

Maarten R Van Bommel

List of Publications by Year in descending order

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16
papers

448
citations

840776

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docs citations

16
times ranked

371
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparing different light-degradation approaches for the degradation of crystal violet and eosin Y. <i>Dyes and Pigments</i> , 2022, 197, 109882.	3.7	8
2	Liquid Core Waveguide Cell with In Situ Absorbance Spectroscopy and Coupled to Liquid Chromatography for Studying Light-Induced Degradation. <i>Analytical Chemistry</i> , 2022, 94, 7647-7654.	6.5	10
3	Recent applications of retention modelling in liquid chromatography. <i>Journal of Separation Science</i> , 2021, 44, 88-114.	2.5	57
4	Characterization of a liquid-core waveguide cell for studying the chemistry of light-induced degradation. <i>Analyst, The</i> , 2021, 146, 3197-3207.	3.5	11
5	Measuring and using scanning-gradient data for use in method optimization for liquid chromatography. <i>Journal of Chromatography A</i> , 2021, 1636, 461780.	3.7	22
6	Development and validation of an analytical protocol for the sampling and quantitative analysis of ions on the surface of unstable historic glass in museum collections using ion-exchange chromatography. <i>Journal of Chromatography A</i> , 2020, 1627, 461394.	3.7	6
7	Mapping degradation pathways of natural and synthetic dyes with LC-MS: Influence of solvent on degradation mechanisms. <i>Journal of Cultural Heritage</i> , 2019, 38, 29-36.	3.3	29
8	Characterization of Dye Extracts from Historical Cultural-Heritage Objects Using State-of-the-Art Comprehensive Two-Dimensional Liquid Chromatography and Mass Spectrometry with Active Modulation and Optimized Shifting Gradients. <i>Analytical Chemistry</i> , 2019, 91, 3062-3069.	6.5	38
9	Characterization of synthetic dyes by comprehensive two-dimensional liquid chromatography combining ion-exchange chromatography and fast ion-pair reversed-phase chromatography. <i>Journal of Chromatography A</i> , 2016, 1436, 141-146.	3.7	31
10	Reproducing colourful woven bands from the Iron Age salt mine of Hallstatt in Austria: An interdisciplinary approach to acquire knowledge of prehistoric dyeing technology. <i>Journal of Archaeological Science: Reports</i> , 2015, 2, 569-595.	0.5	2
11	Searching for blue: Experiments with woad fermentation vats and an explanation of the colours through dye analysis. <i>Journal of Archaeological Science: Reports</i> , 2015, 2, 9-39.	0.5	15
12	Indigo carmine: Understanding a problematic blue dye. <i>Studies in Conservation</i> , 2012, 57, S87-S95.	1.1	28
13	Crystal violet: Study of the photo-fading of an early synthetic dye in aqueous solution and on paper with HPLC-PDA, LC-MS and FORS. <i>Journal of Physics: Conference Series</i> , 2010, 231, 012011.	0.4	35
14	Critical evaluation of micro-chemical analysis of archaeological materials. Experiences from the Netherlands Institute for Cultural Heritage. <i>Mikrochimica Acta</i> , 2008, 162, 433-446.	5.0	14
15	High-performance liquid chromatography and non-destructive three-dimensional fluorescence analysis of early synthetic dyes. <i>Journal of Chromatography A</i> , 2007, 1157, 260-272.	3.7	99
16	Micro Analysis on Hallstatt Textiles: Colour and Condition. <i>Mikrochimica Acta</i> , 2006, 155, 169-174.	5.0	43