

Polonca Ropret

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

474
citations

840776

11
h-index

677142

22
g-index

27
all docs

27
docs citations

27
times ranked

521
citing authors

#	ARTICLE	IF	CITATIONS
1	Raman identification of yellow synthetic organic pigments in modern and contemporary paintings: Reference spectra and case studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 69, 486-497.	3.9	89
2	Raman study of synthetic organic pigments and dyes in early lithographic inks (1890â€“1920). <i>Journal of Raman Spectroscopy</i> , 2006, 37, 1111-1118.	2.5	49
3	Raman investigation of artificial patinas on recent bronze â€“ Part I: climatic chamber exposure. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 1578-1586.	2.5	46
4	Advances in Raman mapping of works of art. <i>Journal of Raman Spectroscopy</i> , 2010, 41, 1462-1467.	2.5	43
5	Non-invasive reflection FTIR characterization of archaeological burnt bones: Reference database and case studies. <i>Journal of Cultural Heritage</i> , 2020, 41, 13-26.	3.3	32
6	Raman investigation of artificial patinas on recent bronzeâ€™part II: urban rain exposure. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 1587-1595.	2.5	30
7	Vibrational spectroscopic study on degradation of alizarin carmine. <i>Microchemical Journal</i> , 2016, 127, 36-45.	4.5	29
8	Applications of Raman spectroscopy in art and archaeology. <i>Journal of Raman Spectroscopy</i> , 2014, 45, 985-992.	2.5	22
9	Surface-enhanced Raman spectroscopy (SERS) analysis of organic colourants utilising a new UVâ€“photoreduced substrate. <i>Journal of Raman Spectroscopy</i> , 2014, 45, 1140-1146.	2.5	21
10	Micro transfection on a metallic stick: an innovative approach of reflection infrared spectroscopy for minimally invasive investigation of painting varnishes. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 3187-3197.	3.7	14
11	Overview of fungal isolates on heritage collections of photographic materials and their biological potency. <i>Journal of Cultural Heritage</i> , 2021, 48, 277-291.	3.3	13
12	Evaluation of vibrational spectroscopic techniques for consolidantsâ€™™ penetration depth determination. <i>Journal of Cultural Heritage</i> , 2017, 23, 148-156.	3.3	10
13	The influence of UVâ€“Vis radiation, and oscillations of temperature and relative humidity, on malachite alteration in the presence of different organic binders and varnishes. <i>Journal of Raman Spectroscopy</i> , 2014, 45, 1068-1075.	2.5	9
14	Raman investigation of artificial patinas on recent bronze protected by different azole type inhibitors in an outdoor environment. <i>Journal of Raman Spectroscopy</i> , 2014, 45, 1085-1092.	2.5	8
15	CIMÂ® monolith chromatography-enhanced ELISA detection of proteins in artists' paints: Ovalbumin as a case study. <i>Microchemical Journal</i> , 2016, 127, 102-112.	4.5	8
16	Characterization of HPCâ€“based photoreduced SERS substrates and detection of different organic dyes. <i>Journal of Raman Spectroscopy</i> , 2018, 49, 1288-1300.	2.5	8
17	Characterization of Al(III) complexes with hematein in artistic alum logwood inks. <i>Journal of Raman Spectroscopy</i> , 2010, 41, 445-451.	2.5	7
18	Composition and spectroscopic properties of historic Cr logwood inks. <i>Journal of Raman Spectroscopy</i> , 2016, 47, 1422-1428.	2.5	6

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19	SERS procedure using photoreduced substrates and reflection FTIR spectroscopy for the study of natural organic colourants. <i>Journal of Raman Spectroscopy</i> , 2021, 52, 130-144.	2.5	6
20	Evaluating the xerophilic potential of moulds on selected egg tempera paints on glass and wooden supports using fluorescent microscopy. <i>Journal of Cultural Heritage</i> , 2021, 52, 44-54.	3.3	6
21	Corrosion protection of brown and green patinated bronze. <i>Progress in Organic Coatings</i> , 2021, 161, 106510.	3.9	5
22	Material characterisation of a painted beehive panel by advanced spectroscopic and chromatographic techniques in combination with hyperspectral imaging. <i>Heritage Science</i> , 2020, 8, .	2.3	5
23	Raman Mapping in the Scientific Investigations of Works of Art. <i>Springer Series in Optical Sciences</i> , 2012, , 189-217.	0.7	3
24	Efficiency of a corrosion inhibitor on bare, oxidized and real archeological bronze in indoor polluted atmosphere- digital image correlation approach. <i>Journal of Cultural Heritage</i> , 2021, 52, 65-72.	3.3	3
25	Investigation of proteinaceous paint layers, composed of egg yolk and lead white, exposed to fire-related effects. <i>Scientific Reports</i> , 2020, 10, 18961.	3.3	2
26	Kako se stara bron â€“ lepota staranja. <i>Alternator</i> , 0, 4, .	0.0	0
27	The suitability of a glovebox and of a covered still air box design for semi-sterile applications in environmental monitoring. <i>Journal of Microbiological Methods</i> , 2021, 190, 106325.	1.6	0