

Raffaele Sassi

List of Publications by Year in descending order

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papers

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687363

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times ranked

443
citing authors

#	ARTICLE	IF	CITATIONS
1	Geochemistry and metamorphic evolution of the Pohorje Mountain eclogites from the easternmost Austroalpine basement of the Eastern Alps (Northern Slovenia). <i>Lithos</i> , 2004, 78, 235-261.	1.4	43
2	Seismic properties of lower crustal xenoliths from El Hoyazo (SE Spain): Experimental evidence up to partial melting. <i>Earth and Planetary Science Letters</i> , 2007, 253, 239-253.	4.4	28
3	The crystalline basement of the Adria microplate in the eastern Alps: a review of the palaeostructural evolution from the Neoproterozoic to the Cenozoic. <i>Rendiconti Lincei</i> , 2010, 21, 31-50.	2.2	27
4	Geochemistry and zircon U-Pb geochronology of magmatic enclaves in trachytes from the Euganean Hills (NE Italy): further constraints on Oligocene magmatism in the eastern Southern Alps. <i>European Journal of Mineralogy</i> , 2015, 27, 161-174.	1.3	25
5	Tracking trachyte on the Roman routes: Provenance study of Roman infrastructure and insights into ancient trades in northern Italy. <i>Geoarchaeology - an International Journal</i> , 2018, 33, 417-429.	1.5	22
6	Towards a Better Understanding of the Fibrolite Problem: the Effect of Reaction Overstepping and Surface Energy Anisotropy. <i>Journal of Petrology</i> , 2004, 45, 1467-1479.	2.8	21
7	The b0 lattice parameter and chemistry of phengites from HP/LT metapelites. <i>European Journal of Mineralogy</i> , 2006, 18, 207-222.	1.3	21
8	Multiple titanium substitutions in biotites from high-grade metapelitic xenoliths (Euganean Hills, Italy). <i>Journal of Metamorphic Geology</i> , 1993, 11, 339-350.	1.9	16
9	Assessment of lithogenic radioactivity in the Euganean Hills magmatic district (NE Italy). <i>Journal of Environmental Radioactivity</i> , 2017, 166, 259-269.	1.7	16
10	The assessment of local geological factors for the construction of a Geogenic Radon Potential map using regression kriging. A case study from the Euganean Hills volcanic district (Italy). <i>Science of the Total Environment</i> , 2022, 808, 152064.	8.0	16
11	Radionuclide concentration and radon exhalation in new mix design of bricks produced reusing NORM by-products: The influence of mineralogy and texture. <i>Construction and Building Materials</i> , 2020, 260, 119820.	7.2	15
12	P-T conditions of metapelites from metamorphic complexes in Aysen, Chile. <i>Journal of South American Earth Sciences</i> , 2005, 19, 373-386.	1.4	14
13	The octahedral sheet of metamorphic 2M1-phengites: A combined EMPA and AXANES study. <i>American Mineralogist</i> , 2008, 93, 414-425.	1.9	14
14	New petrographic and geochemical tracers for recognizing the provenance quarry of trachyte of the Euganean Hills, northeastern Italy. <i>Geoarchaeology - an International Journal</i> , 2018, 33, 430-452.	1.5	13
15	Trachyte from the Roman aqueducts of Padua and Este (north-east Italy): a provenance study based on petrography, chemistry and magnetic susceptibility. <i>European Journal of Mineralogy</i> , 2013, 25, 415-427.	1.3	12
16	Metamorphic history of the Algy High (Tisza Mega-unit, basement of Great Hungarian Plain) - a counterpart of crystalline units of the Koralpe-Wlz nappe system (Austroalpine, Eastern Alps). <i>Acta Geologica Hungarica</i> , 2005, 48, 371-394.	0.2	12
17	The baric character of the Patagonian basement as deduced from the muscovite d060,331 spacing: a first contribution from Eastern Andean Metamorphic Complex (Andes, Chile). <i>European Journal of Mineralogy</i> , 2001, 13, 1119-1126.	1.3	10
18	Experimental study of the seismic properties of the Eastern Alps (Italy) along the Aurina-Tures-Badia Valleys transect. <i>Tectonophysics</i> , 2002, 354, 179-194.	2.2	8

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19	Amphiboles and clinopyroxenes from Euganean (NE Italy) cumulus enclaves: evidence of subduction-related melts below Adria microplate. <i>Rendiconti Lincei</i> , 2013, 24, 151-161.	2.2	6
20	Beauty and complexity of metamorphism: case studies from the frontal part of the Adria microplate. <i>Rendiconti Lincei</i> , 2010, 21, 73-94.	2.2	5
21	HT-LP crustal syntectonic anatexis as a source of the Permian magmatism in the Eastern Southern Alps: evidence from xenoliths in the Euganean trachytes (NE Italy). <i>Journal of the Geological Society</i> , 2020, 177, 1211-1230.	2.1	4
22	A peculiar Ms-Pg textural association in a chloritoid-bearing micaschist recording a multistage P-T path. <i>European Journal of Mineralogy</i> , 2001, 13, 1127-1138.	1.3	3
23	The "Venice Granodiorite": constraints on the "Caledonian" and Variscan events in the Alpine domain. <i>Rendiconti Lincei</i> , 2003, 14, 179-204.	2.2	3
24	Characterization of a novel dual-core elliptical hollow optical fiber with wavelength decreasing differential group delay. <i>Optics Express</i> , 2010, 18, 20344.	3.4	3
25	Tertiary S-C mylonites from the Bajnseny-B-M-I borehole, western Hungary. <i>Acta Geologica Hungarica</i> , 2002, 45, 29-44.	0.2	3
26	Sulla variabilità compositiva delle miche nell'ambito di uno stesso affioramento di metapeliti di basso grado: un esempio. 1: Le biotiti. <i>Rendiconti Lincei</i> , 1991, 2, 389-401.	2.2	2
27	Sulla variabilità compositiva delle miche nell'ambito di uno stesso affioramento di metapeliti di basso grado: un esempio. 2: Le muscoviti e considerazioni conclusive. <i>Rendiconti Lincei</i> , 1992, 3, 43-55.	2.2	2
28	Growth history of two garnet porphyroblasts of the Cima Dura- Durreck Complex and its implication on the polymetamorphic evolution of this complex (Austroalpine, Eastern Alps). <i>Rendiconti Lincei</i> , 1995, 6, 223-238.	2.2	1
29	On the compositional variability of metamorphic chlorites as an effect of the micro-site chemistry. <i>Rendiconti Lincei</i> , 1997, 8, 77-92.	2.2	0
30	Metamorphic petrology and geochemistry of the Sarkadkeresztúr Basement-High with special regard to orthogneiss (Tisza Mega-unit, SE Hungary). <i>Acta Geologica Hungarica</i> , 2005, 48, 395-418.	0.2	0