Andrea Dini

List of Publications by Year
in descending order

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53 papers	1,858 citations	236925 25 h-index	265206 42 g-index
54 all docs	54 docs citations	54 times ranked	1719 citing authors

#	Article	IF	Citations
1	Isotopic and element exchange during serpentinization and metasomatism at the Atlantis Massif (MAR) Tj ETQq1 1 0.784314 rgBT /Ov	3.9	166
2	The magmatic evolution of the late Miocene laccolithâ€“plutonâ€“dyke granitic complex of Elba Island, Italy. Geological Magazine, 2002, 139, 257-279.	1.5	140
3	Origin and evolution of Plioceneâ€“Pleistocene granites from the Larderello geothermal field (Tuscan) Tj ETQq1 1 0.784314 rgBT /Ov	1.4	131
4	Enhanced CO2-mineral sequestration by cyclic hydraulic fracturing and Si-rich fluid infiltration into serpentinites at Malentrata (Tuscany, Italy). Chemical Geology, 2009, 265, 209-226.	3.3	103
5	Two-stage growth of laccoliths at Elba Island, Italy. Geology, 2002, 30, 983.	4.4	89
6	Sericitic alteration at the La Crocetta deposit (Elba Island, Italy): interplay between magmatism, tectonics and hydrothermal activity. Mineralium Deposita, 2003, 38, 67-86.	4.1	67
7	Extreme mineral-scale Sr isotope heterogeneity in granites by disequilibrium melting of the crust. Earth and Planetary Science Letters, 2014, 399, 103-115.	4.4	55
8	Coexistence of low-angle normal and high-angle strike- to oblique-slip faults during Late Miocene mineralization in eastern Elba Island (Italy). Tectonophysics, 2015, 660, 17-34.	2.2	51
9	Thallium-rich pyrite ores from the Apuan Alps, Tuscany, Italy:constraints for their origin and environmental concerns. Mineralium Deposita, 2017, 52, 687-707.	4.1	51
10	Multiple hydroâ€fracturing by boronâ€rich fluids in the Late Miocene contact aureole of eastern Elba Island (Tuscany, Italy). Terra Nova, 2008, 20, 318-326.	2.1	46
11	Rise and fall of a nested Christmas-tree laccolith complex, Elba Island, Italy. Geological Society Special Publication, 2004, 234, 195-213.	1.3	45
12	Mobilization of Tl-Hg-As-Sb-(Ag,Cu)-Pb sulfosalt melts during low-grade metamorphism in the Alpi Apuane (Tuscany, Italy). Geology, 2013, 41, 747-750.	4.4	45
13	Miocene magmatism and tectonics of the easternmost sector of the Calama-Olacapato-El Toro fault system in Central Andes at Â24ÂS: Insights into the evolution of the Eastern Cordillera. Bulletin of the Geological Society of America, 2008, 120, 1493-1517.	3.3	43
14	Tourmaline as a Tracer of Late-Magmatic to Hydrothermal Fluid Evolution: The World-Class San Rafael Tin (-Copper) Deposit, Peru. Economic Geology, 2020, 115, 1665-1697.	3.8	43
15	Migration of geothermal fluids in extensional terrains: the ore deposits of the Boccheggiano-Montieri area (southern Tuscany, Italy). International Journal of Earth Sciences, 2010, 99, 623-644.	1.8	42
16	Zircon petrochronology reveals the timescale and mechanism of anatectic magma formation. Earth and Planetary Science Letters, 2018, 495, 213-223.	4.4	40
17	Magma emplacement in a transfer zone: the Miocene mafic Orano dyke swarm of Elba Island, Tuscany, Italy. Geological Society Special Publication, 2008, 302, 131-148.	1.3	38
18	Reverse telescoping in a distal skarn system (Campiglia Marittima, Italy). Ore Geology Reviews, 2016, 77, 176-193.	2.7	36

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19	Reaction microtextures of REEâ€“Yâ€“Thâ€“U accessory minerals in the Monte Capanne pluton (Elba Island,) Tj ETQq1 1 0.784314 rgBT	1.4	34
20	THE TUNGSTEN AND TIN SIGNATURE OF IRON ORES FROM ELBA ISLAND (ITALY): A TOOL FOR PROVENANCE STUDIES OF IRON PRODUCTION IN THE MEDITERRANEAN REGION. Archaeometry, 2013, 55, 479-506.	1.3	34
21	Permeability and hydraulic conductivity of faulted micaschist in the eastern Elba Island exhumed geothermal system (Tyrrhenian sea, Italy): insights from Cala Stagnone. Geothermics, 2017, 70, 125-145.	3.4	32
22	Early Miocene strike-slip tectonics and granite emplacement in the Alboran Domain (Rif Chain,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 2013, 608, 774-791.	2.2	31
23	Data integration and conceptual modelling of the Larderello geothermal area, Italy. Energy Procedia, 2017, 125, 300-309.	1.8	30
24	An overview on the characteristics of geothermal carbonate reservoirs in southern Tuscany. Italian Journal of Geosciences, 2016, 135, 17-29.	0.8	27
25	Hercynian anatexis in the envelope of the Beni Bousera peridotites (Alboran Domain, Morocco): Implications for the tectono-metamorphic evolution of the deep crustal roots of the Mediterranean region. Gondwana Research, 2020, 83, 157-182.	6.0	27
26	Mercury deposits in metamorphic settings: the example of Levigliani and Ripa mines, Apuane Alps (Tuscany, Italy). Ore Geology Reviews, 2001, 18, 149-167.	2.7	26
27	Feeding and growth of a dykeâ€“laccolith system (Elba Island, Italy) from AMS and mineral fabric data. Journal of the Geological Society, 2014, 171, 413-424.	2.1	26
28	Peritectic phase entrainment and magma mixing in the late Miocene Elba Island laccolithâ€“plutonâ€“dyke complex (Italy). Lithos, 2012, 153, 243-260.	1.4	25
29	Fluid mixing as primary trigger for cassiterite deposition: Evidence from in situ Î´18O-Î´11B analysis of tourmaline from the world-class San Rafael tin (-copper) deposit, Peru. Earth and Planetary Science Letters, 2021, 563, 116889.	4.4	23
30	Early Renaissance Production Recipes for Naples Yellow Pigment: A Mineralogical and Lead Isotope Study of Italian Majolica from Montelupo (Florence). Archaeometry, 2015, 57, 879-896.	1.3	21
31	Layered amphibolite sequence in NE Sardinia, Italy: remnant of a pre-Variscan mafic silicic layered intrusion?. Contributions To Mineralogy and Petrology, 2005, 149, 164-180.	3.1	20
32	Metabasite from the Variscan belt in NE Sardinia, Italy: within-plate OIB-like melts with very high Sr and low Nd isotope ratios. European Journal of Mineralogy, 2010, 22, 509-523.	1.3	20
33	Seismic slip recorded in tourmaline fault mirrors from Elba Island (Italy). Journal of Structural Geology, 2016, 86, 1-12.	2.3	20
34	Structural Controls of Ore Mineralization in a Polydeformed Basement: Field Examples from the Variscan Baccu Locci Shear Zone (SE Sardinia, Italy). Minerals (Basel, Switzerland), 2018, 8, 456.	2.0	20
35	Muon Radiography of Ancient Mines: The San Silvestro Archaeo-Mining Park (Campiglia Marittima,) Tj ETQq1 1 0.784314 rgBT /Overlock	2.5	18
36	The geological and metallogenic map of the Baccu Locci mine area (Sardinia, Italy). Journal of Maps, 2011, 7, 103-114.	2.0	16

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37	Timeâ€“space focused intrusion of genetically unrelated arc magmas in the early Paleozoic Rossâ€“Delamerian Orogen (Morozumi Range, Antarctica). Lithos, 2015, 232, 84-99.	1.4	16
38	Element and isotope mobility during waterâ€“rock interaction processes. Physics and Chemistry of the Earth, 2005, 30, 993-996.	2.9	15
39	Sooty sweat stains or tourmaline spots? The Argonauts on the Island of Elba (Tuscany) and the spread of Greek trading in the Mediterranean Sea. Geological Society Special Publication, 2007, 273, 227-243.	1.3	15
40	Fluid source and pressureâ€“temperature conditions of high-salinity fluids in syn-tectonic veins from the Northeastern Apuan Alps (Northern Apennines, Italy). Physics and Chemistry of the Earth, 2005, 30, 1005-1019.	2.9	14
41	New data on the paleogeography of Southern Tuscany (Italy) since Late Miocene time. International Journal of Earth Sciences, 2010, 99, 1357-1381.	1.8	14
42	Monte Ollasteddu, a new gold discovery in the Variscan basement of Sardinia (Italy): first isotopic (40Arâ^39Ar, Pb) and fluid inclusion data. Mineralium Deposita, 2005, 40, 337-346.	4.1	13
43	Lead-Antimony Sulfosalts from Tuscany (Italy). XX. Members of the Jordaniteâ€“Geocronite Series from the Pollone Mine, Valdicastello Carducci: Occurrence and Crystal Structures. Minerals (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	2.0	13
44	Constraints on the sedimentary input into the Loki's Castle hydrothermal system (AMOR) from B isotope data. Chemical Geology, 2016, 443, 111-120.	3.3	13
45	Post-emplacement thermo-rheological history of a granite intrusion and surrounding rocks: the Monte Capanne pluton, Elba Island, Italy. Geological Society Special Publication, 2014, 394, 129-143.	1.3	10
46	Lateral extrusion of a thermally weakened pluton overburden (Campiglia Marittima, Tuscany). International Journal of Earth Sciences, 2018, 107, 1343-1355.	1.8	10
47	Copper metallurgy in ancient Etruria (southern Tuscany, Italy) at the Bronze-Iron Age transition: a lead isotope provenance study. Journal of Archaeological Science: Reports, 2018, 19, 11-23.	0.5	8
48	Footprints of element mobility during metasomatism linked to a late Miocene peraluminous granite intruding a carbonate host (Campiglia Marittima, Tuscany). International Journal of Earth Sciences, 2019, 108, 1617-1641.	1.8	7
49	HFSEâ€REE Transfer Mechanisms During Metasomatism of a Late Miocene Peraluminous Granite Intruding a Carbonate Host (Campiglia Marittima, Tuscany). Minerals (Basel, Switzerland), 2019, 9, 682.	2.0	7
50	Multidisciplinary applications of muon radiography using the MIMA detector. Journal of Instrumentation, 2020, 15, C05030-C05030.	1.2	7
51	Timescale of a magmatic-hydrothermal system revealed by 40Arâ€“39Ar geochronology: the Mio-Pliocene Campiglia Marittima system (Tuscany, Italy). Scientific Reports, 2022, 12, 7128.	3.3	7
52	Permian Hydrothermal Alteration Preserved in Polymetamorphic Basement and Constraints for Ore-genesis (Alpi Apuane, Italy). Geosciences (Switzerland), 2020, 10, 399.	2.2	4
53	Magnesio-lucchesiite, CaMg3Al6(Si6O18)(BO3)3(OH)3O, a new species of the tourmaline supergroup. American Mineralogist, 2021, 106, 862-871.	1.9	4