

# Andrea Dini

## List of Publications by Year in descending order

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53  
papers

1,858  
citations

236612

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Isotopic and element exchange during serpentinization and metasomatism at the Atlantis Massif (MAR) Tj ETQq1	1.0784314	166
2	The magmatic evolution of the late Miocene laccolithic "pluton" dyke granitic complex of Elba Island, Italy. Geological Magazine, 2002, 139, 257-279.	0.9	140
3	Origin and evolution of Pliocene-Pleistocene granites from the Larderello geothermal field (Tuscan) Tj ETQq1	1.0784314	131
4	Enhanced CO <sub>2</sub> -mineral sequestration by cyclic hydraulic fracturing and Si-rich fluid infiltration into serpentinites at Malenrata (Tuscany, Italy). Chemical Geology, 2009, 265, 209-226.	1.4	103
5	Two-stage growth of laccoliths at Elba Island, Italy. Geology, 2002, 30, 983.	2.0	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.	1.7	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.	1.8	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.	0.9	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.	1.7	51
10	Multiple hydrofracturing by boron-rich fluids in the Late Miocene contact aureole of eastern Elba Island (Tuscany, Italy). Terra Nova, 2008, 20, 318-326.	0.9	46
11	Rise and fall of a nested Christmas-tree laccolith complex, Elba Island, Italy. Geological Society Special Publication, 2004, 234, 195-213.	0.8	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.	2.0	45
13	Miocene magmatism and tectonics of the easternmost sector of the Calama-Olapato-El Toro fault system in Central Andes at 24°S: Insights into the evolution of the Eastern Cordillera. Bulletin of the Geological Society of America, 2008, 120, 1493-1517.	1.6	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.	1.8	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.	0.9	42
16	Zircon petrochronology reveals the timescale and mechanism of anatectic magma formation. Earth and Planetary Science Letters, 2018, 495, 213-223.	1.8	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.	0.8	38
18	Reverse telescoping in a distal skarn system (Campiglia Marittima, Italy). Ore Geology Reviews, 2016, 77, 176-193.	1.1	36

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19	Reaction microtextures of REE-Y-Th-U accessory minerals in the Monte Capanne pluton (Elba Island, Italy). <i>Journal of Petrology</i> , 2013, 54, 1079-1106.	0.6	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. <i>Archaeometry</i> , 2013, 55, 479-506.	0.6	34
21	Permeability and hydraulic conductivity of faulted micaschist in the eastern Elba Island exhumed geothermal system (Tyrrhenian sea, Italy): insights from Cala Stagnone. <i>Geothermics</i> , 2017, 70, 125-145.	1.5	32
22	Early Miocene strike-slip tectonics and granite emplacement in the Alboran Domain (Rif Chain, Morocco). <i>Journal of Petrology</i> , 2013, 54, 774-791.	0.9	31
23	Data integration and conceptual modelling of the Larderello geothermal area, Italy. <i>Energy Procedia</i> , 2017, 125, 300-309.	1.8	30
24	An overview on the characteristics of geothermal carbonate reservoirs in southern Tuscany. <i>Italian Journal of Geosciences</i> , 2016, 135, 17-29.	0.4	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. <i>Gondwana Research</i> , 2020, 83, 157-182.	3.0	27
26	Mercury deposits in metamorphic settings: the example of Levigliani and Ripa mines, Apuane Alps (Tuscany, Italy). <i>Ore Geology Reviews</i> , 2001, 18, 149-167.	1.1	26
27	Feeding and growth of a dyke-laccolith system (Elba Island, Italy) from AMS and mineral fabric data. <i>Journal of the Geological Society</i> , 2014, 171, 413-424.	0.9	26
28	Peritectic phase entrainment and magma mixing in the late Miocene Elba Island laccolith-pluton-dyke complex (Italy). <i>Lithos</i> , 2012, 153, 243-260.	0.6	25
29	Fluid mixing as primary trigger for cassiterite deposition: Evidence from in situ $^{18}O$ - $^{11}B$ analysis of tourmaline from the world-class San Rafael tin (-copper) deposit, Peru. <i>Earth and Planetary Science Letters</i> , 2021, 563, 116889.	1.8	23
30	Early Renaissance Production Recipes for Naples Yellow Pigment: A Mineralogical and Lead Isotope Study of Italian Majolica from Montelupo (Florence). <i>Archaeometry</i> , 2015, 57, 879-896.	0.6	21
31	Layered amphibolite sequence in NE Sardinia, Italy: remnant of a pre-Variscan mafic silicic layered intrusion?. <i>Contributions To Mineralogy and Petrology</i> , 2005, 149, 164-180.	1.2	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. <i>European Journal of Mineralogy</i> , 2010, 22, 509-523.	0.4	20
33	Seismic slip recorded in tourmaline fault mirrors from Elba Island (Italy). <i>Journal of Structural Geology</i> , 2016, 86, 1-12.	1.0	20
34	Structural Controls of Ore Mineralization in a Polydeformed Basement: Field Examples from the Variscan Baccu Locci Shear Zone (SE Sardinia, Italy). <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 456.	0.8	20
35	Muon Radiography of Ancient Mines: The San Silvestro Archaeo-Mining Park (Campiglia Marittima, Italy). <i>Journal of Cultural Heritage</i> , 2018, 18, 107-114.	0.9	18
36	The geological and metallogenic map of the Baccu Locci mine area (Sardinia, Italy). <i>Journal of Maps</i> , 2011, 7, 103-114.	1.0	16

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37	Time- and space focused intrusion of genetically unrelated arc magmas in the early Paleozoic Ross Delamerian Orogen (Morozumi Range, Antarctica). <i>Lithos</i> , 2015, 232, 84-99.	0.6	16
38	Element and isotope mobility during water-rock interaction processes. <i>Physics and Chemistry of the Earth</i> , 2005, 30, 993-996.	1.2	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. <i>Geological Society Special Publication</i> , 2007, 273, 227-243.	0.8	15
40	Fluid source and pressure-temperature conditions of high-salinity fluids in syn-tectonic veins from the Northeastern Apuan Alps (Northern Apennines, Italy). <i>Physics and Chemistry of the Earth</i> , 2005, 30, 1005-1019.	1.2	14
41	New data on the paleogeography of Southern Tuscany (Italy) since Late Miocene time. <i>International Journal of Earth Sciences</i> , 2010, 99, 1357-1381.	0.9	14
42	Monte Ollasteddu, a new gold discovery in the Variscan basement of Sardinia (Italy): first isotopic ( $^{40}\text{Ar}/^{39}\text{Ar}$ , Pb) and fluid inclusion data. <i>Mineralium Deposita</i> , 2005, 40, 337-346.	1.7	13
43	Lead-Antimony Sulfosalts from Tuscany (Italy). XX. Members of the Jordanite-Geocronite Series from the Pollone Mine, Valdicastello Carducci: Occurrence and Crystal Structures. <i>Minerals (Basel)</i> , 2019, 9, 1073-1091.	0.784314	10
44	Constraints on the sedimentary input into the Loki's Castle hydrothermal system (AMOR) from B isotope data. <i>Chemical Geology</i> , 2016, 443, 111-120.	1.4	13
45	Post-emplacement thermo-rheological history of a granite intrusion and surrounding rocks: the Monte Capanne pluton, Elba Island, Italy. <i>Geological Society Special Publication</i> , 2014, 394, 129-143.	0.8	10
46	Lateral extrusion of a thermally weakened pluton overburden (Campiglia Marittima, Tuscany). <i>International Journal of Earth Sciences</i> , 2018, 107, 1343-1355.	0.9	10
47	Copper metallurgy in ancient Etruria (southern Tuscany, Italy) at the Bronze-Iron Age transition: a lead isotope provenance study. <i>Journal of Archaeological Science: Reports</i> , 2018, 19, 11-23.	0.2	8
48	Footprints of element mobility during metasomatism linked to a late Miocene peraluminous granite intruding a carbonate host (Campiglia Marittima, Tuscany). <i>International Journal of Earth Sciences</i> , 2019, 108, 1617-1641.	0.9	7
49	HFSE-REE Transfer Mechanisms During Metasomatism of a Late Miocene Peraluminous Granite Intruding a Carbonate Host (Campiglia Marittima, Tuscany). <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 682.	0.8	7
50	Multidisciplinary applications of muon radiography using the MIMA detector. <i>Journal of Instrumentation</i> , 2020, 15, C05030-C05030.	0.5	7
51	Timescale of a magmatic-hydrothermal system revealed by $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology: the Mio-Pliocene Campiglia Marittima system (Tuscany, Italy). <i>Scientific Reports</i> , 2022, 12, 7128.	1.6	7
52	Permian Hydrothermal Alteration Preserved in Polymetamorphic Basement and Constraints for Ore-genesis (Alpi Apuane, Italy). <i>Geosciences (Switzerland)</i> , 2020, 10, 399.	1.0	4
53	Magnesio-lucchesiite, $\text{CaMg}_3\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3\text{O}$ , a new species of the tourmaline supergroup. <i>American Mineralogist</i> , 2021, 106, 862-871.	0.9	4