

Alessandro Cavallo

List of Publications by Year in descending order

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papers

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times ranked

466
citing authors

#	ARTICLE	IF	CITATIONS
1	The zeta potential of mineral fibres. <i>Journal of Hazardous Materials</i> , 2014, 276, 469-479.	6.5	68
2	The Cimmerian accretionary wedge of Anarak, Central Iran. <i>Journal of Asian Earth Sciences</i> , 2015, 102, 45-72.	1.0	44
3	Structure of regional dykes and local cone sheets in the Midhyrna-Lysuskard area, Snaefellsnes Peninsula (NW Iceland). <i>Bulletin of Volcanology</i> , 2013, 75, 1.	1.1	28
4	Chrysotile asbestos in serpentinite quarries: a case study in Valmalenco, Central Alps, Northern Italy. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 1341.	1.7	26
5	Holocene displacement field at an emerged oceanic transform-ridge junction: The Husavik-Flatey Fault and Gudfinnugja Fault system, North Iceland. <i>Journal of Structural Geology</i> , 2015, 75, 118-134.	1.0	26
6	Nutrient influence on fossil carbonate factories: Evidence from SEDEX extractions on Burdigalian limestones (Miocene, NW Italy and S France). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 475, 80-92.	1.0	21
7	Determination of the concentration of asbestos minerals in highly contaminated mine tailings: An example from abandoned mine waste of Cretaz and Emarese (Valle d'Aosta, Italy). <i>American Mineralogist</i> , 2014, 99, 1233-1247.	0.9	19
8	From hazardous asbestos containing wastes (ACW) to new secondary raw material through a new sustainable inertization process: A multimethodological mineralogical study. <i>Journal of Hazardous Materials</i> , 2021, 413, 125419.	6.5	12
9	Clastic sedimentation in the Late Oligocene Southalpine Foredeep: from tectonically controlled melting to tectonically driven erosion. <i>Geological Journal</i> , 2016, 51, 338-353.	0.6	11
10	Crystal habit of mineral fibres. , 2017, , 65-109.		11
11	Towards Sustainable Mining: Exploiting Raw Materials from Extractive Waste Facilities. <i>Sustainability</i> , 2020, 12, 2383.	1.6	10
12	Differential platinum group elements (PGE) re-mobilization at low fS ₂ in Abdasht and Soghan mafic-ultramafic complexes (Southern Iran). <i>Lithos</i> , 2020, 366-367, 105523.	0.6	9
13	The influence of petrography, mineralogy and chemistry on burnability and reactivity of quicklime produced in Twin Shaft Regenerative (TSR) kilns from Neoproterozoic limestone (Transvaal Supergroup). <i>Tj ETQq1 1 0.784314rgBT /Overlock 10</i>	0.784314	8
14	Serpentinitic waste materials from the dimension stone industry: Characterization, possible reuses and critical issues. <i>Resources Policy</i> , 2018, 59, 17-23.	4.2	8
15	Different Tectonic Evolution of Fast Cooling Ophiolite Mantles Recorded by Olivine-Spinel Geothermometry: Case Studies from Iballe (Albania) and Nea Roda (Greece). <i>Minerals (Basel)</i> , Tj ETQq1 1 0.784314rgBT /Overlock 10	0.784314	8
16	Chromite compositional variability and associated PGE enrichments in chromitites from the Gomati and Nea Roda ophiolite, Chalkidiki, Northern Greece. <i>Mineralium Deposita</i> , 2022, 57, 1323-1342.	1.7	8
17	Ornamental stones of the Verbano Cusio Ossola quarry district: characterization of materials, quarrying techniques and history and relevance to local and national heritage. <i>Geological Society Special Publication</i> , 2015, 407, 187-200.	0.8	7
18	Identification and Preliminary Toxicological Assessment of a Non-Regulated Mineral Fiber: Fibrous Antigorite from New Caledonia. <i>Environmental and Engineering Geoscience</i> , 2020, 26, 89-97.	0.3	7

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19	Portable Raman Spectrometer for In Situ Analysis of Asbestos and Fibrous Minerals. Applied Sciences (Switzerland), 2021, 11, 287.	1.3	7
20	Environmental Impact Variability of Copper Tailing Dumps in Fushe Arrez (Northern Albania): The Role of Pyrite Separation during Flotation. Sustainability, 2021, 13, 9643.	1.6	6
21	Raw materials supply: Kaolin and quartz from ore deposits and recycling activities. The example of the Monte Bracco area (Piedmont, Northern Italy). Resources Policy, 2021, 74, 102413.	4.2	6
22	Investigation and prediction of sticking tendency, blocks formation and occasional melting of lime at HT (1300°C) by the overburning test method. Construction and Building Materials, 2021, 294, 123577.	3.2	4
23	Environmental asbestos contamination in an abandoned chrysotile mining site: the example of Val Malenco (central Alps, northern Italy). Episodes, 2020, 43, 851-858.	0.8	4
24	The Bargiolina, a Striking Historical Stone from Monte Bracco (Piedmont, NW Italy) and a Possible Source of Industrial Minerals. Sustainability, 2019, 11, 4293.	1.6	3
25	Gneisses (Serizzo and Beola) of the Verbano-Cusio-Ossola District (Piedmont,) Tj ETQq1 1 0.784314 rgBT /Overl Society Special Publication, 2020, 486, 269-285.	0.8	3
26	Naturally Occurring Asbestos in Valmalenco (Central Alps, Northern Italy): From Quarries and Mines to Stream Sediments. Environmental and Engineering Geoscience, 2020, 26, 47-52.	0.3	3
27	Podiform magnetite ore(s) in the Sabzevar ophiolite (NE Iran): oceanic hydrothermal alteration of a chromite deposit. Contributions To Mineralogy and Petrology, 2021, 176, 1.	1.2	3
28	“Serpentino della Valmalenco”(Central Alps, Northern Italy): A green dimension stone with outstanding properties. Resources Policy, 2022, 75, 102467.	4.2	3
29	A quantitative approach to the influence of pyrite separation on Cu-processing tailings: a case study at Reps, Mirdita district, Albania. Environmental Earth Sciences, 2017, 76, 1.	1.3	2
30	Ophiolite Chromite Deposits as a New Source for the Production of Refractory Chromite Sands. Sustainability, 2020, 12, 7096.	1.6	0
31	Native copper formation associated with serpentinization in the Cheshmeh-Bid ophiolite massif (Southern Iran). Lithos, 2021, 382-383, 105953.	0.6	0
32	Extractive Waste as a Resource: Quartz, Feldspars, and Rare Earth Elements from Gneiss Quarries of the Verbano-Cusio-Ossola Province (Piedmont, Northern Italy). Sustainability, 2022, 14, 4536.	1.6	0