

Monica Gulmini

List of Publications by Year in descending order

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52
papers

1,488
citations

331259

21
h-index

315357

38
g-index

53
all docs

53
docs citations

53
times ranked

1213
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterisation of colourants on illuminated manuscripts by portable fibre optic UV-visible-NIR reflectance spectrophotometry. <i>Analytical Methods</i> , 2014, 6, 1488.	1.3	247
2	Glass Fragments from the Crypta Balbi in Rome: the Composition of Eighth-century Fragments. <i>Archaeometry</i> , 2001, 43, 491-502.	0.6	123
3	Identification of dyestuffs in historical textiles: Strong and weak points of a non-invasive approach. <i>Dyes and Pigments</i> , 2013, 98, 136-145.	2.0	116
4	Silver colloidal pastes for dye analysis of reference and historical textile fibers using direct, extractionless, non-hydrolysis surface-enhanced Raman spectroscopy. <i>Analyst, The</i> , 2013, 138, 5895.	1.7	71
5	Colourants and opacifiers in seventh and eighth century glass investigated by spectroscopic techniques. <i>Analytical and Bioanalytical Chemistry</i> , 2002, 372, 221-229.	1.9	69
6	Microwave-Assisted Extraction of Polycyclic Aromatic Hydrocarbons from Marine Sediments Using Nonionic Surfactant Solutions. <i>Analytical Chemistry</i> , 2001, 73, 3790-3795.	3.2	64
7	Non invasive analysis of miniature paintings: Proposal for an analytical protocol. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 91, 352-359.	2.0	48
8	Comparison between microwave and conventional heating procedures in Tessier's extractions of calcium, copper, iron and manganese in a Lagoon sediment. <i>Analyst, The</i> , 1994, 119, 2075.	1.7	43
9	A diagnostic study on folium and orchil dyes with non-invasive and micro-destructive methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 142, 159-168.	2.0	43
10	Non-invasive investigation on a VI century purple codex from Brescia, Italy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 117, 34-41.	2.0	37
11	Technology of production of red figure pottery from Attic and southern Italian workshops. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 380, 712-718.	1.9	36
12	A SCIENTIFIC INVESTIGATION ON THE PROVENANCE AND TECHNOLOGY OF A BLACK-FIGURE AMPHORA ATTRIBUTED TO THE PRIAM GROUP*. <i>Archaeometry</i> , 2006, 48, 31-43.	0.6	34
13	Morphological and chemical characterization of weathering products on buried Sasanian glass from central Iraq. <i>Journal of Non-Crystalline Solids</i> , 2009, 355, 1613-1621.	1.5	33
14	Surface-enhanced Raman scattering for the analysis of red lake pigments in painting layers mounted in cross sections. <i>Journal of Raman Spectroscopy</i> , 2014, 45, 1127-1132.	1.2	30
15	The Provenance of Red Figure Vases From Locri Epizephiri (Southern Italy): New Evidence by Chemical Analysis. <i>Archaeometry</i> , 2004, 46, 183-200.	0.6	29
16	Compositional and Micro-Morphological Characterisation of Red Colourants in Archaeological Textiles from Pharaonic Egypt. <i>Molecules</i> , 2019, 24, 3761.	1.7	29
17	Spectroscopic Analysis to Characterize Finishing Treatments of Ancient Bowed String Instruments. <i>Applied Spectroscopy</i> , 2017, 71, 2477-2487.	1.2	28
18	Sasanian glass from Veh Ardašir investigated by strontium and neodymium isotopic analysis. <i>Journal of Archaeological Science</i> , 2013, 40, 4264-4270.	1.2	25

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19	The "Coptic" textiles of the "Museo Egizio" in Torino (Italy): a focus on dyes through a multi-technique approach. <i>Archaeological and Anthropological Sciences</i> , 2017, 9, 485-497.	0.7	25
20	Selective recovery of uranium(VI) from aqueous acid solutions using micellar ultrafiltration. <i>Analyst</i> , 1996, 121, 1401.	1.7	22
21	From Plant Extracts to Historical Textiles: Characterization of Dyestuffs by GC-MS. <i>Chromatographia</i> , 2014, 77, 1683-1696.	0.7	22
22	The case of Antonio Stradivari 1718 ex-San Lorenzo violin: History, restorations and conservation perspectives. <i>Journal of Archaeological Science: Reports</i> , 2019, 23, 443-450.	0.2	22
23	Combined archaeomagnetic and thermoluminescence study of a brick kiln excavated at Fontanetto Po (Vercelli, Northern Italy). <i>Journal of Archaeological Science</i> , 2013, 40, 2025-2035.	1.2	21
24	Towards the identification of the lichen species in historical orchil dyes by HPLC-MS/MS. <i>Microchemical Journal</i> , 2019, 150, 104140.	2.3	21
25	Stability of natural dyes under light emitting diode lamps. <i>Journal of Cultural Heritage</i> , 2017, 26, 12-21.	1.5	20
26	Approaches for Detecting Madder Lake in Multi-Layered Coating Systems of Historical Bowed String Instruments. <i>Coatings</i> , 2018, 8, 171.	1.2	18
27	A Micro-Tomographic Insight into the Coating Systems of Historical Bowed String Instruments. <i>Coatings</i> , 2019, 9, 81.	1.2	16
28	Acid-base properties of a river sediment: applicability of potentiometric titrations. <i>Analytica Chimica Acta</i> , 1996, 329, 33-39.	2.6	15
29	Synchrotron radiation micro-computed tomography for the investigation of finishing treatments in historical bowed string instruments: Issues and perspectives. <i>European Physical Journal Plus</i> , 2018, 133, 1.	1.2	15
30	Macro X-ray fluorescence and VNIR hyperspectral imaging in the investigation of two panels by Marco d'Oggiono. <i>Microchemical Journal</i> , 2020, 154, 104541.	2.3	15
31	Reflection FTIR spectroscopy for the study of historical bowed string instruments: Invasive and non-invasive approaches. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 245, 118926.	2.0	14
32	Microwave Desorption Treatment after the Oxidation Step in Tessier's Sequential Extraction Scheme. <i>International Journal of Environmental Analytical Chemistry</i> , 1996, 63, 147-152.	1.8	13
33	Properties of a cobalt-reactivated form of yeast alcohol dehydrogenase. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2000, 9, 283-291.	1.8	13
34	A multi-scalar investigation of the colouring materials used in textile wrappings of Egyptian votive animal mummies. <i>Heritage Science</i> , 2021, 9, .	1.0	13
35	Surfactant Micellar Solutions as Alternative Solvents for Microwave-Assisted Extraction of Polycyclic Aromatic Hydrocarbons from a Spiked River Sediment. <i>Polycyclic Aromatic Compounds</i> , 2002, 22, 55-70.	1.4	10
36	Composition and microstructure of maiolica from the museum of ceramics in Ascoli Piceno (Italy): evidences by electron microscopy and microanalysis. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 120, 1643-1652.	1.1	10

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37	Direct fluorimetric characterisation of dyes in ancient purple codices. <i>Microchemical Journal</i> , 2017, 135, 122-128.	2.3	8
38	On the identification of folium and orchil on illuminated manuscripts. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 171, 461-469.	2.0	8
39	Mythic dyes or mythic colour? New insight into the use of purple dyes on codices. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 215, 133-141.	2.0	7
40	Acid-base and copper(II) sorption properties of a natural lake sediment: Potentiometric and atomic absorption spectrometric characterisation. <i>Analytica Chimica Acta</i> , 1998, 358, 195-204.	2.6	6
41	BIOMONITORING METHOD FOR MOUNTAIN AREAS, DESIGN ASPECTS AND RESULTS. <i>Acta Horticulturae</i> , 1998, , 29-36.	0.1	6
42	Compositional and technological features of glazed pottery from Aosta Valley (Italy): a SEM-EDS investigation. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 1815-1822.	1.9	6
43	TECHNOLOGY OF PRODUCTION OF GHAZNAVID GLAZED POTTERY FROM BUST AND LASHKAR-I BAZAR (AFGHANISTAN). <i>Archaeometry</i> , 2013, 55, 569-590.	0.6	6
44	On the identification of <i>folium</i> by SERS: from crude extracts to illuminated codices. <i>Journal of Raman Spectroscopy</i> , 2017, 48, 530-537.	1.2	6
45	It's Only a Part of the Story: Analytical Investigation of the Inks and Dyes Used in the Privilegium Maius. <i>Molecules</i> , 2019, 24, 2197.	1.7	6
46	Chemometric tools to investigate complex synchrotron radiation FTIR micro-spectra: focus on historical bowed musical instruments. <i>Acta IMEKO (2012)</i> , 2021, 10, 201.	0.4	5
47	On the Hierarchical Use of Colourants in a 15th Century Book of Hours. <i>Heritage</i> , 2021, 4, 1786-1806.	0.9	4
48	Surfing through the coating system of historic bowed instruments: a spectroscopic perspective. <i>Spectroscopy Europe</i> , 0, , 19.	0.0	3
49	Use of Brassica Oleracea var. Acephala as a vegetal monitor for metals in the atmosphere. <i>Toxicological and Environmental Chemistry</i> , 2000, 78, 41-53.	0.6	2
50	Characterization of ligand sites on natural sediment particles. <i>Fresenius' Journal of Analytical Chemistry</i> , 2001, 370, 887-892.	1.5	2
51	Potentiometry for the Study of Acid-Base Properties of Sediments. , 2000, , 371-385.		1
52	Archaeological, archaeomagnetic and thermoluminescence investigation of a baked clay kiln excavated at Chieri, northern Italy: contribution to the rescue of our cultural heritage. <i>Annals of Geophysics</i> , 2014, 57, .	0.5	1