

Domenico Miriello

List of Publications by Year in descending order

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62
papers

1,110
citations

430874

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434195

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docs citations

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times ranked

1002
citing authors

#	ARTICLE	IF	CITATIONS
1	Architectural Terracruda Sculptures of the Silk Roads: New Conservation Insights Through a Diagnostic Approach Based on Non-Destructive X-ray Micro-Computed Tomography. <i>Studies in Conservation</i> , 2022, 67, 209-221.	1.1	9
2	Biom mineralization of primary carbonate cements: a new biosignature in the fossil record from the Anisian of Southern Italy. <i>Lethaia</i> , 2022, 55, 1-21.	1.4	3
3	High-performing mortar-based materials from the late imperial baths of Aquileia: An outstanding example of Roman building tradition in Northern Italy. <i>Geoarchaeology - an International Journal</i> , 2022, 37, 637-657.	1.5	9
4	The role of plants and fibres in modelling monumental terracruda sculptures of the Silk Roads: archaeobotanical analyses from the Buddhists sites of Tepe-Narenj and Qol-e-tut (Kabul, Afghanistan). <i>Heritage Science</i> , 2022, 10, .	2.3	2
5	RecoStones: a New Tool to Identify Calabrian Stone Materials Through Image Processing. <i>Geoheritage</i> , 2021, 13, 1.	2.8	2
6	Hazardous Elements in Asbestos Tremolite from the Basilicata Region, Southern Italy: A First Step. <i>Fibers</i> , 2021, 9, 47.	4.0	3
7	Hydraulicity of lime plasters from Teotihuacan, Mexico: a microchemical and microphysical approach. <i>Journal of Archaeological Science</i> , 2021, 133, 105453.	2.4	4
8	Archaeometric approach to identifying the provenance of white marbles from the shipwreck of Cala Cicala (Crotone, Calabria, Italy). <i>Journal of Archaeological Science: Reports</i> , 2020, 30, 102204.	0.5	3
9	A comparison and correlation between bitumen adhesion evaluation test methods, boiling and contact angle tests. <i>International Journal of Adhesion and Adhesives</i> , 2020, 102, 102680.	2.9	22
10	Provenance of White Marbles from the Roman City of Tauriana (Palmi, Reggio Calabria, Italy). <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 297.	2.0	3
11	Mineralogical and Geochemical Characterization of Asbestiform Todorokite, Birnessite, and Ranci�ite, and Their host Mn-Rich Deposits from Serra D'Alto (Southern Italy). <i>Fibers</i> , 2020, 8, 9.	4.0	4
12	Mathematical Model to Predict the Affinity Between Aggregate/Bitumen. <i>Eurasian Chemico-Technological Journal</i> , 2020, 22, 197.	0.6	1
13	APPLICATION OF RAMAN SPECTROSCOPY IN COMPARISON BETWEEN CRYPTIC MICROBIALITES OF RECENT MARINE CAVES AND TRIASSIC PATCH REEFS. <i>Palaios</i> , 2019, 34, 393-403.	1.3	6
14	Zeolite-Assisted Shear Exfoliation of Graphite into Few-Layer Graphene. <i>Crystals</i> , 2019, 9, 377.	2.2	14
15	Linarite and connellite dataset from Calabria region (Southern Italy): First evidence. <i>Data in Brief</i> , 2019, 27, 104597.	1.0	3
16	Assessment of Naturally Occurring Asbestos in the Area of Episcopia (Lucania, Southern Italy). <i>Fibers</i> , 2019, 7, 45.	4.0	12
17	Archaeometric Approach for Studying Architectural Earthenwares from the Archaeological Site of S. Omobono (Rome-Italy). <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 266.	2.0	4
18	Comparative geochemical study between the tap waters and the bottled mineral waters in Calabria (Southern Italy) by compositional data analysis (CoDA) developments. <i>Applied Geochemistry</i> , 2019, 107, 19-33.	3.0	27

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19	The bricks of Hagia Sophia (Istanbul, Turkey): a new hypothesis to explain their compositional difference. <i>Journal of Cultural Heritage</i> , 2019, 38, 136-146.	3.3	4
20	Geochemical and petrographic characterization of pyroclastic deposits of Los Humeros Volcanic Complex used as aggregates in the plasters from Teotihuacan (Mexico). <i>Microchemical Journal</i> , 2019, 145, 852-863.	4.5	3
21	Combining residue analysis of floors and ceramics for the study of activity areas at the Garum Shop at Pompeii. <i>Archaeological and Anthropological Sciences</i> , 2018, 10, 485-502.	1.8	13
22	Identifying a technological style in the making of lime plasters at Teopancazco (Teotihuacan, MÃ©xico). <i>Archaeological and Anthropological Sciences</i> , 2018, 10, 315-335.	1.8	8
23	Autochthonous Micrite to Aphanodolomite: The Microbialites in the Dolomitization Processes. <i>Geosciences (Switzerland)</i> , 2018, 8, 451.	2.2	13
24	New compositional data on ancient mortars and plasters from Pompeii (Campania â€” Southern Italy): Archaeometric results and considerations about their time evolution. <i>Materials Characterization</i> , 2018, 146, 189-203.	4.4	30
25	Georadar investigations in the central nave of Hagia Sofia, Istanbul (Turkey). <i>Archaeological and Anthropological Sciences</i> , 2018, 10, 259-268.	1.8	2
26	Non-Destructive Multi-Analytical Approach to Study the Pigments of Wall Painting Fragments Reused in Mortars from the Archaeological Site of Pompeii (Italy). <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 134.	2.0	36
27	First evidence of wulfenite in Calabria Region (Southern Italy). <i>Data in Brief</i> , 2018, 19, 687-692.	1.0	7
28	Multi-Analytical Approach for Identifying Asbestos Minerals In Situ. <i>Geosciences (Switzerland)</i> , 2018, 8, 133.	2.2	17
29	Tribological Behavior of AA1050H24-Graphene Nanocomposite Obtained by Friction Stir Processing. <i>Metals</i> , 2018, 8, 113.	2.3	22
30	Compositional study of mortars and pigments from the â€œMosaico della Sala dei Draghi e dei Delfiniâ€”in the archaeological site of KaulonÃ”a (Southern Calabria, Magna Graecia, Italy). <i>Archaeological and Anthropological Sciences</i> , 2017, 9, 317-336.	1.8	7
31	Role of a food grade additive in the high temperature performance of modified bitumens. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 532, 618-624.	4.7	31
32	Naturally occurring asbestos: potential for human exposure, San Severino Lucano (Basilicata). <i>Journal of Environmental and Public Health</i> , 2017, 2017, 1-10.	2.7	33
33	New compositional data on ancient mortars from Hagia Sophia (Istanbul, Turkey). <i>Archaeological and Anthropological Sciences</i> , 2017, 9, 499-514.	1.8	11
34	Organic residue analysis of experimental, medieval, and post-medieval glazed ceramics. <i>Archaeological and Anthropological Sciences</i> , 2016, 8, 879-890.	1.8	10
35	Effects of adhesion promoters on the contact angle of bitumen-aggregate interface. <i>International Journal of Adhesion and Adhesives</i> , 2016, 70, 297-303.	2.9	32
36	Thermographic Survey at Hagia Sophia: Main Arches, Pendentives and Tympana. <i>International Journal of Architectural Heritage</i> , 2016, 10, 726-734.	3.1	6

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37	Spectroscopic, microchemical and petrographic analyses of plasters from ancient buildings in Lamezia Terme (Calabria, Southern Italy). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 153, 184-193.	3.9	8
38	Cultural Heritage Documentation and Conservation: Three-Dimensional (3D) Laser Scanning and Geographical Information System (GIS) Techniques for Thematic Mapping of Facade Stonework of St. Nicholas Church (Pisa, Italy). <i>International Journal of Architectural Heritage</i> , 2016, 10, 9-19.	3.1	71
39	Naturally occurring asbestos (NOA) in rock and soil and relation with human activities: the monitoring example of selected sites in Calabria (southern Italy). <i>Italian Journal of Geosciences</i> , 2016, 135, 268-279.	0.8	36
40	Archaeometric Study of Mortars from the Garum Shop at Pompeii, Campania, Italy. <i>Geoarchaeology - an International Journal</i> , 2015, 30, 330-351.	1.5	44
41	First compositional evidences on the local production of Dressel 24 amphorae in Calabria (Southern Italy). <i>Journal of Archaeological Science</i> , 2015, 119, 1595-1608.	1.0784314	13
42	Functional carbon nanotubes for high-quality charge transfer and moisture regulation through membranes: structural and functional insights. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 12919-12926.	2.8	12
43	Characterisation of ancient mortars from the S. Niccolò archaeological complex in Montieri (Tuscany - Italy). <i>Construction and Building Materials</i> , 2015, 96, 442-460.	7.2	15
44	Effect of Mn doping on the growth and properties of enstatite single crystals. <i>Crystal Research and Technology</i> , 2014, 49, 736-742.	1.3	4
45	Asbestos and other fibrous minerals contained in the serpentinites of the Gimigliano-Mount Reventino Unit (Calabria, S-Italy). <i>Environmental Earth Sciences</i> , 2014, 71, 3773-3786.	2.7	40
46	Petrographic characterization and provenance determination of the white marbles used in the Roman sculptures of Forum Sempronii (Fossombrone, Marche, Italy). <i>Applied Physics A: Materials Science and Processing</i> , 2014, 115, 1033-1040.	2.3	33
47	Synthesis of Zn-doped talc in hydrothermal atmosphere. <i>Crystal Research and Technology</i> , 2014, 49, 283-289.	1.3	8
48	Provenance of marbles used in the Heliocaminus Baths of Hadrian's Villa (Tivoli, Italy). <i>Journal of Archaeological Science</i> , 2014, 49, 332-342.	2.4	40
49	The Mineralogical Study of the Grotta Inferiore di Sant'Angelo (Southern Italy). <i>Journal of Cave and Karst Studies</i> , 2014, 76, 51-61.	0.6	6
50	Modeling of the impact of dolomite and biotite dissolution on vermiculite composition in a gneissic shallow aquifer of the Sila Massif (Calabria, Italy). <i>Applied Geochemistry</i> , 2013, 35, 297-311.	3.0	30
51	Compositional Analyses of Mortars from the Late Antique Site of <i>S. Maria della Pace</i> (Mallorca, Balearic Islands, Spain): Archaeological Implications. <i>Archaeometry</i> , 2013, 55, 1101-1121.	1.3	10
52	Replicating the chemical composition of the binder for restoration of historic mortars as an optimization problem. <i>Computers and Concrete</i> , 2013, 12, 553-563.	0.7	19
53	Hydrothermal Alteration of Glass to Chrysotile. <i>Journal of the American Ceramic Society</i> , 2012, 95, 3050-3055.	3.8	13
54	Analysis of marble statues from the San Bruno Church (Serra San Bruno, Southern Italy): provenance and degradation. <i>Applied Physics A: Materials Science and Processing</i> , 2012, 106, 171-179.	2.3	11

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55	Investigation of rock-to-water release and fate of major, minor, and trace elements in the metabasaltic serpentinite shallow aquifer of Mt. Reventino (CZ, Italy) by reaction path modelling. <i>Applied Geochemistry</i> , 2011, 26, 1722-1740.	3.0	49
56	Characterisation of archaeological mortars and plasters from kyme (Turkey). <i>Journal of Archaeological Science</i> , 2011, 38, 794-804.	2.4	54
57	Flux growth and characterization of Ti- and Ni-doped enstatite single crystals. <i>Journal of Crystal Growth</i> , 2011, 329, 86-91.	1.5	7
58	Diagnostics, deterioration and provenance of stone materials from the Jefferson Page tomb (Non-Catholic Cemetery of Rome, Italy). <i>Environmental Earth Sciences</i> , 2010, 60, 829-836.	2.7	14
59	Characterisation of archaeological mortars from Pompeii (Campania, Italy) and identification of construction phases by compositional data analysis. <i>Journal of Archaeological Science</i> , 2010, 37, 2207-2223.	2.4	138
60	Mixing and provenance of raw materials in the bricks from the Svevian castle of Rocca Imperiale (North Calabria, Italy). <i>European Journal of Mineralogy</i> , 2007, 19, 137-144.	1.3	14
61	Occurrence and characterization of asbestos minerals in the area of San Severino Lucano (Basilicata). <i>Tj ETQq1 1 0,784314 rgBT /Ove</i>	0.3	0
62	Behaviour of epoxide resin used to protect the "Rupe di Tropea" (southern Calabria, Italy). <i>Rendiconti Online Societa Geologica Italiana</i> , 0, 38, 69-72.	0.3	0