

Samuele Agostini

List of Publications by Year in descending order

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57
papers

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citations

304743

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302126

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docs citations

60
times ranked

1782
citing authors

#	ARTICLE	IF	CITATIONS
1	Neogene and Quaternary volcanism in Western Anatolia: Magma sources and geodynamic evolution. <i>Marine Geology</i> , 2005, 221, 397-421.	2.1	149
2	The Pali Aike Volcanic Field, Patagonia: slab-window magmatism near the tip of South America. <i>Tectonophysics</i> , 2000, 321, 407-427.	2.2	140
3	Slab window-related magmatism from southernmost South America: the Late Miocene mafic volcanics from the Estancia Glencross Area (34°52'S, Argentina-Chile). <i>Lithos</i> , 2001, 57, 67-89.	1.4	111
4	Drying and dying of a subducted slab: Coupled Li and B isotope variations in Western Anatolia Cenozoic Volcanism. <i>Earth and Planetary Science Letters</i> , 2008, 272, 139-147.	4.4	90
5	On the geodynamics of the Aegean rift. <i>Tectonophysics</i> , 2010, 488, 7-21.	2.2	89
6	11B-rich fluids in subduction zones: The role of antigorite dehydration in subducting slabs and boron isotope heterogeneity in the mantle. <i>Chemical Geology</i> , 2014, 376, 20-30.	3.3	66
7	On the extension in western Anatolia and the Aegean sea. <i>Journal of the Virtual Explorer</i> , 0, 08, .	0.0	65
8	Evidence for serpentinite fluid in convergent margin systems: The example of El Salvador (Central Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.5	59
9	Linking serpentinite geochemistry with tectonic evolution at the subduction plate-interface: The Voltri Massif case study (Ligurian Western Alps, Italy). <i>Geochimica Et Cosmochimica Acta</i> , 2016, 190, 115-133.	3.9	53
10	B, Sr and Pb isotope geochemistry of high-pressure Alpine metaperidotites monitors fluid-mediated element recycling during serpentinite dehydration in subduction mÃ©lange (Cima di Gagnone, Swiss) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.5	53
11	Origin and evolution of Cenozoic magmatism of Sardinia (Italy). A combined isotopic (Sr- ¹⁴³ Nd-Pb-O-Hf-Os) and petrological view. <i>Lithos</i> , 2013, 180-181, 138-158.	1.4	51
12	Tectonic and magmatic evolution of the active volcanic front in El Salvador: insight into the BerlÃ±n and AhuachapÃ±n geothermal areas. <i>Geothermics</i> , 2006, 35, 368-408.	3.4	50
13	Si-metasomatism in serpentinitized peridotite: The effects of talc-alteration on strontium and boron isotopes in abyssal serpentinites from Hole 1268a, ODP Leg 209. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 126, 30-48.	3.9	43
14	delta11B as tracer of slab dehydration and mantle evolution in Western Anatolia Cenozoic Magmatism. <i>Terra Nova</i> , 2005, 17, 259-264.	2.1	40
15	The transition from subduction-related to intraplate Neogene magmatism in the Western Anatolia and Aegean area. , 2007, , .		38
16	Transition from Compression to Strike-slip Tectonics Revealed by Miocene-Pleistocene Volcanism West of the KarlÃ±ova Triple Junction (East Anatolia). <i>Journal of Petrology</i> , 2017, 58, 2055-2087.	2.8	38
17	Sub-lithospheric origin of Na-alkaline and calc-alkaline magmas in a post-collisional tectonic regime: Sr-Nd-Pb isotopes in recent monogenetic volcanism of Cappadocia, Central Turkey. <i>Lithos</i> , 2018, 316-317, 304-322.	1.4	32
18	Isotopic Compositions (Li- ⁶ B- ¹⁰ Si- ¹³ C- ¹⁸ O- ²⁶ Mg- ⁸⁷ Sr- ¹⁴³ Nd- ¹⁷⁶ Hf- ²⁰⁸ Pb) and Fe²⁺/Fe Ratios of Three Synthetic Andesite Glass Reference Materials (ARM-1, ARM-2, ARM-3). <i>Geostandards and Geoanalytical Research</i> , 2021, 45, 719-745.	3.1	32

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19	Origin of Triassic magmatism of the Southern Alps (Italy): Constraints from geochemistry and Sr-Nd-Pb isotopic ratios. <i>Gondwana Research</i> , 2019, 75, 218-238.	6.0	29
20	Erupted cumulate fragments in rhyolites from Lipari (Aeolian Islands). <i>Contributions To Mineralogy and Petrology</i> , 2015, 170, 1.	3.1	27
21	Ca-rich carbonates associated with ultrabasic-ultramafic melts: Carbonatite or limestone xenoliths? A case study from the late Miocene Morron de Villamayor volcano (Calatrava Volcanic Field, central Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.7	24
22	The Monterey Event within the Central Mediterranean area: The shallow water record. <i>Sedimentology</i> , 2017, 64, 286-310.	3.1	24
23	Miocene paleoceanographic evolution of the Mediterranean area and carbonate production changes: A review. <i>Earth-Science Reviews</i> , 2021, 221, 103785.	9.1	24
24	Exotic lamproites or normal ultrapotassic rocks? The Late Miocene volcanic rocks from Kef Hahouner, NE Algeria, in the frame of the circum-Mediterranean lamproites. <i>Journal of Volcanology and Geothermal Research</i> , 2016, 327, 539-553.	2.1	23
25	No significant boron in the hydrated mantle of most subducting slabs. <i>Nature Communications</i> , 2018, 9, 4602.	12.8	23
26	Miocene Oceanographic Evolution Based on the Sr and Nd Isotope Record of the Central Mediterranean. <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 31-47.	2.9	21
27	The upper crustal magma plumbing system of the Pleistocene Apacheta-Aguilucho Volcanic Complex area (Altiplano-Puna, northern Chile) as inferred from the erupted lavas and their enclaves. <i>Journal of Volcanology and Geothermal Research</i> , 2019, 373, 179-198.	2.1	21
28	Ophicarbonate evolution from seafloor to subduction and implications for deep-Earth C cycling. <i>Chemical Geology</i> , 2020, 546, 119626.	3.3	21
29	Petrology and Geochemistry of Serpentinites Associated with the Ultra-High Pressure Lago di Cignana Unit (Italian Western Alps). <i>Journal of Petrology</i> , 2019, 60, 1229-1262.	2.8	20
30	Geodynamic evolution of the Aegean: constraints from the Plio-Pleistocene volcanism of the Volos-Evia area. <i>Journal of the Geological Society</i> , 2010, 167, 475-489.	2.1	18
31	Strongly SiO ₂ -undersaturated, CaO-rich kamafugitic Pleistocene magmatism in Central Italy (San Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	9.1	18
32	Leucites within and around the Mediterranean area. <i>Lithos</i> , 2019, 324-325, 216-233.	1.4	17
33	Off-axis volcano-tectonic activity during continental rifting: Insights from the transversal Goba-Bonga lineament, Main Ethiopian Rift (East Africa). <i>Tectonophysics</i> , 2018, 728-729, 75-91.	2.2	16
34	Boron isotope insights into the origin of subduction signatures in continent-continent collision zone volcanism. <i>Earth and Planetary Science Letters</i> , 2020, 538, 116207.	4.4	16
35	Petrological evolution of Karlıova-Varto volcanism (Eastern Turkey): Magma genesis in a transtensional triple-junction tectonic setting. <i>Lithos</i> , 2020, 364-365, 105524.	1.4	15
36	Quaternary Melanephelinites and Melilitites from Nowbaran (NW Urumieh-Dokhtar Magmatic Arc,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.8	15

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37	Eocene-Miocene igneous activity in Provence (SE France): 40Ar/39Ar data, geochemical-petrological constraints and geodynamic implications. <i>Lithos</i> , 2017, 288-289, 72-90.	1.4	14
38	HydroQuakes, central Apennines, Italy: Towards a hydrogeochemical monitoring network for seismic precursors and the hydro-seismo-sensitivity of boron. <i>Journal of Hydrology</i> , 2021, 598, 125754.	5.4	13
39	Deciphering variable mantle sources and hydrous inputs to arc magmas in Kamchatka. <i>Earth and Planetary Science Letters</i> , 2021, 562, 116848.	4.4	13
40	The role of the upper plate in controlling fluid-mobile element (Cl, Li, B) cycling through subduction zones: Hikurangi forearc, New Zealand. , 2019, 15, 642-658.		12
41	Strontium stratigraphy of the upper Miocene Lithothamnion Limestone in the Majella Mountain, central Italy, and its palaeoenvironmental implications. <i>Lethaia</i> , 2017, 50, 561-575.	1.4	11
42	Xenopumice erupted on 15 October 2011 offshore of El Hierro (Canary Islands): a subvolcanic snapshot of magmatic, hydrothermal and pyrometamorphic processes. <i>Bulletin of Volcanology</i> , 2015, 77, 1.	3.0	10
43	Fingerprinting and relocating tectonic slices along the plate interface: Evidence from the Lago Superiore unit at Monviso (Western Alps). <i>Lithos</i> , 2020, 352-353, 105308.	1.4	9
44	A heterogeneous subcontinental mantle under the African-Arabian Plate boundary revealed by boron and radiogenic isotopes. <i>Scientific Reports</i> , 2021, 11, 11230.	3.3	9
45	Boron isotope composition of coexisting tourmaline and hambergite in alkaline and granitic pegmatites. <i>Lithos</i> , 2020, 352-353, 105293.	1.4	7
46	From subduction to strike slip-related volcanism: insights from Sr, Nd, and Pb isotopes and geochronology of lavas from Sivas-Malatya region, Central Eastern Anatolia. <i>International Journal of Earth Sciences</i> , 2021, 110, 849-874.	1.8	7
47	Volcanic Rocks From FoÅsa-Karaburun and Ayvalik-Lesvos grabens (Western Anatolia) and Their Petrogenetic-Geodynamic Significance. <i>Turkish Journal of Earth Sciences</i> , 0, , .	1.0	6
48	Neogene volcanism in Elazig-Tunceli area (eastern Anatolia): geochronological and petrological constraints. <i>Italian Journal of Geosciences</i> , 2019, 138, 433-455.	0.8	5
49	A showcase of igneous processes in the Urumieh-Dokhtar Magmatic Arc: the Miocene-Quaternary collisional magmatism of the Bijar-Qorveh area, northwest Iran. <i>Journal of Petrology</i> , 0, , .	2.8	5
50	Magmas with slab fluid and decompression melting signatures coexisting in the Gulf of Fonseca: Evidence from Isla El Tigre volcano (Honduras, Central America). <i>Lithos</i> , 2016, 240-243, 1-15.	1.4	3
51	Syn-rift hydrothermal circulation in the Mesozoic carbonates of the western Adriatic continental palaeomargin (Western Southalpine Domain, NW Italy). <i>Basin Research</i> , 2021, 33, 3045-3076.	2.7	3
52	Tertiary high-Mg volcanic rocks from Western Anatolia and their geodynamic significance for the evolution of the Aegean area. <i>Developments in Volcanology</i> , 2005, , 345-362.	0.5	2
53	Neogene volcanism and extension in Western Anatolian-Aegean area: A new geodynamic model. <i>IOP Conference Series: Earth and Environmental Science</i> , 2008, 2, 012008.	0.3	2
54	The westernmost Late Miocene-Pliocene volcanic activity in the Vardar zone (North Macedonia). <i>International Journal of Earth Sciences</i> , 2022, 111, 749-766.	1.8	2

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55	The pyroclastic breccias from Cabezo Negro de Tallante (SE Spain): Is there any relation with carbonatitic magmatism?. <i>Lithos</i> , 2021, 392-393, 106140.	1.4	1
56	Unveiling the occurrence of transient, multi-contaminated mafic magmas inside a rhyolitic reservoir feeding an explosive eruption (Nisyros, Greece). <i>Lithos</i> , 2022, 410-411, 106574.	1.4	1
57	Data on unveiling the occurrence of transient, multi-contaminated mafic magmas inside a rhyolitic reservoir feeding an explosive eruption (Nisyros, Greece). <i>Data in Brief</i> , 2022, 42, 108077.	1.0	1