

Antonio Langone

List of Publications by Year in descending order

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74
papers

1,727
citations

279487

23
h-index

315357

38
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77
all docs

77
docs citations

77
times ranked

1584
citing authors

#	ARTICLE	IF	CITATIONS
1	Tectonometamorphic discontinuities within the Greater Himalayan Sequence in Western Nepal (Central Himalaya): Insights on the exhumation of crystalline rocks. <i>Tectonophysics</i> , 2013, 608, 1349-1370.	0.9	150
2	Pressure-temperature-time-deformation path of kyanite-bearing migmatitic paragneiss in the Kali Gandaki valley (Central Nepal): Investigation of Late Eocene-early Oligocene melting processes. <i>Lithos</i> , 2015, 231, 103-121.	0.6	101
3	The partitioning of trace elements between clinopyroxene and trachybasaltic melt during rapid cooling and crystal growth. <i>Contributions To Mineralogy and Petrology</i> , 2013, 166, 1633-1654.	1.2	91
4	High-Mg Andesite Petrogenesis by Amphibole Crystallization and Ultramafic Crust Assimilation: Evidence from Adamello Hornblendites (Central Alps, Italy). <i>Journal of Petrology</i> , 2011, 52, 1011-1045.	1.1	74
5	Middle to late Eocene exhumation of the Greater Himalayan Sequence in the Central Himalayas: Progressive accretion from the Indian plate. <i>Bulletin of the Geological Society of America</i> , 2016, 128, 1571-1592.	1.6	72
6	Geochemistry of the apulian allochthonous karst bauxite, Southern Italy: Distribution of critical elements and constraints on Late Cretaceous Peri-Tethyan palaeogeography. <i>Ore Geology Reviews</i> , 2016, 77, 246-259.	1.1	67
7	Eocene partial melting recorded in peritectic garnets from kyanite-gneiss, Greater Himalayan Sequence, central Nepal. <i>Geological Society Special Publication</i> , 2015, 412, 111-129.	0.8	59
8	On the Recycling of Amphibole-rich Ultramafic Intrusive Rocks in the Arc Crust: Evidence from Shikanoshima Island (Kyushu, Japan). <i>Journal of Petrology</i> , 2012, 53, 1255-1285.	1.1	47
9	Pressure-temperature-deformation-time constraints on the South Tibetan Detachment System in the Garhwal Himalaya (NW India). <i>Tectonics</i> , 2017, 36, 2281-2304.	1.3	43
10	Origin and age of zircon-bearing chromitite layers from the Finero phlogopite peridotite (Ivrea-Verbano Zone, Western Alps) and geodynamic consequences. <i>Lithos</i> , 2016, 262, 58-74.	0.6	41
11	Pressure-temperature-time path of the Hercynian low-pressure rocks from the Mandatoriccio complex (Sila Massif, Calabria, Italy). <i>Journal of Petrology</i> , 2017, 58, 107-127.	1.1	38
12	The Curinga-Girifalco fault zone (northern Serre, Calabria) and its significance within the Alpine tectonic evolution of the western Mediterranean. <i>Journal of Geodynamics</i> , 2006, 42, 140-158.	0.7	35
13	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.	0.6	35
14	Dating of ultramafic rocks from the Western Alps ophiolites discloses Late Cretaceous subduction ages in the Zermatt-Saas Zone. <i>Geological Magazine</i> , 2018, 155, 298-315.	0.9	35
15	Hydrous melts weaken the mantle, crystallization of pargasite and phlogopite does not: Insights from a petrostructural study of the Finero peridotites, southern Alps. <i>Earth and Planetary Science Letters</i> , 2017, 477, 59-72.	1.8	32
16	Multiple injections of magmas along a Hercynian mid-crustal shear zone (Sila Massif, Calabria, Italy). <i>Journal of Structural Geology</i> , 2008, 30, 1202-1217.	1.0	31
17	Time Constraints on the Building of the Serre Batholith: Consequences for the Thermal Evolution of the Hercynian Continental Crust Exposed in Calabria (Southern Italy). <i>Journal of Geology</i> , 2014, 122, 183-199.	0.7	31
18	Kinematic and geochronological constraints on shear deformation in the Ferriere-Mollières shear zone (Argentiera-Mercantour Massif, Western Alps): implications for the evolution of the Southern European Variscan Belt. <i>International Journal of Earth Sciences</i> , 2018, 107, 2163-2189.	0.9	29

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19	Synchronous Periadriatic magmatism in the Western and Central Alps in the absence of slab breakoff. <i>Terra Nova</i> , 2019, 31, 120-128.	0.9	29
20	U-Pb Ages, Pb-Os Isotope Ratios, and Platinum-Group Element (PGE) Composition of the West-Central Madagascar Flood Basalt Province. <i>Journal of Geology</i> , 2010, 118, 523-541.	0.7	28
21	Time and duration of Variscan high-temperature metamorphic processes in the south European Variscides: constraints from U-Pb chronology and trace element chemistry of zircon. <i>Mineralogy and Petrology</i> , 2011, 103, 101-122.	0.4	28
22	First U-Pb detrital zircon ages from Numidian sandstones in Southern Apennines (Italy): Evidences of African provenance. <i>Sedimentary Geology</i> , 2015, 320, 19-29.	1.0	27
23	The transition between the two major Permian tectono-stratigraphic cycles in the central Southern Alps: results from facies analysis and U/Pb geochronology. <i>International Journal of Earth Sciences</i> , 2013, 102, 1181-1202.	0.9	26
24	The role of trace element partitioning between garnet, zircon and orthopyroxene on the interpretation of zircon U-Pb ages: an example from high-grade basement in Calabria (Southern Italy). <i>International Journal of Earth Sciences</i> , 2014, 103, 487-507.	0.9	24
25	Zircon U-Pb Dating of a Lower Crustal Shear Zone: A Case Study From the Northern Sector of the Ivrea-Verbano Zone (Val Cannobina, Italy). <i>Tectonics</i> , 2018, 37, 322-342.	1.3	24
26	Dike magmatism in the Sila Grande (Calabria, southern Italy): Evidence of Pennsylvanian-Early Permian exhumation. , 2010, 6, 549-566.		22
27	A seismogenic zone in the deep crust indicated by pseudotachylytes and ultramytonites in granulite-facies rocks of Calabria (Southern Italy). <i>Contributions To Mineralogy and Petrology</i> , 2013, 166, 975-994.	1.2	22
28	U-Pb geochronology and geochemistry of late Palaeozoic volcanism in Sardinia (southern Variscides). <i>Geoscience Frontiers</i> , 2017, 8, 1263-1284.	4.3	22
29	Ductile-brittle deformation effects on crystal-chemistry and U-Pb ages of magmatic and metasomatic zircons from a dyke of the Finero Mafic Complex (Ivrea-Verbano Zone, Italian Alps). <i>Lithos</i> , 2017, 284-285, 493-511.	0.6	20
30	Geochemistry of Eocene-Early Oligocene low-temperature crustal melts from Greater Himalayan Sequence (Nepal): a nanogranitoid perspective. <i>Contributions To Mineralogy and Petrology</i> , 2019, 174, 1.	1.2	19
31	Time-space relationships among structural and metamorphic aureoles related to granite emplacement: a case study from the Serre Massif (southern Italy). <i>Geological Magazine</i> , 2013, 150, 441-454.	0.9	18
32	Cambro-Silurian magmatism at the northern Gondwana margin (Penninic basement of the Ligurian) <i>Tectonics</i> , 2010, 29, 1000-1010.	4.3	18
33	Kinematics and Timing Constraints in a Transpressive Tectonic Regime: The Example of the Posada-Asinara Shear Zone (NE Sardinia, Italy). <i>Geosciences (Switzerland)</i> , 2020, 10, 288.	1.0	18
34	The Cotoncello Shear Zone (Elba Island, Italy): The deep root of a fossil oceanic detachment fault in the Ligurian ophiolites. <i>Lithos</i> , 2017, 278-281, 445-463.	0.6	17
35	Multianalytical provenance analysis of eastern Ross Sea LGM till sediments (Antarctica): Petrography, geochronology, and thermochronology detrital data. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 2275-2304.	1.0	17
36	Nature and age of pre-Variscan eclogite protoliths from the Low- to Medium-Grade Metamorphic Complex of north-central Sardinia (Italy) and comparisons with coeval Sardinian eclogites in the northern Gondwana context. <i>Journal of the Geological Society</i> , 2015, 172, 792-807.	0.9	16

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37	Permo-Triassic thermal events in the lower Variscan continental crust section of the Northern Calabrian Arc, Southern Italy: Insights from petrological data and in situ U-Pb zircon geochronology on gabbros. <i>Lithos</i> , 2011, 124, 291-307.	0.6	15
38	Geochronological study of zircons from continental crust rocks in the Frido Unit (southern Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 T	0.9	15
39	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.	0.6	15
40	Last glacial tephra layers in the Talos Dome ice core (peripheral East Antarctic Plateau), with implications for chronostratigraphic correlations and regional volcanic history. <i>Quaternary Science Reviews</i> , 2017, 165, 111-126.	1.4	15
41	REE partition among zircon, orthopyroxene, amphibole and garnet in a high-grade metabasic system. <i>Geological Magazine</i> , 2018, 155, 1705-1726.	0.9	15
42	New geochemical and isotopic insights into the Late Antique Apulian glass and the HIMT1 and HIMT2 glass productions—the glass vessels from San Giusto (Foggia, Italy) and the diagrams for provenance studies. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 141-170.	0.7	15
43	A new Eemian record of Antarctic tephra layers retrieved from the Talos Dome ice core (Northern Tj ETQq1 1 0.784314 rgBT /Overlock	1.6	14
44	Clinopyroxene-melt element partitioning during interaction between trachybasaltic magma and siliceous crust: Clues from quartzite enclaves at Mt. Etna volcano. <i>Lithos</i> , 2017, 284-285, 447-461.	0.6	14
45	Vorticity analysis of the Palmi shear zone mylonites: new insights for the Alpine tectonic evolution of the Calabria-Peloritani terrane (southern Italy). <i>Geological Journal</i> , 2016, 51, 670-681.	0.6	13
46	Detrital signatures of impending collision: The deep-water record of the Upper Cretaceous Bordighera Sandstone and its basal complex (Ligurian Alps, Italy). <i>Sedimentary Geology</i> , 2018, 377, 147-161.	1.0	13
47	Preliminary U-Pb Detrital Zircon Ages from Tufiti di Tusa Formation (Lucanian Apennines, Southern Tj ETQq1 1 0.784314 rgBT /Overlock	0.8	13
48	Early Cretaceous Plume-Ridge Interaction Recorded in the Band-e-Zeyarat Ophiolite (North Makran,) Tj ETQq0 0 0 rgBT /Overlock 10 T (Basel, Switzerland), 2020, 10, 1100.	0.8	12
49	The Main Central Thrust zone along the Alaknanda and Dhaulti Ganga valleys (Garhwal Himalaya, NW Tj ETQq1 1 0.784314 rgBT /Over	0.6	12
50	Occurrence of phlogopite in the Finero Mafic layered complex. <i>Open Geosciences</i> , 2014, 6, 588-613.	0.6	11
51	Mantle-Derived Corundum-Bearing Felsic Dykes May Survive Only within the Lower (Refractory/Inert) Crust: Evidence from Zircon Geochemistry and Geochronology (Ivrea-Verbanò Zone, Southern Alps,) Tj ETQq1 1 0.784314 rgBT /Over	0.7	11
52	What can high-P sheared orthogneisses tell us? An example from the Curinga-Girifalco Line (Calabria, southern Italy). <i>Journal of Metamorphic Geology</i> , 2021, 39, 919-944.	1.6	10
53	Towards a Southern European Tethyan Palaeomargin provenance signature: sandstone detrital modes and detrital zircon U-Pb age distribution of the Upper Cretaceous-Paleocene Monte Bignone Sandstones (Ligurian Alps, NW Italy). <i>International Journal of Earth Sciences</i> , 2020, 109, 201-220.	0.9	9
54	U-Pb detrital zircon ages from Gorgoglione Flysch sandstones in Southern Apennines (Italy) as provenance indicators. <i>Geological Magazine</i> , 2021, 158, 859-874.	0.9	9

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55	The Bajgan Complex revealed as a Cretaceous ophiolite-bearing subduction complex: A key to unravel the geodynamics of Makran (southeast Iran). <i>Journal of Asian Earth Sciences</i> , 2021, 222, 104965.	1.0	9
56	Microstructure and Geochemistry of Magmatic Dykes from the Arabian Margin, Red Sea. , 2019, , 437-471.		8
57	Porphyroclasts: Source and Sink of Major and Trace Elements During Deformation-Induced Metasomatism (Finero, Ivrea-Verbanò Zone, Italy). <i>Geosciences (Switzerland)</i> , 2020, 10, 196.	1.0	7
58	Mapping tectono-metamorphic discontinuities in orogenic belts: implications for mid-crust exhumation in NW Himalaya. <i>Lithos</i> , 2021, 392-393, 106129.	0.6	7
59	From the upper to the lower continental crust exposed in Calabria. <i>Geological Field Trips</i> , 2013, 5, 1-49.	0.3	7
60	Crustal xenoliths from Tallante (Betic Cordillera, Spain): insights into the crust-mantle boundary. <i>Geological Magazine</i> , 2013, 150, 952-958.	0.9	6
61	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.	0.6	6
62	New geochemical and Sr-Nd isotopic data on medieval plant ash-based glass: The glass collection from San Lorenzo in Carmignano (12th-14th centuries AD, Italy). <i>Microchemical Journal</i> , 2021, 168, 106371.	2.3	6
63	Garnets from Val d'Ala Rodingites, Piedmont, Italy: An Investigation of Their Gemological, Spectroscopic and Crystal Chemical Properties. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 728.	0.8	4
64	Crystal Chemistry of Barian Titanian Phlogopite from a Lamprophyre of the Gargano Promontory (Apulia, Southern Italy). <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 766.	0.8	4
65	Local variations of metamorphic record from compositionally heterogeneous rocks (Cima di Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 137 106126.	0.6	4
66	Structural setting of the Yalaxiangbo dome, SE Tibet (China). <i>Italian Journal of Geosciences</i> , 2018, 137, 330-347.	0.4	4
67	The influence of oxygen fugacity and chlorine on amphibole-liquid trace element partitioning at upper-mantle conditions. <i>European Journal of Mineralogy</i> , 2022, 34, 35-57.	0.4	4
68	Gem-Quality Tourmaline from LCT Pegmatite in Adamello Massif, Central Southern Alps, Italy: An Investigation of Its Mineralogy, Crystallography and 3D Inclusions. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 593.	0.8	3
69	Geochemical and geochronological dataset of rutile from a Variscan metabasite in Sardinia, Italy. <i>Data in Brief</i> , 2020, 31, 105925.	0.5	3
70	Role of the Down-Bending Plate as a Detrital Source in Convergent Systems Revealed by U-Pb Dating of Zircon Grains: Insights from the Southern Andes and Western Italian Alps. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 106371.	0.6	3
71	News from the hellandite group: the redefinition of mottanaite and ciprianiite and the new mineral description of ferri-mottanaite-(Ce), the first Fe ³⁺ -dominant hellandite. <i>European Journal of Mineralogy</i> , 2019, 31, 799-806.	0.4	2
72	Role of inherited compositional and structural heterogeneity in shear zone development at mid-low levels of the continental crust (the Anzola shear zone; Ivrea-Verbanò Zone, Southern Alps). <i>Lithos</i> , 2022, 422-423, 106745.	0.6	2

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73	Clinopyroxene chemistry in Tertiary alkaline volcanic rocks from Taleghan, central Alborz, Iran: Implications for two parental melts. <i>Chemie Der Erde</i> , 2013, 73, 565-568.	0.8	1
74	The spessartine–almandine garnet from Val Codera pegmatite, Central Alps, Italy: a new insight on the crystallochemistry and a 3D image analysis of its inclusions. <i>Rendiconti Lincei</i> , 2018, 29, 699-707.	1.0	0