

Katarzyna Lech

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

338
citations

933447

10
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

393
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel methodology for the extraction and identification of natural dyestuffs in historical textiles by HPLC-UV-Vis-ESI MS. Case study: chasubles from the Wawel Cathedral collection. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 3241-3251.	3.7	56
2	Saffron yellow: characterization of carotenoids by high performance liquid chromatography with electrospray mass spectrometric detection. <i>Journal of Mass Spectrometry</i> , 2009, 44, 1661-1667.	1.6	48
3	Identification of unknown colorants in pre-Columbian textiles dyed with American cochineal (<i>Dactylopius coccus</i> Costa) using high-performance liquid chromatography and tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 855-867.	3.7	43
4	Identification of Polish cochineal (<i>Porphyrophora polonica</i> L.) in historical textiles by high-performance liquid chromatography coupled with spectrophotometric and tandem mass spectrometric detection. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 3349-3358.	3.7	40
5	Early synthetic dyes – a challenge for tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2013, 48, 141-147.	1.6	31
6	HPLC-UV-ESI MS/MS identification of the color constituents of sawwort (<i>Serratula tinctoria</i> L.). <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 3703-3708.	3.7	26
7	A Mass Spectrometry-Based Approach for Characterization of Red, Blue, and Purple Natural Dyes. <i>Molecules</i> , 2020, 25, 3223.	3.8	23
8	Identification of degradation products of indigoids by tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2015, 50, 1245-1251.	1.6	21
9	Mass Spectrometry for Investigation of Natural Dyes in Historical Textiles: Unveiling the Mystery behind Safflower-Dyed Fibers. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 2552-2566.	2.8	13
10	Universal analytical method for characterization of yellow and related natural dyes in liturgical vestments from Krakow. <i>Journal of Cultural Heritage</i> , 2020, 46, 108-118.	3.3	12
11	Capillary-HPLC with tandem mass spectrometry in analysis of alkaloid dyestuffs – a new approach. <i>Electrophoresis</i> , 2018, 39, 1276-1283.	2.4	9
12	Characterization of Organic Natural Dyes by Electrospray Mass Spectrometry Coupled with HPLC and/or Capillary Electrophoresis. , 0, , 363-388.		5
13	Dataset supporting the identification of natural dyes in yellow, orange, brown and green fibres from Krakow liturgical vestments. <i>Data in Brief</i> , 2020, 31, 105735.	1.0	5
14	Secreted Metabolome of Human Macrophages Exposed to Methamphetamine. <i>Analytical Chemistry</i> , 2019, 91, 9190-9197.	6.5	3
15	Provenance studies of Końciuszkó banknotes – One of the oldest paper banknotes in Europe – Using Raman spectroscopy in conjunction with other analytical techniques. <i>Journal of Raman Spectroscopy</i> , 2020, 51, 1903-1912.	2.5	3