

# Barbara Salvadori

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

834  
citations

567281

15  
h-index

526287

27  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1089  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanotechnology in cultural heritage conservation: nanometric slaked lime saves architectonic and artistic surfaces from decay. <i>Journal of Cultural Heritage</i> , 2006, 7, 110-115.	3.3	137
2	Spectroscopic Techniques in Cultural Heritage Conservation: A Survey. <i>Applied Spectroscopy Reviews</i> , 2005, 40, 187-228.	6.7	132
3	Synthesis of Ca(OH) <sub>2</sub> Nanoparticles from Diols. <i>Langmuir</i> , 2001, 17, 2371-2374.	3.5	131
4	Monitoring the performance of innovative and traditional biocides mixed with consolidants and water-repellents for the prevention of biological growth on stone. <i>Science of the Total Environment</i> , 2012, 423, 132-141.	8.0	80
5	Evaluation of the application conditions of artificial protection treatments on salt-laden limestones and marble. <i>Construction and Building Materials</i> , 2011, 25, 2723-2732.	7.2	43
6	In situ long-term monitoring of recolonization by fungi and lichens after innovative and traditional conservative treatments of archaeological stones in Fiesole (Italy). <i>International Biodeterioration and Biodegradation</i> , 2018, 132, 49-58.	3.9	36
7	Evaluation of Gypsum and Calcium Oxalates in Deteriorated Mural Paintings by Quantitative FTIR Spectroscopy. <i>Spectroscopy Letters</i> , 2003, 36, 501-513.	1.0	31
8	Optical and spectroscopic tools for evaluating Er:YAG laser removal of shellac varnish. <i>Studies in Conservation</i> , 2015, 60, S91-S96.	1.1	22
9	An in situ multi-analytical approach in the restoration of bronze artefacts. <i>Microchemical Journal</i> , 2016, 125, 151-158.	4.5	21
10	Assessment of different methods for the removal of biofilms and lichens on gravestones of the English Cemetery in Florence. <i>International Biodeterioration and Biodegradation</i> , 2020, 154, 105041.	3.9	21
11	Microemulsions and Micellar Solutions for Cleaning Wall Painting Surfaces. <i>Studies in Conservation</i> , 2005, 50, 128-136.	1.1	20
12	Preliminary investigation of combined laser and microwave treatment for stone biodeterioration. <i>Studies in Conservation</i> , 2015, 60, S19-S27.	1.1	18
13	Novel coatings from renewable resources for the protection of bronzes. <i>Progress in Organic Coatings</i> , 2014, 77, 892-903.	3.9	17
14	Laser cleaning of a nineteenth-century bronze sculpture: In situ multi-analytical evaluation. <i>Studies in Conservation</i> , 2015, 60, S28-S33.	1.1	17
15	The mortars of Giotto's Bell Tower (Florence, Italy): raw materials and technologies. <i>Construction and Building Materials</i> , 2021, 267, 120801.	7.2	16
16	A multi-analytical approach to monitor three outdoor contemporary artworks at the Gori Collection (Fattoria di Celle, Santomato, Pistoia, Italy). <i>Microchemical Journal</i> , 2016, 124, 878-888.	4.5	14
17	Traditional and innovative protective coatings for outdoor bronze: Application and performance comparison. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46011.	2.6	14
18	Performance evaluation of two protective treatments on salt-laden limestones and marble after natural and artificial weathering. <i>Environmental Science and Pollution Research</i> , 2014, 21, 1884-1896.	5.3	13

#	ARTICLE	IF	CITATIONS
19	Painted Fiberglass-Reinforced Contemporary Sculpture: Investigating Composite Materials, Techniques and Conservation Using a Multi-Analytical Approach. <i>Applied Spectroscopy</i> , 2016, 70, 174-185.	2.2	11
20	Graphic vandalism: Multi-analytical evaluation of laser and chemical methods for the removal of spray paints. <i>Journal of Cultural Heritage</i> , 2020, 44, 260-274.	3.3	11
21	A novel method to prepare inorganic water-soluble nanocrystals. <i>Journal of Colloid and Interface Science</i> , 2006, 298, 487-490.	9.4	10
22	The "oro di met" Gilding in the Fifteenth-Century: A Multi-Analytical Investigation. <i>Heritage</i> , 2019, 2, 1166-1175.	1.9	5
23	Deterioration and discoloration of historical protective treatments on marble. <i>Environmental Science and Pollution Research</i> , 2021, , 1.	5.3	5
24	"Argento Deaurato" or "Argento Biancheggiato"? A Rare and Interesting Case of Silver Background in Italian Painting of the XIII Century. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2404.	2.5	4
25	Characterization of the artist's palette from the polychrome decorations of the El Bahia Palace doors (Marrakesh, Morocco). <i>Journal of Cultural Heritage</i> , 2018, 33, 213-221.	3.3	2
26	Chemical Characterization of Pope Pius VII Ancient Ecclesiastical Vestment by a Multi-Analytical Approach. <i>Heritage</i> , 2021, 4, 1616-1638.	1.9	1
27	Nanodispersions of TiO <sub>2</sub> in Water for Removing Acrylic Films Used in Conservation. <i>Polymers</i> , 2021, 13, 3966.	4.5	1
28	Evaluation of ATR-FTIR spectroscopy for distinguish anthropogenic and geogenic calcite.. <i>Journal of Physics: Conference Series</i> , 2022, 2204, 012048.	0.4	1