

Riccardo Avanzinelli

List of Publications by Year in descending order

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33
papers

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citations

331670

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Trace elements and Sr ⁸⁷ /Nd ¹⁴³ /Pb isotopes of K-rich, shoshonitic, and calc-alkaline magmatism of the Western Mediterranean Region: Genesis of ultrapotassic to calc-alkaline magmatic associations in a post-collisional geodynamic setting. <i>Lithos</i> , 2009, 107, 68-92.	1.4	267
2	Potassic and ultrapotassic magmatism in the circum-Tyrrhenian region: Significance of carbonated pelitic vs. pelitic sediment recycling at destructive plate margins. <i>Lithos</i> , 2009, 113, 213-227.	1.4	180
3	The Th/La and Sm/La conundrum of the Tethyan realm lamproites. <i>Earth and Planetary Science Letters</i> , 2011, 301, 469-478.	4.4	129
4	Isotope geochemistry (Sr ⁸⁷ /Nd ¹⁴³ /Pb) and petrogenesis of leucite-bearing volcanic rocks from the Colli Albani volcano, Roman Magmatic Province, Central Italy: inferences on volcano evolution and magma genesis. <i>Bulletin of Volcanology</i> , 2009, 71, 977-1005.	3.0	118
5	Constraints on the Genesis of Potassium-rich Italian Volcanic Rocks from U/Th Disequilibrium. <i>Journal of Petrology</i> , 2007, 49, 195-223.	2.8	102
6	Shoshonite and sub-alkaline magmas from an ultrapotassic volcano: Sr ⁸⁷ /Nd ¹⁴³ /Pb isotope data on the Roccamonfina volcanic rocks, Roman Magmatic Province, Southern Italy. <i>Contributions To Mineralogy and Petrology</i> , 2009, 157, 41-63.	3.1	96
7	The role of carbon from recycled sediments in the origin of ultrapotassic igneous rocks in the Central Mediterranean. <i>Lithos</i> , 2015, 232, 174-196.	1.4	92
8	Low Ni olivine in silica-undersaturated ultrapotassic igneous rocks as evidence for carbonate metasomatism in the mantle. <i>Earth and Planetary Science Letters</i> , 2016, 444, 64-74.	4.4	86
9	Crystallisation and genesis of peralkaline magmas from Pantelleria Volcano, Italy: an integrated petrological and crystal-chemical study. <i>Lithos</i> , 2004, 73, 41-69.	1.4	84
10	Crystal recycling in the steady-state system of the active Stromboli volcano: a 2.5-ka story inferred from in situ Sr-isotope and trace element data. <i>Contributions To Mineralogy and Petrology</i> , 2012, 163, 109-131.	3.1	64
11	Shift from lamproite-like to leucititic rocks: Sr ⁸⁷ /Nd ¹⁴³ /Pb isotope data from the Monte Cimino volcanic complex vs. the Vico stratovolcano, Central Italy. <i>Chemical Geology</i> , 2013, 353, 246-266.	3.3	62
12	Evidence of paleocold seep activity from the Bay of Bengal, offshore India. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	2.5	61
13	The Fate of High-Angle Dipping Slabs in the Subduction Factory: an Integrated Trace Element and Radiogenic Isotope (U, Th, Sr, Nd, Pb) Study of Stromboli Volcano, Aeolian Arc, Italy. <i>Journal of Petrology</i> , 2007, 48, 2407-2430.	2.8	57
14	Combined ²³⁸ U- ²³⁰ Th and ²³⁵ U- ²³¹ Pa constraints on the transport of slab-derived material beneath the Mariana Islands. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 92, 308-328.	3.9	46
15	Sr-Nd-Pb isotopes from the Radicofani Volcano, Central Italy: constraints on heterogeneities in a veined mantle responsible for the shift from ultrapotassic shoshonite to basaltic andesite magmas in a post-collisional setting. <i>Mineralogy and Petrology</i> , 2011, 103, 123-148.	1.1	44
16	Leucite-bearing (kamafugitic/leucititic) and "free" (lamproitic) ultrapotassic rocks and associated shoshonites from Italy: constraints on petrogenesis and geodynamics. <i>Journal of the Virtual Explorer</i> , 0, 36, .	0.0	41
17	Recycling of crystal mush-derived melts and short magma residence times revealed by U-series disequilibria at Stromboli volcano. <i>Earth and Planetary Science Letters</i> , 2014, 404, 206-219.	4.4	38
18	High pressure phase relations of subducted volcanoclastic sediments from the west pacific and their implications for the geochemistry of Mariana arc magmas. <i>Chemical Geology</i> , 2013, 342, 94-109.	3.3	33

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19	Ce/Mo and Molybdenum Isotope Systematics in Subduction-Related Orogenic Potassic Magmas of Central-Southern Italy. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 2753-2768.	2.5	31
20	Carbon fluxes from subducted carbonates revealed by uranium excess at Mount Vesuvius, Italy. <i>Geology</i> , 2018, 46, 259-262.	4.4	27
21	The Cretaceous to Paleogene within-plate magmatism of Pachino-Capo Passero (southeastern Sicily) and Adria (La Queglia and Pietre Nere, southern Italy): geochemical and isotopic evidence against a plume-related origin of circum-Mediterranean magmas. <i>European Journal of Mineralogy</i> , 2012, 24, 73-96.	1.3	25
22	A west-east geochemical and isotopic traverse along the volcanism of the Aeolian Island arc, southern Tyrrhenian Sea, Italy: Inferences on mantle source processes. , 2007, , .		24
23	Heavy oxygen recycled into the lithospheric mantle. <i>Scientific Reports</i> , 2019, 9, 8793.	3.3	23
24	Melting versus contamination effects on ^{238}U - ^{230}Th - ^{226}Ra and ^{235}U - ^{231}Pa disequilibria in lavas from São Miguel, Azores. <i>Chemical Geology</i> , 2014, 381, 94-109.	3.3	20
25	Mantle melting in within-plate continental settings: Sr-Nd-Pb and U-series isotope constraints in alkali basalts from the Sicily Channel (Pantelleria and Linosa Islands, Southern Italy). <i>Lithos</i> , 2014, 188, 113-129.	1.4	16
26	Geochemical and radiogenic isotope probes of Ischia volcano, Southern Italy: Constraints on magma chamber dynamics and residence time. <i>American Mineralogist</i> , 2017, 102, 262-274.	1.9	15
27	Petrogenesis of Mediterranean lamproites and associated rocks: The role of overprinted metasomatic events in the post-collisional lithospheric upper mantle. <i>Geological Society Special Publication</i> , 2022, 513, 271-296.	1.3	13
28	A carbon-rich lithospheric mantle as a source for the large CO ₂ emissions of Etna volcano (Italy). <i>Geology</i> , 2022, 50, 486-490.	4.4	13
29	Subduction-related hybridization of the lithospheric mantle revealed by trace element and Sr-Nd-Pb isotopic data in composite xenoliths from Tallante (Betic Cordillera, Spain). <i>Lithos</i> , 2020, 352-353, 105316.	1.4	12
30	Crystal-mush reactivation by magma recharge: Evidence from the Campanian Ignimbrite activity, Campi Flegrei volcanic field, Italy. <i>Lithos</i> , 2020, 376-377, 105780.	1.4	9
31	Upper mantle control on the W isotope record of shallow level plume and intraplate volcanic settings. <i>Earth and Planetary Science Letters</i> , 2022, 585, 117507.	4.4	6
32	Strontium Isotopes in Biological Material: A Key Tool for the Geographic Traceability of Foods and Humans Beings. , 2018, , 145-166.		5
33	High-Precision In Situ $^{87}\text{Sr}/^{86}\text{Sr}$ Analyses through Microsampling on Solid Samples: Applications to Earth and Life Sciences. <i>Journal of Analytical Methods in Chemistry</i> , 2018, 2018, 1-20.	1.6	3