

Wim Fremout

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3201815/publications.pdf>

Version: 2024-02-01

13
papers

385
citations

1040056

9
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

562
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of synthetic organic pigments: the role of a comprehensive digital Raman spectral library. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 1536-1544.	2.5	106
2	Microplastic contamination in gudgeons (<i>Gobio gobio</i>) from Flemish rivers (Belgium). <i>Environmental Pollution</i> , 2019, 244, 675-684.	7.5	95
3	Tryptic peptide analysis of protein binders in works of art by liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2010, 658, 156-162.	5.4	58
4	Classification of protein binders in artist's paints by matrix-assisted laser desorption/ionisation time-of-flight mass spectrometry: an evaluation of principal component analysis (PCA) and soft independent modelling of class analogy (SIMCA). <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 1631-1640.	1.5	49
5	Identification of protein binders in works of art by high-performance liquid chromatography-diode array detector analysis of their tryptic digests. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 393, 1991-1999.	3.7	21
6	Non-destructive micro-Raman and X-ray fluorescence spectroscopy on pre-Eyckian works of art-verification with the results obtained by destructive methods. <i>Journal of Raman Spectroscopy</i> , 2006, 37, 1035-1045.	2.5	14
7	The analysis of European lacquer: optimization of thermochemolysis temperature of natural resins. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	2.3	12
8	Development of a dedicated peptide tandem mass spectral library for conservation science. <i>Analytica Chimica Acta</i> , 2012, 728, 39-48.	5.4	11
9	Nontargeted Pattern Recognition in the Search for Pyrolysis Gas Chromatography/Mass Spectrometry Resin Markers in Historic Lacquered Objects. <i>Analytical Chemistry</i> , 2019, 91, 7131-7138.	6.5	10
10	Black Lacquered <i>Papier-mâché</i> and Turned Wooden Furniture: Unravelling the Art History, Technology and Chemistry of the 19th-Century Japanning Industry. <i>Studies in Conservation</i> , 2019, 64, S31-S44.	1.1	5
11	Japanning in Spa at the End of the Seventeenth Century to the Middle of the Eighteenth Century: Historical Context and Materials for Lacqueredbois de Spa. <i>Studies in Conservation</i> , 2019, 64, S14-S30.	1.1	2
12	Quality control of natural resins used in historical European lacquer reconstructions with some reflections on the composition of sandarac resin (<i>Tetraclinis articulata</i> (Vahl) Mast.). <i>Journal of Analytical and Applied Pyrolysis</i> , 2021, 158, 105159.	5.5	2
13	The analysis of European lacquer: optimization of thermochemolysis temperature of natural resins. , 2017, , 103-110.		0