Nadia Malaspina

List of Publications by Year
in descending order

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27	1,099	516710 16	552781 26
papers	citations	h-index	g-index

31	31	31	1056
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Serpentinite Subduction: Implications for Fluid Processes and Trace-Element Recycling. International Geology Review, 2004, 46, 595-613.	2.1	175
2	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
3	Fluid/mineral interaction in UHP garnet peridotite. Lithos, 2009, 107, 38-52.	1.4	87
4	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
5	Multistage metasomatism in ultrahigh-pressure mafic rocks from the North Dabie Complex (China). Lithos, 2006, 90, 19-42.	1.4	74
6	From rift to drift in South Pamir (Tajikistan): Permian evolution of a Cimmerian terrane. Journal of Asian Earth Sciences, 2015, 102, 146-169.	2.3	68
7	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
8	Earthquakes as Precursors of Ductile Shear Zones in the Dry and Strong Lower Crust. Geochemistry, Geophysics, Geosystems, 2017, 18, 4356-4374.	2.5	61
9	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
10	Ultra-oxidized rocks in subduction mÃ©langes? Decoupling between oxygen fugacity and oxygen availability in a Mn-rich metasomatic environment. Lithos, 2015, 226, 116-130.	1.4	47
11	The Cimmerian accretionary wedge of Anarak, Central Iran. Journal of Asian Earth Sciences, 2015, 102, 45-72.	2.3	44
12	Redox processes and the role of carbon-bearing volatiles from the slabâ€“mantle interface to the mantle wedge. Journal of the Geological Society, 2019, 176, 388-397.	2.1	29
13	The role of C-O-H and oxygen fugacity in subduction-zone garnet peridotites. European Journal of Mineralogy, 2012, 24, 607-618.	1.3	28
14	The redox budget of crust-derived fluid phases at the slab-mantle interface. Geochimica Et Cosmochimica Acta, 2017, 209, 70-84.	3.9	28
15	Iron oxidation state in garnet from a subduction setting: a micro-XANES and electron microprobe (â€œflank methodâ€) comparative study. Journal of Analytical Atomic Spectrometry, 2012, 27, 1725.	3.0	27
16	Fe3+ distribution between garnet and pyroxenes in mantle wedge carbonate-bearing garnet peridotites (Sulu, China) and implications for their oxidation state. Lithos, 2012, 146-147, 11-17.	1.4	18
17	Threshold size for fluid inclusion decrepitation. Journal of Geophysical Research: Solid Earth, 2015, 120, 7396-7402.	3.4	18
18	Granulite-facies Overprint in Garnet Peridotites and Kyanite Eclogites of Monte Duria (Central Alps,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.8	16

#	Article	IF	Citations
19	Dynamics of mineral crystallization from precipitated slab-derived fluid phase: first in situ synchrotron X-ray measurements. Contributions To Mineralogy and Petrology, 2015, 169, 1.	3.1	13
20	Primary spinel + chlorite inclusions in mantle garnet formed at ultrahigh-pressure. Geochemical Perspectives Letters, 0, , 19-23.	5.0	12
21	Contrasting subductionâ€“exhumation paths in the blueschists of the Anarak Metamorphic Complex (Central Iran). Geological Magazine, 2018, 155, 316-334.	1.5	11
22	Creep of mafic dykes infiltrated by melt in the lower continental crust (Seiland Igneous Province,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	1.4	7
23	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. Lithos, 2020, 358-359, 105391.	1.4	6
24	Commensurate Growth of Magnetite Microinclusions in Olivine under Mantle Conditions. ACS Earth and Space Chemistry, 2020, 4, 825-830.	2.7	5
25	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
26	Laboratory Simulation of Space Weathering on Silicate Surfaces in the Water Environment. ACS Earth and Space Chemistry, 2022, 6, 197-206.	2.7	2
27	Reactionâ€Induced Mantle Weakening at Highâ€Pressure Conditions: An Example From Garnet Pyroxenites of Ulten Zone (Eastern Alps, N Italy). Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB022584.	3.4	1