

# Raffaele Sassi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/844525/publications.pdf>

Version: 2024-02-01

30  
papers

365  
citations

687363

13  
h-index

794594

19  
g-index

30  
all docs

30  
docs citations

30  
times ranked

443  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | 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        |
| 2  | HTâ€“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         |
| 3  | 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        |
| 4  | 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        |
| 5  | 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        |
| 6  | 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        |
| 7  | 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        |
| 8  | 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         |
| 9  | 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        |
| 10 | 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         |
| 11 | 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        |
| 12 | 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         |
| 13 | Multiple titanium substitutions in biotites from high-grade metapelitic xenoliths (Euganean Hills,) <i>Tj ETQq1 1 0.784314 rgBT /Overloc</i> 93, 339-350.  | 1.9 | 16        |
| 14 | The octahedral sheet of metamorphic 2M1-phengites: A combined EMPA and AXANES study. <i>American Mineralogist</i> , 2008, 93, 414-425.   | 1.9 | 14        |
| 15 | 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        |
| 16 | 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        |
| 17 | Pâ€“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        |
| 18 | Metamorphic history of the Algyâ€™ High (Tisza Mega-unit, basement of Great Hungarian Plain) - a counterpart of crystalline units of the Koralpe-WÄƒlz nappe system (Austroalpine, Eastern Alps). <i>Acta Geologica Hungarica</i> , 2005, 48, 371-394.   | 0.2 | 12        |

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|----|--|-----|-----------|
| 19 | Metamorphic petrology and geochemistry of the Sarkadkeresztr Basement-High with special regard to orthogneiss (Tisza Mega-unit, SE Hungary). <i>Acta Geologica Hungarica</i> , 2005, 48, 395-418.                                       | 0.2 | 0         |
| 20 | 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        |
| 21 | 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        |
| 22 | 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         |
| 23 | 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         |
| 24 | Tertiary S-C mylonites from the Bajnsenye-B-M-I borehole, western Hungary. <i>Acta Geologica Hungarica</i> , 2002, 45, 29-44.   | 0.2 | 3         |
| 25 | 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         |
| 26 | 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        |
| 27 | 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         |
| 28 | Growth history of two garnet porphyroblasts of the Cima Dura- Durreck Complex and its implication on the polymetamorphic evolution of this complex (Austrides, Eastern Alps). <i>Rendiconti Lincei</i> , 1995, 6, 223-238.               | 2.2 | 1         |
| 29 | Sulla variabilit 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         |
| 30 | Sulla variabilit 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         |