Steven Saverwyns

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3325782/publications.pdf

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25	695	623734	642732
papers	citations	14 h-index	23 g-index

26	26	26	903
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quality control of natural resins used in historical European lacquer reconstructions with some reflections on the composition of sandarac resin (Tetraclinis articulata (Vahl) Mast.). Journal of Analytical and Applied Pyrolysis, 2021, 158, 105159.	5.5	2
2	Black Lacquered Papier-mÃ¢chÃ© and Turned Wooden Furniture: Unravelling the Art History, Technology and Chemistry of the 19th-Century Japanning Industry. Studies in Conservation, 2019, 64, S31-S44.	1.1	5
3	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. Studies in Conservation, 2019, 64, S14-S30.	1.1	2
4	Nontargeted Pattern Recognition in the Search for Pyrolysis Gas Chromatography/Mass Spectrometry Resin Markers in Historic Lacquered Objects. Analytical Chemistry, 2019, 91, 7131-7138.	6.5	10
5	Microplastic contamination in gudgeons (Gobio gobio) from Flemish rivers (Belgium). Environmental Pollution, 2019, 244, 675-684.	7.5	95
6	Macro X-ray fluorescence scanning (MA-XRF) as tool in the authentication of paintings. Microchemical Journal, 2018, 137, 139-147.	4.5	51
7	Identification by Raman spectroscopy of pararealgar as a starting material in the synthesis of amorphous arsenic sulfide pigments. Dyes and Pigments, 2018, 149, 290-297.	3.7	30
8	Food and Soot: Organic Residues On Outer Pottery Surfaces. Radiocarbon, 2017, 59, 1609-1621.	1.8	11
9	The analysis of European lacquer: optimization of thermochemolysis temperature of natural resins. , 2017, , 103-110.		0
10	14C-dating of the skeleton remains and the content of the lead coffin attributed to the Blessed Idesbald (Abbey of the Dunes, Koksijde, Belgium). Journal of Archaeological Science: Reports, 2016, 5, 276-284.	0.5	7
11	The analysis of European lacquer: optimization of thermochemolysis temperature of natural resins. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	12
12	Improved radiocarbon analyses of modern human hair to determine the yearâ€ofâ€death by crossâ€flow nanofiltered amino acids: common contaminants, implications for isotopic analysis, and recommendations. Rapid Communications in Mass Spectrometry, 2015, 29, 1765-1773.	1.5	15
13	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
14	Chapter 5. Separation Techniques in Archaeometry. , 2012, , 132-162.		1
15	Development of a dedicated peptide tandem mass spectral library for conservation science. Analytica Chimica Acta, 2012, 728, 39-48.	5.4	11
16	Identification of synthetic organic pigments: the role of a comprehensive digital Raman spectral library. Journal of Raman Spectroscopy, 2012, 43, 1536-1544.	2.5	106
17	Micro-X-Ray Fluorescence and the Old Masters. Applied Physics A: Materials Science and Processing, 2012, 107, 197-202.	2.3	11
18	Classification of protein binders in artist's paints by matrixâ€assisted laser desorption/ionisation timeâ€ofâ€flight mass spectrometry: an evaluation of principal component analysis (PCA) and soft independent modelling of class analogy (SIMCA). Rapid Communications in Mass Spectrometry, 2011, 25, 1631-1640.	1.5	49

#	Article	IF	Citations
19	Tryptic peptide analysis of protein binders in works of art by liquid chromatographyâ€“tandem mass spectrometry. Analytica Chimica Acta, 2010, 658, 156-162.	5.4	58
20	Russian avantâ€gardeâ€¦ or not? A microâ€Raman spectroscopy study of six paintings attributed to Liubov Popova. Journal of Raman Spectroscopy, 2010, 41, 1525-1532.	2.5	35
21	Identification of protein binders in works of art by high-performance liquid chromatographyâ€“diode array detector analysis of their tryptic digests. Analytical and Bioanalytical Chemistry, 2009, 393, 1991-1999.	3.7	21
22	Non-destructive micro-Raman and X-ray fluorescence spectroscopy on pre-Eyckian works of artâ€”verification with the results obtained by destructive methods. Journal of Raman Spectroscopy, 2006, 37, 1035-1045.	2.5	14
23	Comparison of the application of higher mass resolution and cool plasma conditions to avoid spectral interferences in Cr(III)/Cr(VI) speciation by means of high-performance liquid chromatography â€“ inductively coupled plasma mass spectrometry. Analytica Chimica Acta, 2000, 419, 55-64.	5.4	54
24	Evaluation of a commercially available microbore anion exchange column for chromium speciation with detection by ICP-mass spectrometry and hyphenation with microconcentric nebulization. Fresenius' Journal of Analytical Chemistry, 1999, 363, 490-494.	1.5	19
25	Speciation of Six Arsenic Compounds Using High-performance Liquid Chromatography-Inductively Coupled Plasma Mass Spectrometry With Sample Introduction by Thermospray Nebulization. Journal of Analytical Atomic Spectrometry, 1997, 12, 1047-1052.	3.0	57