Lucia Burgio

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/208422/publications.pdf

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	Pigmentsâ€"Arsenic-based yellows and reds. Archaeological and Anthropological Sciences, 2022, 14, 1.	1.8	33
2	Non-Invasive Technical Investigation of English Portrait Miniatures Attributed to Nicholas Hilliard and Isaac Oliver. Heritage, 2021, 4, 1165-1181.	1.9	2
3	Protocol for the Analysis of Cross-Sections from Gilded Surfaces. Heritage, 2021, 4, 2416-2430.	1.9	2
4	Pigments, dyes and inks: their analysis on manuscripts, scrolls and papyri. Archaeological and Anthropological Sciences, 2021, 13, 1.	1.8	26
5	Beyond the connoisseurship approach: creating a chronology in Hokusai prints using non-invasive techniques and multivariate data analysis. Heritage Science, 2020, 8, .	2.3	12
6	Scientific analysis underpinning the multidisciplinary project â€œThe Leman Album: an Enhanced Facsimileâ€• European Physical Journal Plus, 2019, 134, 1.	2.6	3
7	Orange for gold? Arsenic sulfide glass on the V&A Leman Album. Journal of Raman Spectroscopy, 2019, 50, 1169-1176.	2.5	3
8	Investigation of Burmese lacquer methods: Technical examination of the V&A Burmese shrine. Journal of Cultural Heritage, 2018, 30, 16-25.	3.3	7
9	Identification, characterisation and mapping of calomel as â€˜mercury whiteâ€™, a previously undocumented pigment from South America, and its use on a barniz de Pasto cabinet at the Victoria and Albert Museum. Microchemical Journal, 2018, 143, 220-227.	4.5	10
10	The origins of the Selden map of China: scientific analysis of the painting materials and techniques using a holistic approach. Heritage Science, 2016, 4, .	2.3	16
11	A multidisciplinary approach for the study and the virtual reconstruction of the ancient polychromy of Roman sarcophagi. Journal of Cultural Heritage, 2015, 16, 307-314.	3.3	18
12	A holistic multimodal approach to the non-invasive analysis of watercolour paintings. Applied Physics A: Materials Science and Processing, 2015, 121, 999-1014.	2.3	33
13	Mineral impurities in azurite pigments: artistic or natural selection?. Journal of Raman Spectroscopy, 2014, 45, 1013-1018.	2.5	29
14	Micro-analytical identification of the components of varnishes from South Italian historical musical instruments by PLM, ESEMâ€"EDX, microFTIR, GCâ€"MS, and Pyâ€"GCâ€"MS. Microchemical Journal, 2014, 116, 31-40.	4.5	19
15	Culture and trade through the prism of technical art history: A study of Chinese export paintings. Studies in Conservation, 2014, 59, S96-S99.	1.1	6
16	Comparison of English portrait miniatures using Raman microscopy and other techniques. Journal of Raman Spectroscopy, 2012, 43, 1713-1721.	2.5	14
17	Raman spectroscopy analysis of pigments on 16â€"17th c. Persian manuscripts. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 92, 21-28.	3.9	64
18	Materials and techniques of Kalighat paintings: pigment analysis of nine paintings from the collections of the Victoria and Albert Museum. Journal of the Institute of Conservation, 2011, 34, 173-185.	0.6	0

#	Article	IF	Citations
19	Raman microscopy and x-ray fluorescence analysis of pigments on medieval and Renaissance Italian manuscript cuttings. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 5726-5731.	7.1	74
20	Spectroscopic investigation of modern pigments on purportedly medieval miniatures by the â€˜Spanish Forgerâ€™. Journal of Raman Spectroscopy, 2009, 40, 2031-2036.	2.5	31
21	Analysis of yellow â€œfatâ€•deposits on Inuit boots. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2009, 73, 561-565.	3.9	9
22	Spectroscopic Investigations of Bourdichon Miniatures: Masterpieces of Light and Color. Applied Spectroscopy, 2009, 63, 611-620.	2.2	14
23	Pigment analysis by Raman microscopy of the nonâ€figurative illumination in 16thâ€•to 18thâ€century Islamic manuscripts. Journal of Raman Spectroscopy, 2008, 39, 1482-1493.	2.5	70
24	Spherical Copper Resinate on Coromandel Objects: Analysis and Conservation of Matt Green Paint. Studies in Conservation, 2007, 52, 241-254.	1.1	5
25	Raman analysis of ninth-century Iraqi stuccoes from Samarra. Journal of Archaeological Science, 2007, 34, 756-762.	2.4	22
26	Combined technique analysis of the composition of Punic make-up materials. Applied Physics A: Materials Science and Processing, 2006, 83, 253-256.	2.3	13
27	Pigment Identification by Spectroscopic Means:Â Evidence Consistent with the Attribution of the PaintingYoung Woman Seated at a Virginalto Vermeer. Analytical Chemistry, 2005, 77, 1261-1267.	6.5	51
28	Raman microscopy of Greek icons: identification of unusual pigments. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2003, 59, 2371-2389.	3.9	66
29	A Multidisciplinary Approach to Pigment Analysis: Kingâ€™s Yellow and Dragonâ€™s Blood From the Winsor and Newton Pigment Box at the Victoria and Albert Museum. , 2003, , 61-72.		1
30	An extensive non-destructive and micro-spectroscopic study of two post-Byzantine overpainted icons of the 16th century. Journal of Raman Spectroscopy, 2002, 33, 807-814.	2.5	82
31	Raman spectroscopy as a means for the identification of plattnerite (PbO2), of lead pigments and of their degradation products. Analyst, The, 2001, 126, 222-227.	3.5	218
32	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. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2001, 57, 1491-1521.	3.9	862
33	Laser-induced degradation of lead pigments with reference to Botticelliâ€™s Trionfo dâ€™Amore. Analytica Chimica Acta, 2001, 440, 185-188.	5.4	48
34	Comparative pigment analysis of six modern Egyptian papyri and an authentic one of the 13th centuryBC by Raman microscopy and other techniques. Journal of Raman Spectroscopy, 2000, 31, 395-401.	2.5	77
35	Laser-induced breakdown spectroscopy and Raman microscopy for analysis of pigments in polychromes. Journal of Cultural Heritage, 2000, 1, S297-S302.	3.3	22
36	Pigment Identification in Painted Artworks: A Dual Analytical Approach Employing Laser-Induced Breakdown Spectroscopy and Raman Microscopy. Applied Spectroscopy, 2000, 54, 463-469.	2.2	114

#	Article	IF	Citations
37	Pigment identification studiesin situ of Javanese, Thai, Korean, Chinese and Uighur manuscripts by Raman microscopy. Journal of Raman Spectroscopy, 1999, 30, 181-184.	2.5	62
38	Pigment identification on medieval manuscripts, paintings and other artefacts by Raman microscopy: applications to the study of three German manuscripts. Journal of Molecular Structure, 1997, 405, 1-11.	3.6	86
39	Raman Microscopy Study of the Pigments on Three Illuminated Mediaeval Latin Manuscripts. Journal of Raman Spectroscopy, 1997, 28, 79-83.	2.5	55