drift of South America. , 2006, , .		16

#	ARTICLE	IF	CITATIONS
19	Evolution of the late Miocene Chachahuéñ volcanic complex at 37°S over a transient shallow subduction zone under the Neuquén Andes. , 2006, , .		17
20	Episodic arc migration, crustal thickening, subduction erosion, and magmatism in the south-central Andes. Bulletin of the Geological Society of America, 2005, 117, 67.	1.6	406
21	Magmatism as a probe to the Neogene shallowing of the Nazca plate beneath the modern Chilean flat-slab. Journal of South American Earth Sciences, 2002, 15, 39-57.	0.6	339
22	Central Andean Ore Deposits Linked to Evolving Shallow Subduction Systems and Thickening Crust. GSA Today, 2001, 11, 4.	1.1	289
23	Neogene Magmatism, Tectonism, and Mineral Deposits of the Central Andes (22° to 33° S Latitude). , 1999, , .		87
24	Pocho volcanic rocks and the melting of depleted continental lithosphere above a shallowly dipping subduction zone in the central Andes. Contributions To Mineralogy and Petrology, 1994, 117, 25-44.	1.2	90
25	Young mafic back arc volcanic rocks as indicators of continental lithospheric delamination beneath the Argentine Puna Plateau, central Andes. Journal of Geophysical Research, 1994, 99, 24323-24339.	3.3	320
26	Tertiary Magmatic Evolution of the Maricunga Mineral Belt in Chile. International Geology Review, 1994, 36, 1079-1112.	1.1	73
27	Implications of Quaternary volcanism at Cerro Tuzgle for crustal and mantle evolution of the Puna Plateau, Central Andes, Argentina. Contributions To Mineralogy and Petrology, 1993, 113, 40-58.	1.2	78
28	Southern Patagonian plateau basalts and deformation: Backarc testimony of ridge collisions. Tectonophysics, 1992, 205, 261-282.	0.9	261
29	Late Paleozoic to Triassic evolution of the Gondwana margin: Evidence from Chilean Frontal Cordilleran batholiths (28°S to 31°S). Bulletin of the Geological Society of America, 1992, 104, 999-1014.	1.6	171
30	The influence of amphibole fractionation on the evolution of calc-alkaline andesite and dacite tephra from the central Aleutians, Alaska. Contributions To Mineralogy and Petrology, 1992, 112, 101-118.	1.2	98
31	Magma source variations for mid- to late Tertiary magmatic rocks associated with a shallowing subduction zone and a thickening crust in the central Andes (28 to 33°S). Special Paper of the Geological Society of America, 1991, , 113-138.	0.5	143
32	Late Paleozoic to Jurassic silicic magmatism at the Gondwana margin: Analogy to the Middle Proterozoic in North America?. Geology, 1989, 17, 324.	2.0	300
33	Tholeiitic Aleutian arc plutonism: The Finger Bay pluton, Adak, Alaska. Contributions To Mineralogy and Petrology, 1983, 82, 99-116.	1.2	50
34	Aleutian magmas in space and time. , 0, , 687-717.		24