

Lucia Burgio

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

2,280
citations

331670

21
h-index

330143

37
g-index

40
all docs

40
docs citations

40
times ranked

1761
citing authors

#	ARTICLE	IF	CITATIONS
1	Library of FT-Raman spectra of pigments, minerals, pigment media and varnishes, and supplement to existing library of Raman spectra of pigments with visible excitation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2001, 57, 1491-1521.	3.9	862
2	Raman spectroscopy as a means for the identification of plattnerite (PbO ₂), of lead pigments and of their degradation products. <i>Analyst, The</i> , 2001, 126, 222-227.	3.5	218
3	Pigment Identification in Painted Artworks: A Dual Analytical Approach Employing Laser-Induced Breakdown Spectroscopy and Raman Microscopy. <i>Applied Spectroscopy</i> , 2000, 54, 463-469.	2.2	114
4	Pigment identification on medieval manuscripts, paintings and other artefacts by Raman microscopy: applications to the study of three German manuscripts. <i>Journal of Molecular Structure</i> , 1997, 405, 1-11.	3.6	86
5	An extensive non-destructive and micro-spectroscopic study of two post-Byzantine overpainted icons of the 16th century. <i>Journal of Raman Spectroscopy</i> , 2002, 33, 807-814.	2.5	82
6	Comparative pigment analysis of six modern Egyptian papyri and an authentic one of the 13th century BC by Raman microscopy and other techniques. <i>Journal of Raman Spectroscopy</i> , 2000, 31, 395-401.	2.5	77
7	Raman microscopy and x-ray fluorescence analysis of pigments on medieval and Renaissance Italian manuscript cuttings. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 5726-5731.	7.1	74
8	Pigment analysis by Raman microscopy of the non-figurative illumination in 16th to 18th century Islamic manuscripts. <i>Journal of Raman Spectroscopy</i> , 2008, 39, 1482-1493.	2.5	70
9	Raman microscopy of Greek icons: identification of unusual pigments. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2003, 59, 2371-2389.	3.9	66
10	Raman spectroscopy analysis of pigments on 16th-17th c. Persian manuscripts. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 92, 21-28.	3.9	64
11	Pigment identification studies in situ of Javanese, Thai, Korean, Chinese and Uighur manuscripts by Raman microscopy. <i>Journal of Raman Spectroscopy</i> , 1999, 30, 181-184.	2.5	62
12	Raman Microscopy Study of the Pigments on Three Illuminated Mediaeval Latin Manuscripts. <i>Journal of Raman Spectroscopy</i> , 1997, 28, 79-83.	2.5	55
13	Pigment Identification by Spectroscopic Means: Evidence Consistent with the Attribution of the Painting <i>Young Woman Seated at a Virginal</i> to Vermeer. <i>Analytical Chemistry</i> , 2005, 77, 1261-1267.	6.5	51
14	Laser-induced degradation of lead pigments with reference to Botticelli's <i>Trionfo d'Amore</i> . <i>Analytica Chimica Acta</i> , 2001, 440, 185-188.	5.4	48
15	A holistic multimodal approach to the non-invasive analysis of watercolour paintings. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 121, 999-1014.	2.3	33
16	Pigments' Arsenic-based yellows and reds. <i>Archaeological and Anthropological Sciences</i> , 2022, 14, 1.	1.8	33
17	Spectroscopic investigation of modern pigments on purportedly medieval miniatures by the 'Spanish Forger'. <i>Journal of Raman Spectroscopy</i> , 2009, 40, 2031-2036.	2.5	31
18	Mineral impurities in azurite pigments: artistic or natural selection?. <i>Journal of Raman Spectroscopy</i> , 2014, 45, 1013-1018.	2.5	29

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19	Pigments, dyes and inks: their analysis on manuscripts, scrolls and papyri. <i>Archaeological and Anthropological Sciences</i> , 2021, 13, 1.	1.8	26
20	Laser-induced breakdown spectroscopy and Raman microscopy for analysis of pigments in polychromes. <i>Journal of Cultural Heritage</i> , 2000, 1, S297-S302.	3.3	22
21	Raman analysis of ninth-century Iraqi stuccoes from Samarra. <i>Journal of Archaeological Science</i> , 2007, 34, 756-762.	2.4	22
22	Micro-analytical identification of the components of varnishes from South Italian historical musical instruments by PLM, ESEM-EDX, microFTIR, GC-MS, and Py-GC-MS. <i>Microchemical Journal</i> , 2014, 116, 31-40.	4.5	19
23	A multidisciplinary approach for the study and the virtual reconstruction of the ancient polychromy of Roman sarcophagi. <i>Journal of Cultural Heritage</i> , 2015, 16, 307-314.	3.3	18
24	The origins of the Selden map of China: scientific analysis of the painting materials and techniques using a holistic approach. <i>Heritage Science</i> , 2016, 4, .	2.3	16
25	Spectroscopic Investigations of Bourdichon Miniatures: Masterpieces of Light and Color. <i>Applied Spectroscopy</i> , 2009, 63, 611-620.	2.2	14
26	Comparison of English portrait miniatures using Raman microscopy and other techniques. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 1713-1721.	2.5	14
27	Combined technique analysis of the composition of Punic make-up materials. <i>Applied Physics A: Materials Science and Processing</i> , 2006, 83, 253-256.	2.3	13
28	Beyond the connoisseurship approach: creating a chronology in Hokusai prints using non-invasive techniques and multivariate data analysis. <i>Heritage Science</i> , 2020, 8, .	2.3	12
29	Identification, characterisation and mapping of calomel as "mercury white", a previously undocumented pigment from South America, and its use on a barniz de Pasto cabinet at the Victoria and Albert Museum. <i>Microchemical Journal</i> , 2018, 143, 220-227.	4.5	10
30	Analysis of yellow "fat" deposits on Inuit boots. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 73, 561-565.	3.9	9
31	Investigation of Burmese lacquer methods: Technical examination of the V&A Burmese shrine. <i>Journal of Cultural Heritage</i> , 2018, 30, 16-25.	3.3	7
32	Culture and trade through the prism of technical art history: A study of Chinese export paintings. <i>Studies in Conservation</i> , 2014, 59, S96-S99.	1.1	6
33	Spherical Copper Resinate on Coromandel Objects: Analysis and Conservation of Matt Green Paint. <i>Studies in Conservation</i> , 2007, 52, 241-254.	1.1	5
34	Scientific analysis underpinning the multidisciplinary project "The Leman Album: an Enhanced Facsimile". <i>European Physical Journal Plus</i> , 2019, 134, 1.	2.6	3
35	Orange for gold? Arsenic sulfide glass on the V&A Leman Album. <i>Journal of Raman Spectroscopy</i> , 2019, 50, 1169-1176.	2.5	3
36	Non-Invasive Technical Investigation of English Portrait Miniatures Attributed to Nicholas Hilliard and Isaac Oliver. <i>Heritage</i> , 2021, 4, 1165-1181.	1.9	2

#	ARTICLE	IF	CITATIONS
37	Protocol for the Analysis of Cross-Sections from Gilded Surfaces. <i>Heritage</i> , 2021, 4, 2416-2430.	1.9	2
38	A Multidisciplinary Approach to Pigment Analysis: King's Yellow and Dragon's Blood From the Winsor and Newton Pigment Box at the Victoria and Albert Museum. , 2003, , 61-72.		1
39	Materials and techniques of Kalighat paintings: pigment analysis of nine paintings from the collections of the Victoria and Albert Museum. <i>Journal of the Institute of Conservation</i> , 2011, 34, 173-185.	0.6	0