Paola Ricciardi

List of Publications by Year
in descending order

34 papers	1,548 citations	393982 19 h-index	414034 32 g-index
37 all docs	37 docs citations	37 times ranked	1193 citing authors

#	Article	IF	Citations
1	Characterisation of colourants on illuminated manuscripts by portable fibre optic UV-visible-NIR reflectance spectrophotometry. Analytical Methods, 2014, 6, 1488.	1.3	247
2	Glass corrosion mechanisms: A multiscale analysis. Solid State Ionics, 2008, 179, 2142-2154.	1.3	136
3	Use of imaging spectroscopy, fiber optic reflectance spectroscopy, and X-ray fluorescence to map and identify pigments in illuminated manuscripts. Studies in Conservation, 2014, 59, 91-101.	0.6	127
4	Mapping of egg yolk and animal skin glue paint binders in Early Renaissance paintings using near infrared reflectance imaging spectroscopy. Analyst, The, 2013, 138, 4838.	1.7	117
5	A non-invasive study of Roman Age mosaic glass tesserae by means of Raman spectroscopy. Journal of Archaeological Science, 2009, 36, 2551-2559.	1.2	116
6	Nondestructive onâ€site identification of ancient glasses: genuine artefacts, embellished pieces or forgeries?. Journal of Raman Spectroscopy, 2009, 40, 604-617.	1.2	96
7	Near Infrared Reflectance Imaging Spectroscopy to Map Paint Binders In Situ on Illuminated Manuscripts. Angewandte Chemie - International Edition, 2012, 51, 5607-5610.	7.2	90
8	Visible and infrared imaging spectroscopy of paintings and improved reflectography. Heritage Science, 2016, 4, .	1.0	86
9	Raman spectroscopy of copper nanoparticleâ€containing glass matrices: ancient red stainedâ€glass windows. Journal of Raman Spectroscopy, 2009, 40, 1949-1955.	1.2	58
10	Macro X-ray fluorescence (MA-XRF) scanning of illuminated manuscript fragments: potentialities and challenges. Microchemical Journal, 2016, 124, 785-791.	2.3	53
11	â€˜It's not easy being greenâ€™: a spectroscopic study of green pigments used in illuminated manuscripts. Analytical Methods, 2013, 5, 3819.	1.3	51
12	Non-invasive identification of paint binders in illuminated manuscripts by ER-FTIR spectroscopy: a systematic study of the influence of different pigments on the bindersâ€™ characteristic spectral features. Heritage Science, 2019, 7, .	1.0	47
13	Multivariate analysis of combined Raman and fibreâ€optic reflectance spectra for the identification of binder materials in simulated medieval paints. Journal of Raman Spectroscopy, 2013, 44, 866-874.	1.2	32
14	Use of near infrared reflectance imaging spectroscopy to map wool and silk fibres in historic tapestries. Analytical Methods, 2016, 8, 7886-7890.	1.3	28
15	Non-invasive analysis of a 15th century illuminated manuscript fragment: point-based vs imaging spectroscopy. Microchemical Journal, 2018, 138, 162-172.	2.3	25
16	Use of Imaging Spectroscopy and in situ Analytical Methods for the Characterization of the Materials and Techniques of 15th Century Illuminated Manuscripts. Journal of the American Institute for Conservation, 2013, 52, 13-29.	0.2	24
17	MOLAB^{Â®}meets Persia: Non-invasive study of a sixteenth-century illuminated manuscript. Studies in Conservation, 2015, 60, S185-S192.	0.6	24
18	Nonâ€destructive Raman characterization of Capodimonte and Buen Retiro porcelain. Journal of Raman Spectroscopy, 2008, 39, 1113-1119.	1.2	23

#	Article	IF	Citations
19	New evidence for the intentional use of calomel as a white pigment. Journal of Raman Spectroscopy, 2021, 52, 15-22.	1.2	21
20	The importance of being little: <scp>MAâ€XRF</scp> on manuscripts on a Venetian island. X-Ray Spectrometry, 2021, 50, 272-278.	0.9	20
21	A high sensitivity, low noise and high spatial resolution multi-band infrared reflectography camera for the study of paintings and works on paper. Heritage Science, 2017, 5, .	1.0	19
22	The Choir Books of San Giorgio Maggiore in Venice: Results of in Depth Non-Invasive Analyses. Heritage, 2019, 2, 1684-1701.	0.9	19
23	Use of visible and infrared reflectance and luminescence imaging spectroscopy to study illuminated manuscripts: pigment identification and visualization of underdrawings. , 2009, , .		18
24	Unveiling the invisible: mathematical methods for restoring and interpreting illuminated manuscripts. Heritage Science, 2018, 6, 56.	1.0	14
25	Estimating the concentrations of pigments and binders in leadâ€based paints using FTâ€Raman spectroscopy and principal component analysis. Journal of Raman Spectroscopy, 2014, 45, 1272-1278.	1.2	12
26	Estimation of semiconductor-like pigment concentrations in paint mixtures and their differentiation from paint layers using first-derivative reflectance spectra. Talanta, 2016, 154, 63-72.	2.9	11
27	Firing techniques of black slipped pottery from Nepal (12thâ€“3rd century B.C.): The role of MÃ¶ssbauer spectroscopy. Journal of Cultural Heritage, 2008, 9, 261-268.	1.5	7
28	Manuscripts in the Making: Art and Science. Heritage Science, 2019, 7, .	1.0	7
29	Towards automatic registration of technical images of works of art. Proceedings of SPIE, 2011, , .	0.8	4
30	Secrets of a Silent Miniaturist: Findings from a Technical Study of Miniatures Attributed to Isaac Oliver. British Art Studies, 2020, , .	0.1	4
31	Use of standard analytical tools to detect small amounts of smalt in the presence of ultramarine as observed in 15th-century Venetian illuminated manuscripts. Heritage Science, 2022, 10, .	1.0	3
32	Automatic control-point selection for image registration using disparity fitting. Proceedings of SPIE, 2012, , .	0.8	2
33	UV-visible-near IR reflectance spectrophotometry in a museum environment. , 2021, , 103-131.		2
34	Non-Invasive Technical Investigation of English Portrait Miniatures Attributed to Nicholas Hilliard and Isaac Oliver. Heritage, 2021, 4, 1165-1181.	0.9	2