

Silvio Giuseppe Rotolo

List of Publications by Year in descending order

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Version: 2024-02-01

21
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471509

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Contrasting Styles of Inter-Caldera Volcanism in a Peralkaline System: Case Studies from Pantelleria (Sicily Channel, Italy). <i>Minerals</i> (Basel, Switzerland), 2022, 12, 406. | 2.0 | 1 |
| 2 | Phase Equilibria of Pantelleria Trachytes (Italy): Constraints on Pre-eruptive Conditions and on the Metaluminous to Peralkaline Transition in Silicic Magmas. <i>Journal of Petrology</i> , 2018, 59, 559-588. | 2.8 | 28 |
| 3 | Origin of primitive ultra-calcic arc melts at crustal conditions – Experimental evidence on the La Sommata basalt, Vulcano, Aeolian Islands. <i>Journal of Volcanology and Geothermal Research</i> , 2016, 321, 85-101. | 2.1 | 8 |
| 4 | Cooling and crystallization recorded in trachytic enclaves hosted in pantelleritic magmas (Pantelleria, Italy): Implications for pantellerite petrogenesis. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 301, 169-179. | 2.1 | 16 |
| 5 | Cognate xenoliths in Mt. Etna lavas: witnesses of the high-velocity body beneath the volcano. <i>Bulletin of Volcanology</i> , 2014, 76, 1. | 3.0 | 16 |
| 6 | Generation of CO ₂ -rich melts during basalt magma ascent and degassing. <i>Contributions To Mineralogy and Petrology</i> , 2013, 166, 545-561. | 3.1 | 72 |
| 7 | A revision of the structure and stratigraphy of pre-Green Tuff ignimbrites at Pantelleria (Strait of Sicily). <i>Journal of Volcanology and Geothermal Research</i> , 2013, 261, 1-14. | 2.1 | 48 |
| 8 | Millennial-scale phase relationships between ice-core and Mediterranean marine records: insights from high-precision ⁴⁰ Ar/ ³⁹ Ar dating of the Green Tuff of Pantelleria, Sicily Strait. <i>Quaternary Science Reviews</i> , 2013, 78, 141-154. | 3.0 | 53 |
| 9 | Volatiles in pantellerite magmas: A case study of the Green Tuff Plinian eruption (Island of Pantelleria, Sicily). <i>Journal of Volcanology and Geothermal Research</i> , 2013, 261, 1-14. | 2.1 | 32 |
| 10 | Seismic velocity structures of southern Italy from tomographic imaging of the Ionian slab and petrological inferences. <i>Geophysical Journal International</i> , 2012, 191, 751-764. | 2.4 | 34 |
| 11 | Correlation of welded ignimbrites on Pantelleria (Strait of Sicily) using paleomagnetism. <i>Bulletin of Volcanology</i> , 2012, 74, 341-357. | 3.0 | 33 |
| 12 | High-resolution ⁴⁰ Ar/ ³⁹ Ar chronostratigraphy of the post-caldera (<20ka) volcanic activity at Pantelleria, Sicily Strait. <i>Earth and Planetary Science Letters</i> , 2011, 309, 280-290. | 4.4 | 40 |
| 13 | Phase Equilibrium Constraints on Pre-eruptive Conditions of Recent Felsic Explosive Volcanism at Pantelleria Island, Italy. <i>Journal of Petrology</i> , 2010, 51, 2245-2276. | 2.8 | 73 |
| 14 | Experimental Constraints on the Deep Magma Feeding System at Stromboli Volcano, Italy. <i>Journal of Petrology</i> , 2009, 50, 601-624. | 2.8 | 71 |
| 15 | Diffuse and focused carbon dioxide and methane emissions from the Sousaki geothermal system, Greece. <i>Geophysical Research Letters</i> , 2006, 33, . | 4.0 | 21 |
| 16 | Petrology and Geochemistry of Submarine Volcanism in the Sicily Channel Rift. <i>Journal of Geology</i> , 2006, 114, 355-365. | 1.4 | 67 |
| 17 | Experimental Crystallization of a High-K Arc Basalt: the Golden Pumice, Stromboli Volcano (Italy). <i>Journal of Petrology</i> , 2006, 47, 1317-1343. | 2.8 | 163 |
| 18 | Mafic and ultramafic enclaves in Ustica Island lavas: Inferences on composition of lower crust and deep magmatic processes. <i>Lithos</i> , 2005, 84, 151-167. | 1.4 | 18 |

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|----|--|-----|-----------|
| 19 | OH-related infrared absorption bands in oxide glasses. <i>Journal of Non-Crystalline Solids</i> , 2005, 351, 1796-1800. | 3.1 | 35 |
| 20 | Geochronology of the medium to high-grade metamorphic units of the Peloritani Mts., Sicily. <i>International Journal of Earth Sciences</i> , 2003, 92, 852-872. | 1.8 | 27 |
| 21 | Transition from mildly-tholeiitic to calc-alkaline suite: the case of Chichontepec volcanic centre, El Salvador, Central America. <i>Journal of Volcanology and Geothermal Research</i> , 1998, 86, 117-136. | 2.1 | 25 |