

Luciana Randazzo

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

521
citations

687220

13
h-index

752573

20
g-index

49
all docs

49
docs citations

49
times ranked

608
citing authors

#	ARTICLE	IF	CITATIONS
1	Damage monitoring on carbonate stones: Field exposure tests contributing to pollution impact evaluation in two Italian sites. <i>Construction and Building Materials</i> , 2017, 152, 907-922.	3.2	45
2	Moisture absorption, thermal conductivity and noise mitigation of clay based plasters: The influence of mineralogical and textural characteristics. <i>Applied Clay Science</i> , 2016, 132-133, 498-507.	2.6	42
3	Damage Indices and Photogrammetry for Decay Assessment of Stone-Built Cultural Heritage: The Case Study of the San Domenico Church Main Entrance Portal (South Calabria, Italy). <i>Sustainability</i> , 2020, 12, 5198.	1.6	30
4	The growth of "black crusts" on calcareous building stones in Palermo (Sicily): a first appraisal of anthropogenic and natural sulphur sources. <i>Environmental Geology</i> , 2008, 56, 367-380.	1.2	23
5	Flos Tectorii degradation of mortars: An example of synergistic action between soluble salts and biodeteriogens. <i>Journal of Cultural Heritage</i> , 2015, 16, 838-847.	1.5	23
6	LANDFILL SITE SELECTION FOR MUNICIPAL SOLID WASTE BY USING AHP METHOD IN GIS ENVIRONMENT: WASTE MANAGEMENT DECISION-SUPPORT IN SICILY (ITALY). <i>Detritus</i> , 2018, 2, 78.	0.4	22
7	Comparative study of protective coatings for the conservation of Urban Art. <i>Journal of Cultural Heritage</i> , 2020, 41, 232-237.	1.5	21
8	A multi-analytical approach for the characterization of black crusts on the facade of an historical cathedral. <i>Microchemical Journal</i> , 2020, 158, 105121.	2.3	20
9	Microplastics in the Center of Mediterranean: Comparison of the Two Calabrian Coasts and Distribution from Coastal Areas to the Open Sea. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10712.	1.2	19
10	Archaeometric Characterisation of Decorated Pottery from the Archaeological Site of Villa dei Quintili (Rome, Italy): Preliminary Study. <i>Geosciences (Switzerland)</i> , 2019, 9, 172.	1.0	17
11	The environmental impact of air pollution on the built heritage of historic Cairo (Egypt). <i>Science of the Total Environment</i> , 2021, 764, 142905.	3.9	17
12	Natural and anthropogenic sources of total suspended particulate and their contribution to the formation of black crusts on building stone materials of Catania (Sicily). <i>Environmental Earth Sciences</i> , 2012, 67, 1097-1110.	1.3	16
13	The CRATI Project: New Insights on the Consolidation of Salt Weathered Stone and the Case Study of San Domenico Church in Cosenza (South Calabria, Italy). <i>Coatings</i> , 2019, 9, 330.	1.2	15
14	SEM-EDS ANALYSIS AS A RAPID TOOL FOR DISTINGUISHING CAMPANIAN A WARE AND SICILIAN IMITATIONS. <i>Archaeometry</i> , 2013, 55, 591-608.	0.6	13
15	An Integrated Analytical Approach to Define the Compositional and Textural Features of Mortars Used in the Underwater Archaeological Site of Castrum Novum (Santa Marinella, Rome, Italy). <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 268.	0.8	13
16	Geomaterials in green building practices: comparative characterization of commercially available clay-based plasters. <i>Environmental Earth Sciences</i> , 2014, 71, 931-945.	1.3	12
17	Ceramic Ethnoarchaeometry in Western Sardinia: Production of Cooking Ware at Abillonis. <i>Archaeometry</i> , 2015, 57, 453-475.	0.6	12
18	Multidisciplinary Approach for Evaluating the Geochemical Degradation of Building Stone Related to Pollution Sources in the Historical Center of Naples (Italy). <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4241.	1.3	12

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19	Different methods for soluble salt removal tested on late-Roman cooking ware from a submarine excavation at the island of Pantelleria (Sicily, Italy). <i>Journal of Cultural Heritage</i> , 2014, 15, 403-413.	1.5	10
20	Definition of analytical cleaning procedures for archaeological pottery from underwater environments: The case study of samples from Baia (Naples, South Italy). <i>Materials and Design</i> , 2021, 197, 109278.	3.3	10
21	Salt extraction from lime-based mortars: An experimental study using different poultice formulations. <i>Construction and Building Materials</i> , 2020, 255, 119391.	3.2	9
22	Mount Etna volcano (Italy) as a major "dust" point source in the Mediterranean area. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	0.6	8
23	Multidisciplinary Approach to Characterize Archaeological Materials and Status of Conservation of the Roman Thermae of Reggio Calabria Site (Calabria, South Italy). <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5106.	1.3	8
24	Pore Structure and Water Transfer in Pietra di Aspra Limestone: A Neutronographic Study. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6745.	1.3	7
25	Evaluating the protecting effects of two consolidants applied on Pietra di Lecce limestone: A neutronographic study. <i>Journal of Cultural Heritage</i> , 2020, 46, 31-41.	1.5	7
26	A Combined Non-Destructive and Micro-Destructive Approach to Solving the Forensic Problems in the Field of Cultural Heritage: Two Case Studies. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6951.	1.3	7
27	Consolidation of earthen building materials: a comparative study. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 4643-4652.	0.7	6
28	The production cycle of lime-based plasters in the Late Roman settlement of Scauri, on the island of Pantelleria, Italy. <i>Geoarchaeology - an International Journal</i> , 2019, 34, 631-647.	0.7	6
29	Multi O- and S-isotopes as tracers of black crusts formation under volcanic and non-volcanic atmospheric conditions in Sicily (Italy). <i>Science of the Total Environment</i> , 2021, 750, 142283.	3.9	6
30	Decay Assessment of Stone-Built Cultural Heritage: The Case Study of the Cosenza Cathedral Façade (South Calabria, Italy). <i>Remote Sensing</i> , 2021, 13, 3925.	1.8	6
31	Laboratory tests addressed to realize customized restoration procedures of underwater archaeological ceramic finds. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 114, 741-752.	1.1	5
32	The Beginning of Western Greek Amphorae Production in Western Sicily: Archaeometric and Archaeological Studies on 6th-5th Centuries BCE Amphorae Manufactured in Himera. <i>Minerals (Basel)</i> , 2021, 11, 1080.	0.8	5
33	Multitechnique diagnostic analysis and 3D surveying prior to the restoration of St. Michael defeating Evil painting by Mattia Preti. <i>Environmental Science and Pollution Research</i> , 2021, , 1.	2.7	5
34	New insights to assess the consolidation of stone materials used in built heritage: the case study of ancient graffiti (Tituli Picti) in the archaeological site of Pompeii. <i>Heritage Science</i> , 2020, 8, .	1.0	5
35	Strength of pre-Roman amphorae: Comparison of the different types. <i>Journal of Archaeological Science: Reports</i> , 2015, 2, 405-417.	0.2	4
36	Preliminary Study of the Mural Paintings of Sotterra Church in Paola (Cosenza, Italy). <i>Materials</i> , 2022, 15, 3411.	1.3	4

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37	Selinunte (Sicily) and its productive context: the clayey raw materials applied in a long-lived ceramic production (seventh to third century BCE). <i>Archaeological and Anthropological Sciences</i> , 2018, 10, 657-673.	0.7	3
38	The first archaeometric characterization of obsidian artifacts from the archaeological site of Samshilde (South Georgia, Caucasus). <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 6725-6736.	0.7	3
39	The production of traditional building materials in Oristano (Sardinia, Italy). <i>Archaeological and Anthropological Sciences</i> , 2017, 9, 1495-1513.	0.7	2
40	Ceramic production at Selinunte (Sicily) during the 4th and 3rd century BCE: New archaeometric data through the analysis of kiln wastes. <i>Journal of Archaeological Science: Reports</i> , 2018, 22, 154-167.	0.2	2
41	The Contribution of Microchemical Analyses and Diagnostic Imaging to the Conservation and Identification of the Degraded Surfaces of Hellenistic-Roman Wall Paintings from Solunto (Sicily). <i>Studies in Conservation</i> , 2021, 66, 342-356.	0.6	2
42	Archaeometric analysis of building ceramics and "dolia defossa"™ from the Roman imperial estate of Vagnari (Gravina in Puglia, Italy). <i>Journal of Archaeological Science: Reports</i> , 2021, 38, 103057.	0.2	2
43	Archaeometric Study of Two Tanagra Type Statuettes of Unknown Provenance to Support Forensic Study. <i>Heritage</i> , 2022, 5, 849-859.	0.9	2
44	Antifouling Mortars for Underwater Restoration. <i>Nanomaterials</i> , 2022, 12, 1498.	1.9	2
45	Ceramics from Samshilde (Georgia): A pilot archaeometric study. <i>Journal of Archaeological Science: Reports</i> , 2020, 34, 102581.	0.2	1
46	Multi-Technique Diagnostic Investigation in View of the Restoration of "The Glory of St. Barbara" Painting by Mattia Preti. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1385.	1.3	1