

Carole Mathe

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

413
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1163117

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#	ARTICLE	IF	CITATIONS
1	Rethinking the Process of Animal Mummification in Ancient Egypt: Molecular Characterization of Embalming Material and the Use of Brassicaceae Seed Oil in the Mummification of Gazelle Mummies from Kom Mereh, Egypt. <i>Molecules</i> , 2022, 27, 1532.	3.8	3
2	An innovative multi-analytical strategy to assess the presence of fossil hydrocarbons in a mummification balm. <i>Journal of Cultural Heritage</i> , 2022, 55, 369-380.	3.3	3
3	Archaeobotanical and chemical investigations on wine amphorae from San Felice Circeo (Italy) shed light on grape beverages at the Roman time. <i>PLoS ONE</i> , 2022, 17, e0267129.	2.5	2
4	Analysis of balms taken from Egyptian human mummies using solid-phase extraction and gas chromatography-mass spectrometry. <i>Journal of Separation Science</i> , 2021, 44, 850-859.	2.5	4
5	GC-MS and PCA analyses of diterpenoids degradation state in 21 human mummies of Ancient Egypt dating from New Kingdom to Graeco-Roman Period. <i>Journal of Cultural Heritage</i> , 2021, 47, 43-49.	3.3	8
6	Evaluation of a characterization method of Egyptian human mummy balms by chemometric treatments of infrared data. <i>Talanta</i> , 2021, 225, 121949.	5.5	5
7	Optimization of protein extraction and ELISA immunodetection from protein-based paint models with mesoporous silica nanoparticles and MCM41. <i>European Physical Journal Plus</i> , 2021, 136, 1.	2.6	1
8	Analysis of organic residues from the Châteaumeillant oppidum (Cher, France) using GC-MS. <i>Journal of Cultural Heritage</i> , 2021, 51, 50-58.	3.3	2
9	Protocol Comparison for Organic Residue Analyses from Waterproofing Materials and Shards of Roman Archaeological Amphorae. <i>Crystals</i> , 2021, 11, 1300.	2.2	3
10	Chemical characterization of embalming materials of four ibis mummies from the Musée des Confluences, Lyon. <i>Journal of Archaeological Science: Reports</i> , 2020, 34, 102624.	0.5	4
11	FT-IR and GC-MS analyses of Dressel IA amphorae from the Grand Congloué 2 wreck. <i>Journal of Archaeological Science: Reports</i> , 2019, 28, 102007.	0.5	5
12	Decomplexing madder lakes using oxalic acid: A novel method coupled with microwave or ultrasound processes. <i>Comptes Rendus Chimie</i> , 2019, 22, 428-434.	0.5	1
13	Frankincense and bitumen of the middle period (1st century-5th century AD) from the ancient Harbour of Qāniā™ (Yemen). <i>Journal of Historical Archaeology & Anthropological Sciences</i> , 2018, 3, .	0.0	2
14	Liquid chromatographic analysis of flavonol compounds in green fruits of three <i>Rhamnus</i> species used in Stil de grain. <i>Microchemical Journal</i> , 2014, 115, 130-137.	4.5	24
15	LIQUID CHROMATOGRAPHY OF TRITERPENIC RESINS AFTER DERIVATIZATION WITH DANSYL CHLORIDE. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012, 35, 1222-1237.	1.0	7
16	Applying the Techniques on Materials I. <i>Lecture Notes in Quantum Chemistry II</i> , 2012, , 163-246.	0.3	0
17	Spectroscopic and chromatographic analysis of yellow flavonoidic lakes: Quercetin chromophore. <i>Applied Clay Science</i> , 2011, 53, 598-607.	5.2	28
18	Characterization of madder and garancine in historic French red materials by liquid chromatography-photodiode array detection. <i>Journal of Cultural Heritage</i> , 2011, 12, 98-104.	3.3	19

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19	Cytohistological and phytochemical study of madder root extracts obtained by ultrasonic and classical extractions. <i>Phytochemical Analysis</i> , 2009, 20, 484-490.	2.4	6
20	A multivariate study of the performance of an ultrasound-assisted madder dyes extraction and characterization by liquid chromatography-photodiode array detection. <i>Ultrasonics Sonochemistry</i> , 2009, 16, 75-82.	8.2	61
21	Analysis of Frankincense in Archaeological Samples by Gas Chromatography-Mass Spectrometry. <i>Annali Di Chimica</i> , 2007, 97, 433-445.	0.6	29
22	Characterization of archaeological frankincense by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2004, 1023, 277-285.	3.7	111
23	A lupane triterpene from frankincense (<i>Boswellia</i> sp., Burseraceae). <i>Phytochemistry</i> , 2003, 62, 537-541.	2.9	85