

Roberto Braga

List of Publications by Citations

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43
papers

899
citations

16
h-index

29
g-index

45
ext. papers

1,031
ext. citations

4.1
avg, IF

4.3
L-index

#	Paper	IF	Citations
43	Technologies for the management of MSW incineration ashes from gas cleaning: New perspectives on recovery of secondary raw materials and circular economy. <i>Science of the Total Environment</i> , 2018 , 635, 526-542	10.2	145
42	Metal removal from Municipal Solid Waste Incineration fly ash: A comparison between chemical leaching and bioleaching. <i>Waste Management</i> , 2017 , 60, 397-406	8.6	82
41	Solid residues from Italian municipal solid waste incinerators: A source for "critical" raw materials. <i>Waste Management</i> , 2015 , 45, 206-16	8.6	59
40	Metal recovery from incineration bottom ash: State-of-the-art and recent developments. <i>Journal of Hazardous Materials</i> , 2020 , 393, 122433	12.8	47
39	The rare earth elements in municipal solid waste incinerators ash and promising tools for their prospecting. <i>Journal of Hazardous Materials</i> , 2016 , 301, 471-9	12.8	43
38	Gabbroic xenoliths in tuff-breccia pipes from the Hyblean Plateau: insights into the nature and composition of the lower crust underneath South-eastern Sicily, Italy. <i>Mineralogy and Petrology</i> , 2006 , 86, 63-88	1.6	43
37	New constraints on the origin and age of Variscan eclogitic rocks (Ligurian Alps, Italy). <i>Contributions To Mineralogy and Petrology</i> , 2007 , 153, 29-53	3.5	42
36	Dolomite-bearing orogenic garnet peridotites witness fluid-mediated carbon recycling in a mantle wedge (Ulten Zone, Eastern Alps, Italy). <i>Contributions To Mineralogy and Petrology</i> , 2009 , 158, 401-420	3.5	41
35	Submarine structure of Vulcano volcano (Aeolian Islands) revealed by high-resolution bathymetry and seismo-acoustic data. <i>Marine Geology</i> , 2013 , 338, 30-45	3.3	39
34	Preservation of old (prograde metamorphic) U-Th-Pb ages in unshielded monazite from the high-pressure paragneisses of the Variscan Ulten Zone (Italy). <i>Lithos</i> , 2011 , 127, 68-85	2.9	30
33	Production of metaluminous melt during fluid-present anatexis: an example from the Maghrebian basement, La Galite Archipelago, central Mediterranean. <i>Journal of Metamorphic Geology</i> , 2014 , 32, 209-225	4.4	26
32	Influence of ferric iron on phase equilibria in greenschist facies assemblages: the hematite-rich metasedimentary rocks from the Monti Pisani (Northern Apennines). <i>Journal of Metamorphic Geology</i> , 2014 , 32, 371-387	4.4	22
31	Superparamagnetic iron oxides nanoparticles from municipal solid waste incinerators. <i>Science of the Total Environment</i> , 2018 , 621, 687-696	10.2	21
30	An early metamorphic stage for the Variscan Ulten Zone gneiss (NE Italy): evidence from mineral inclusions in kyanite. <i>Mineralogical Magazine</i> , 2007 , 71, 691-702	1.7	20
29	Fluid-induced breakdown of monazite in medium-grade metasedimentary rocks of the Pontremoli basement (Northern Apennines, Italy). <i>Journal of Metamorphic Geology</i> , 2016 , 34, 63-84	4.4	20
28	The sondalo gabbroic complex (central alps, Northern Italy): evidence for emplacement of mantle-derived melts into amphibolite-facies metapelites. <i>Physics and Chemistry of the Earth</i> , 2001 , 26, 333-342		17
27	Petrogenesis of Early Permian olivine-bearing cumulates and associated basalt dykes from Bocca di Tenda (Northern Corsica): Implications for post-collisional Variscan evolution. <i>Chemical Geology</i> , 2009 , 259, 190-203	4.2	16

26	Ultramafic xenoliths from the Veneto Volcanic Province (Italy): Petrological and geochemical evidence for multiple metasomatism of the SE Alps mantle lithosphere. <i>Geochemical Journal</i> , 2006 , 40, 377-404	0.9	16
25	On thrusting, regional unconformities and exhumation of high-grade greenstones in Neoproterozoic orogens. The case of the Waroonga Shear Zone, Yilgarn Craton. <i>Tectonophysics</i> , 2017 , 712-713, 362-395	3.1	15
24	H ₂ O content of deep-seated orogenic continental crust: the Ulten Zone, Italian Alps. <i>International Geology Review</i> , 2012 , 54, 633-641	2.3	15
23	Late Palaeozoic deformation of post-Variscan lower crust: shear zone widening due to strain localization during retrograde shearing. <i>International Journal of Earth Sciences</i> , 2010 , 99, 973-991	2.2	13
22	The potential impact of municipal solid waste incinerators ashes on the anthropogenic osmium budget. <i>Science of the Total Environment</i> , 2016 , 541, 1549-1555	10.2	11
21	Unravelling the complex interaction between mantle and crustal magmas encoded in the lavas of San Vincenzo (Tuscany, Italy). Part I: Petrography and Thermobarometry. <i>Lithos</i> , 2016 , 244, 218-232	2.9	11
20	Petrogenetic relationships between peralkaline rhyolite dykes and mafic rocks in the post-Variscan gabbroic complex from Bocca di Tenda (northern Corsica, France). <i>Contributions To Mineralogy and Petrology</i> , 2013 , 165, 1073-1085	3.5	11
19	Origin of prismatine from the Sondalo granulites (Central Alps, northern Italy). <i>European Journal of Mineralogy</i> , 2003 , 15, 393-400	2.2	11
18	The Provenance of the Lithospheric Mantle in Continental Collision Zones: Petrology and Geochemistry of Peridotites in the Ulten-Monsberg Zone (Eastern Alps). <i>Journal of Petrology</i> , 2017 , 58, 1451-1472	3.9	10
17	Metasedimentary and igneous xenoliths from Tallante (Betic Cordillera, Spain): Inferences on crust-mantle interactions and clues for post-collisional volcanism magma sources. <i>Lithos</i> , 2015 , 220-223, 191-199	2.9	10
16	The first version of the Pan-European Indoor Radon Map. <i>Natural Hazards and Earth System Sciences</i> , 2019 , 19, 2451-2464	3.9	9
15	Influence of Host-Rock Texture on the Morphology of Carbonate Concretions in a Meteoric Diagenetic Environment. <i>Journal of Sedimentary Research</i> , 2009 , 79, 377-388	2.1	8
14	Element Transfer and Redox Conditions in Continental Subduction Zones: New Insights from Peridotites of the Ulten Zone, North Italy. <i>Journal of Petrology</i> , 2019 , 60, 231-268	3.9	8
13	Unravelling the complex interaction between mantle and crustal magmas encoded in the lavas of San Vincenzo (Tuscany, Italy). Part II: Geochemical overview and modelling. <i>Lithos</i> , 2016 , 244, 233-249	2.9	6
12	Petrographic, mineral and pressure-temperature constraints on phyllites from the Variscan basement at Punta Bianca, Northern Apennines, Italy. <i>Italian Journal of Geosciences</i> , 2016 , 135, 489-502	1.7	6
11	Origin of a mica megacryst in an alkaline dyke from the Veneto Volcanic Province, Italy. <i>European Journal of Mineralogy</i> , 2006 , 18, 223-231	2.2	5
10	The Variscan garnet peridotites from the Eastern Alps (Ulten Zone): records of subduction metasomatism in the mantle wedge. <i>Journal of the Virtual Explorer</i> , 2016 , 36,		5
9	High-P tectono-metamorphic evolution of mylonites from the Variscan basement of the Northern Apennines, Italy. <i>Journal of Metamorphic Geology</i> , 2018 , 36, 23-39	4.4	4

8	In situ Sr isotope analysis of mantle carbonates: Constraints on the evolution and sources of metasomatic carbon-bearing fluids in a paleo-collisional setting. <i>Lithos</i> , 2020 , 354-355, 105334	2.9	4
7	Crustal xenoliths from Tallante (Betic Cordillera, Spain): insights into the crust-mantle boundary. <i>Geological Magazine</i> , 2013 , 150, 952-958	2	3
6	Crust-Mantle relationships close at hands. Walking through the Ulten-Nonsberg orogenic lower crust. <i>Geological Field Trips</i> , 2014 , 6, 1-46	1.3	3
5	Mapping Bauxite Mining Residues Using Remote Sensing Techniques. <i>Materials Proceedings</i> , 2021 , 5, 91	0.3	2
4	Polymineralic inclusions as tracers of multistage metasomatism in a paleo mantle wedge. <i>Lithos</i> , 2020 , 364-365, 105517	2.9	0
3	The Reuse of Industrial By-Products for the Synthesis of Innovative Porous Materials, with the Aim to Improve Urban Air Quality. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 6798	2.6	0
2	Multi-stage sulfur and carbon mobility in fossil continental subduction zones: New insights from carbonate-bearing orogenic peridotites. <i>Geochimica Et Cosmochimica Acta</i> , 2021 , 306, 143-170	5.5	0
1	Mapping Co, Cr, Cu and Fe Occurrence in a Legacy Mining Waste Using Geochemistry and Satellite Imagery Analyses. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 1928	2.6	