

# Luciana Randazzo

## List of Publications by Year in descending order

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46  
papers

521  
citations

687220

13  
h-index

752573

20  
g-index

49  
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49  
docs citations

49  
times ranked

608  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-Technique Diagnostic Investigation in View of the Restoration of "The Glory of St. Barbara" Painting by Mattia Preti. Applied Sciences (Switzerland), 2022, 12, 1385.	1.3	1
2	Archaeometric Study of Two Tanagra Type Statuettes of Unknown Provenance to Support Forensic Study. Heritage, 2022, 5, 849-859.	0.9	2
3	Antifouling Mortars for Underwater Restoration. Nanomaterials, 2022, 12, 1498.	1.9	2
4	Preliminary Study of the Mural Paintings of Sotterra Church in Paola (Cosenza, Italy). Materials, 2022, 15, 3411.	1.3	4
5	Multi O- and S-isotopes as tracers of black crusts formation under volcanic and non-volcanic atmospheric conditions in Sicily (Italy). Science of the Total Environment, 2021, 750, 142283.	3.9	6
6	Definition of analytical cleaning procedures for archaeological pottery from underwater environments: The case study of samples from Baia (Naples, South Italy). Materials and Design, 2021, 197, 109278.	3.3	10
7	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). Studies in Conservation, 2021, 66, 342-356.	0.6	2
8	The environmental impact of air pollution on the built heritage of historic Cairo (Egypt). Science of the Total Environment, 2021, 764, 142905.	3.9	17
9	A Combined Non-Destructive and Micro-Destructive Approach to Solving the Forensic Problems in the Field of Cultural Heritage: Two Case Studies. Applied Sciences (Switzerland), 2021, 11, 6951.	1.3	7
10	Archaeometric analysis of building ceramics and "dolia defossa"™ from the Roman imperial estate of Vagnari (Gravina in Puglia, Italy). Journal of Archaeological Science: Reports, 2021, 38, 103057.	0.2	2
11	Multitechnique diagnostic analysis and 3D surveying prior to the restoration of St. Michael defeating Evil painting by Mattia Preti. Environmental Science and Pollution Research, 2021, , 1.	2.7	5
12	Decay Assessment of Stone-Built Cultural Heritage: The Case Study of the Cosenza Cathedral Façade (South Calabria, Italy). Remote Sensing, 2021, 13, 3925.	1.8	6
13	Microplastics in the Center of Mediterranean: Comparison of the Two Calabrian Coasts and Distribution from Coastal Areas to the Open Sea. International Journal of Environmental Research and Public Health, 2021, 18, 10712.	1.2	19
14	Comparative study of protective coatings for the conservation of Urban Art. Journal of Cultural Heritage, 2020, 41, 232-237.	1.5	21
15	Pore Structure and Water Transfer in Pietra d'Aspra Limestone: A Neutronographic Study. Applied Sciences (Switzerland), 2020, 10, 6745.	1.3	7
16	Salt extraction from lime-based mortars: An experimental study using different poultice formulations. Construction and Building Materials, 2020, 255, 119391.	3.2	9
17	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). Sustainability, 2020, 12, 5198.	1.6	30
18	The Beginning of Western Greek Amphorae Production in Western Sicily: Archaeometric and Archaeological Studies on 6th-5th Centuries BCE Amphorae Manufactured in Himera. Minerals (Basel), 2020, 10, 1000.	0.8	5

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19	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
20	Ceramics from Samshvilde (Georgia): A pilot archaeometric study. <i>Journal of Archaeological Science: Reports</i> , 2020, 34, 102581.	0.2	1
21	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
22	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
23	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
24	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
25	The first archaeometric characterization of obsidian artifacts from the archaeological site of Samshvilde (South Georgia, Caucasus). <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 6725-6736.	0.7	3
26	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
27	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
28	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
29	Consolidation of earthen building materials: a comparative study. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 4643-4652.	0.7	6
30	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
31	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
32	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
33	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
34	The production of traditional building materials in Oristano (Sardinia, Italy). <i>Archaeological and Anthropological Sciences</i> , 2017, 9, 1495-1513.	0.7	2
35	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
36	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

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37	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
38	Strength of pre-Roman amphorae: Comparison of the different types. <i>Journal of Archaeological Science: Reports</i> , 2015, 2, 405-417.	0.2	4
39	Ceramic Ethnoarchaeometry in Western Sicily: Production of Cooking Ware at Pabillonis. <i>Archaeometry</i> , 2015, 57, 453-475.	0.6	12
40	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
41	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
42	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
43	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
44	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
45	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
46	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