

Marco Giampà

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

308
citations

933447

10
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

468
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid incorporation of glucosinolates as a strategy used by a herbivore to prevent activation by myrosinases. <i>Insect Biochemistry and Molecular Biology</i> , 2014, 52, 115-123.	2.7	52
2	Conjugated Polymers as a New Class of Dual-Mode Matrices for MALDI Mass Spectrometry and Imaging. <i>Journal of the American Chemical Society</i> , 2018, 140, 11416-11423.	13.7	41
3	Maleic anhydride proton sponge as a novel MALDI matrix for the visualization of small molecules (m/z <math>< 250</math>) in brain tumors by routine MALDI ToF imaging mass spectrometry. <i>Chemical Communications</i> , 2016, 52, 9801-9804.	4.1	35
4	Hydrolysis of cis- and transplatin: structure and reactivity of the aqua complexes in a solvent free environment. <i>RSC Advances</i> , 2017, 7, 15877-15884.	3.6	34
5	Glioblastoma multiforme: Metabolic differences to peritumoral tissue and mutated gliomas revealed by mass spectrometry imaging. <i>Neuropathology</i> , 2020, 40, 546-558.	1.2	25
6	An integrated approach to study novel properties of a MALDI matrix (4-maleicanhydridoproton) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	3.7	18
7	Co-encapsulation of amyloglucosidase with starch and <i>Saccharomyces cerevisiae</i> as basis for a long-lasting CO ₂ release. <i>World Journal of Microbiology and Biotechnology</i> , 2017, 33, 71.	3.6	16
8	Mass spectrometry imaging reveals lipid upregulation and bile acid changes indicating amitriptyline induced steatosis in a rat model. <i>Toxicology Letters</i> , 2020, 325, 43-50.	0.8	16
9	The influence of a modified lipopolysaccharide O-antigen on the biosynthesis of xanthan in <i>Xanthomonas campestris</i> pv. <i>campestris</i> B100. <i>BMC Microbiology</i> , 2016, 16, 93.	3.3	13
10	An optimized MALDI MSI protocol for spatial detection of tryptic peptides in fresh frozen prostate tissue. <i>Proteomics</i> , 2022, 22, e2100223.	2.2	13
11	Unravel the Local Complexity of Biological Environments by MALDI Mass Spectrometry Imaging. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12393.	4.1	11
12	Insight to Functional Conformation and Noncovalent Interactions of Protein-Protein Assembly Using MALDI Mass Spectrometry. <i>Molecules</i> , 2020, 25, 4979.	3.8	9
13	Reproducible Lipid Alterations in Patient-Derived Breast Cancer Xenograft FFPE Tissue Identified with MALDI MSI for Pre-Clinical and Clinical Application. <i>Metabolites</i> , 2021, 11, 577.	2.9	9
14	Implementing Complementary Approaches to Shape the Mechanism of β -Synuclein Oligomerization as a Model of Amyloid Aggregation. <i>Molecules</i> , 2022, 27, 88.	3.8	7
15	Spatial evaluation of long-term metabolic changes induced by cisplatin nephrotoxicity. <i>Toxicology Letters</i> , 2020, 334, 36-43.	0.8	4
16	Polymerization as a Strategy to Improve Small Organic Matrices for Low-Molecular-Weight Compound Analytics with MALDI MS and MALDI MS Imaging. <i>ACS Applied Polymer Materials</i> , 2021, 3, 4234-4244.	4.4	4
17	Immersion by rotation-based application of the matrix for fast and reproducible sample preparations and robust results in mass spectrometry imaging. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4488.	1.6	1
18	Multimodal methods to study protein aggregation and fibrillation. , 2022, , 77-102.		0