

Nadia Malaspina

List of Publications by Year in descending order

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27
papers

1,099
citations

516710

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552781

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31
all docs

31
docs citations

31
times ranked

1056
citing authors

#	ARTICLE	IF	CITATIONS
1	Laboratory Simulation of Space Weathering on Silicate Surfaces in the Water Environment. <i>ACS Earth and Space Chemistry</i> , 2022, 6, 197-206.	2.7	2
2	Reaction-induced Mantle Weakening at High-Pressure Conditions: An Example From Garnet Pyroxenites of Ulten Zone (Eastern Alps, N Italy). <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022584.	3.4	1
3	Commensurate Growth of Magnetite Microinclusions in Olivine under Mantle Conditions. <i>ACS Earth and Space Chemistry</i> , 2020, 4, 825-830.	2.7	5
4	High pressure melting of eclogites and metasomatism of garnet peridotites from Monte Duria Area (Central Alps, N Italy): A proxy for melt-rock reaction during subduction. <i>Lithos</i> , 2020, 358-359, 105391.	1.4	6
5	Redox processes and the role of carbon-bearing volatiles from the slab-mantle interface to the mantle wedge. <i>Journal of the Geological Society</i> , 2019, 176, 388-397.	2.1	29
6	Granulite-facies Overprint in Garnet Peridotites and Kyanite Eclogites of Monte Duria (Central Alps,) <i>Tectonophysics</i> , 2019, 750, 28-46.	2.8	16
7	Contrasting subduction-exhumation paths in the blueschists of the Anarak Metamorphic Complex (Central Iran). <i>Geological Magazine</i> , 2018, 155, 316-334.	1.5	11
8	The redox budget of crust-derived fluid phases at the slab-mantle interface. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 209, 70-84.	3.9	28
9	Creep of mafic dykes infiltrated by melt in the lower continental crust (Seiland Igneous Province,) <i>Tectonophysics</i> , 2017, 714, 1-14.	1.4	7
10	Earthquakes as Precursors of Ductile Shear Zones in the Dry and Strong Lower Crust. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 4356-4374.	2.5	61
11	Threshold size for fluid inclusion decrepitation. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 7396-7402.	3.4	18
12	Ultra-oxidized rocks in subduction magmas? Decoupling between oxygen fugacity and oxygen availability in a Mn-rich metasomatic environment. <i>Lithos</i> , 2015, 226, 116-130.	1.4	47
13	Dynamics of mineral crystallization from precipitated slab-derived fluid phase: first in situ synchrotron X-ray measurements. <i>Contributions To Mineralogy and Petrology</i> , 2015, 169, 1.	3.1	13
14	From rift to drift in South Pamir (Tajikistan): Permian evolution of a Cimmerian terrane. <i>Journal of Asian Earth Sciences</i> , 2015, 102, 146-169.	2.3	68
15	The Cimmerian accretionary wedge of Anarak, Central Iran. <i>Journal of Asian Earth Sciences</i> , 2015, 102, 45-72.	2.3	44
16	The role of C-O-H and oxygen fugacity in subduction-zone garnet peridotites. <i>European Journal of Mineralogy</i> , 2012, 24, 607-618.	1.3	28
17	Iron oxidation state in garnet from a subduction setting: a micro-XANES and electron microprobe (TEM-EDS) comparative study. <i>Journal of Analytical Atomic Spectrometry</i> , 2012, 27, 1725.	3.0	27
18	Fe ³⁺ distribution between garnet and pyroxenes in mantle wedge carbonate-bearing garnet peridotites (Sulu, China) and implications for their oxidation state. <i>Lithos</i> , 2012, 146-147, 11-17.	1.4	18

#	ARTICLE	IF	CITATIONS
19	Fluid-induced plastic deformation in the crustal Austroalpine system (Western Italian Alps): a petrologic and fluid inclusion analysis di Nadia MALASPINA, Marco SCAMBELLURI, Giorgio PENNACCHIONI & Chiara. SPAGNOLO. Italian Journal of Geosciences, 2011, , .	0.8	3
20	The oxidation state of mantle wedge majoritic garnet websterites metasomatised by C-bearing subduction fluids. Earth and Planetary Science Letters, 2010, 298, 417-426.	4.4	61
21	The Oxidation State of Metasomatized Mantle Wedge: Insights from C-O-H-bearing Garnet Peridotite. Journal of Petrology, 2009, 50, 1533-1552.	2.8	79
22	Fluid/mineral interaction in UHP garnet peridotite. Lithos, 2009, 107, 38-52.	1.4	87
23	OH-bearing planar defects in olivine produced by the breakdown of Ti-rich humite minerals from Dabie Shan (China). Contributions To Mineralogy and Petrology, 2007, 153, 417-428.	3.1	52
24	Polyphase inclusions in garnetâ€“orthopyroxenite (Dabie Shan, China) as monitors for metasomatism and fluid-related trace element transfer in subduction zone peridotite. Earth and Planetary Science Letters, 2006, 249, 173-187.	4.4	127
25	Multistage metasomatism in ultrahigh-pressure mafic rocks from the North Dabie Complex (China). Lithos, 2006, 90, 19-42.	1.4	74
26	Serpentinite Subduction: Implications for Fluid Processes and Trace-Element Recycling. International Geology Review, 2004, 46, 595-613.	2.1	175
27	Primary spinel + chlorite inclusions in mantle garnet formed at ultrahigh-pressure. Geochemical Perspectives Letters, 0, , 19-23.	5.0	12