

Michela Ricca

List of Publications by Year in descending order

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53
papers

733
citations

567281

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24
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docs citations

55
times ranked

641
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.	2.5	1
2	Multi-Analytical Investigation of the Oil Painting "ell Venditore di Cerini" by Antonio Mancini and Definition of the Best Green Cleaning Treatment. Sustainability, 2022, 14, 3972.	3.2	16
3	Archaeometric Study of Two Tanagra Type Statuettes of Unknown Provenance to Support Forensic Study. Heritage, 2022, 5, 849-859.	1.9	2
4	In-Situ Comparative Study of Eucalyptus, Basil, Cloves, Thyme, Pine Tree, and Tea Tree Essential Oil Biocide Efficacy. Methods and Protocols, 2022, 5, 37.	2.0	10
5	Antifouling Mortars for Underwater Restoration. Nanomaterials, 2022, 12, 1498.	4.1	2
6	Preliminary Study of the Mural Paintings of Sotterra Church in Paola (Cosenza, Italy). Materials, 2022, 15, 3411.	2.9	4
7	Deep Eutectic Solvents (DESs): Preliminary Results for Their Use Such as Biocides in the Building Cultural Heritage. Materials, 2022, 15, 4005.	2.9	5
8	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.	7.0	10
9	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.	1.1	2
10	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.	2.5	7
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.	5.3	5
12	The susceptibility to degradation of stone materials used in the built heritage of the Ortygia island (Syracuse, Italy): A laboratory study. International Journal of Rock Mechanics and Minings Sciences, 2021, 146, 104877.	5.8	10
13	The impact of atmospheric pollution on outdoor cultural heritage: an analytic methodology for the characterization of the carbonaceous fraction in black crusts present on stone surfaces. Environmental Research, 2021, 201, 111565.	7.5	13
14	Decay Assessment of Stone-Built Cultural Heritage: The Case Study of the Cosenza Cathedral Façade (South Calabria, Italy). Remote Sensing, 2021, 13, 3925.	4.0	6
15	Pore Structure and Water Transfer in Pietra d'Aspra Limestone: A Neutronographic Study. Applied Sciences (Switzerland), 2020, 10, 6745.	2.5	7
16	A methodological approach to define the state of conservation of the stone materials used in the Cairo historical heritage (Egypt). Archaeological and Anthropological Sciences, 2020, 12, 1.	1.8	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.	3.2	30
18	Multidisciplinary Approach to Characterize Archaeological Materials and Status of Conservation of the Roman Thermae of Reggio Calabria Site (Calabria, South Italy). Applied Sciences (Switzerland), 2020, 10, 5106.	2.5	8

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19	Digital Technologies for the Sustainable Development of the Accessible Underwater Cultural Heritage Sites. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 955.	2.6	11
20	Ceramics from Samshvilde (Georgia): A pilot archaeometric study. <i>Journal of Archaeological Science: Reports</i> , 2020, 34, 102581.	0.5	1
21	Investigation of glazed pottery fragments (XIX century A. D.) from Agsu site (Azerbaijan) by XRF and Raman techniques. <i>EPJ Web of Conferences</i> , 2020, 230, 00012.	0.3	2
22	Challenges for the Protection of Underwater Cultural Heritage (UCH), from Waterlogged and Weathered Stone Materials to Conservation Strategies: An Overview. <i>Heritage</i> , 2020, 3, 402-411.	1.9	9
23	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.	2.5	12
24	A Sustainable Approach for the Management and Valorization of Underwater Cultural Heritage: New Perspectives from the TECTONIC Project. <i>Sustainability</i> , 2020, 12, 5000.	3.2	10
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.	3.3	7
26	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, .	2.3	5
27	RBS, PIXE, Ion-Microbeam and SR-FTIR Analyses of Pottery Fragments from Azerbaijan. <i>Heritage</i> , 2019, 2, 1852-1873.	1.9	10
28	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.	1.8	3
29	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.	2.6	15
30	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.	2.0	13
31	Archaeometric Characterisation of Decorated Pottery from the Archaeological Site of Villa dei Quintili (Rome, Italy): Preliminary Study. <i>Geosciences (Switzerland)</i> , 2019, 9, 172.	2.2	17
32	An archaeometric approach of historical mortars taken from Foligno City (Umbria, Italy): news insight of Roman Empire in Italy. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 2649-2657.	1.8	5
33	TiO ₂ –SiO ₂ –PDMS nanocomposite coating with self-cleaning effect for stone material: Finding the optimal amount of TiO ₂ . <i>Construction and Building Materials</i> , 2018, 166, 464-471.	7.2	54
34	The colors of the Fontana di Trevi: an analytical approach. <i>International Journal of Architectural Heritage</i> , 2018, 12, 114-124.	3.1	9
35	Tituli Picti in the archaeological site of Pompeii: diagnostic analysis and conservation strategies. <i>European Physical Journal Plus</i> , 2018, 133, 1.	2.6	4
36	A combined SR-based Raman and InfraRed investigation of pigmenting matter used in wall paintings: The San Gennaro and San Gaudioso Catacombs (Naples, Italy) case. <i>European Physical Journal Plus</i> , 2018, 133, 1.	2.6	11

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37	Multi-analytical study of Roman frescoes from Villa dei Quintili (Rome, Italy). <i>Journal of Archaeological Science: Reports</i> , 2018, 21, 422-432.	0.5	11
38	New insights on the consolidation of salt weathered limestone: the case study of Modica stone. <i>Bulletin of Engineering Geology and the Environment</i> , 2017, 76, 11-20.	3.5	41
39	The behaviour of consolidated Neapolitan yellow Tuff against salt weathering. <i>Bulletin of Engineering Geology and the Environment</i> , 2017, 76, 115-124.	3.5	26
40	The Oceanus statue of the Fontana di Trevi (Rome): The analysis of black crust as a tool to investigate the urban air pollution and its impact on the stone degradation. <i>Science of the Total Environment</i> , 2017, 593-594, 297-309.	8.0	52
41	Antifouling coatings for underwater archaeological stone materials. <i>Progress in Organic Coatings</i> , 2017, 104, 64-71.	3.9	37
42	A novel model to detect the content of inorganic nanoparticles in coatings used for stone protection. <i>Progress in Organic Coatings</i> , 2017, 106, 177-185.	3.9	5
43	Biodeterioration of marble in an underwater environment. <i>Science of the Total Environment</i> , 2017, 609, 109-122.	8.0	26
44	Medium-term in situ experiment by using organic biocides and titanium dioxide for the mitigation of microbial colonization on stone surfaces. <i>International Biodeterioration and Biodegradation</i> , 2017, 123, 17-26.	3.9	38
45	The CoMAS Project: New Materials and Tools for Improving the <i>In situ</i> Documentation, Restoration, and Conservation of Underwater Archaeological Remains. <i>Marine Technology Society Journal</i> , 2016, 50, 108-118.	0.4	24
46	SANS investigation of the salt-crystallization- and surface-treatment-induced degradation on limestones of historic artistic interest. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	2.3	6
47	Provenance study of building and statuary marbles from the Roman archaeological site of "Villa dei Quintili" (Rome, Italy). <i>Italian Journal of Geosciences</i> , 2016, 135, 236-249.	0.8	14
48	Multi-technique investigation of Roman decorated plasters from Villa dei Quintili (Rome, Italy). <i>Applied Surface Science</i> , 2015, 349, 924-930.	6.1	36
49	Multi-analytical approach applied to the provenance study of marbles used as covering slabs in the archaeological submerged site of Baia (Naples, Italy): The case of the "Villa con ingresso a protiro". <i>Applied Surface Science</i> , 2015, 357, 1369-1379.	6.1	21
50	Diagnostic analysis of stone materials from underwater excavations: the case study of the Roman archaeological site of Baia (Naples, Italy). <i>Applied Physics A: Materials Science and Processing</i> , 2014, 114, 655-662.	2.3	24
51	Mosaic marble tesserae from the underwater archaeological site of Baia (Naples, Italy): determination of the provenance. <i>European Journal of Mineralogy</i> , 2014, 26, 323-331.	1.3	15
52	Diagnostic investigation for the study of the fresco "Madonna con il bambino", from Cosenza, southern Italy: a case study. <i>Rendiconti Online Societa Geologica Italiana</i> , 0, 38, 21-24.	0.3	3
53	Diagnostic analysis of bricks from the underwater archaeological site of Baia (Naples, Italy): preliminary results. <i>Rendiconti Online Societa Geologica Italiana</i> , 0, 38, 85-88.	0.3	4