

David Bonnel

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

700
citations

840776

11
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

1016
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative mass spectrometry imaging of propranolol and olanzapine using tissue extinction calculation as normalization factor. <i>Journal of Proteomics</i> , 2012, 75, 4952-4961.	2.4	171
2	MALDI Imaging Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 2023-2033.	3.8	149
3	Multivariate analyses for biomarkers hunting and validation through on-tissue bottom-up or in-source decay in MALDI-MSI: application to prostate cancer. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 149-165.	3.7	71
4	MALDI imaging mass spectrometry in ovarian cancer for tracking, identifying, and validating biomarkers. <i>Medical Science Monitor</i> , 2010, 16, BR233-45.	1.1	60
5	MALDI imaging facilitates new topical drug development process by determining quantitative skin distribution profiles. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 2815-2828.	3.7	51
6	Localization of Secondary Metabolites in Marine Invertebrates: Contribution of MALDI MSI for the Study of Saponins in Cuvierian Tubules of <i>H. forskali</i> . <i>PLoS ONE</i> , 2010, 5, e13923.	2.5	46
7	MITICS (MALDI Imaging Team Imaging Computing System): A new open source mass spectrometry imaging software. <i>Journal of Proteomics</i> , 2008, 71, 332-345.	2.4	43
8	MALDI imaging techniques dedicated to drug-distribution studies. <i>Bioanalysis</i> , 2011, 3, 1399-1406.	1.5	30
9	Ionic matrices pre-spotted matrix-assisted laser desorption/ionization plates for patient maker following in course of treatment, drug titration, and MALDI mass spectrometry imaging. <i>Analytical Biochemistry</i> , 2013, 434, 187-198.	2.4	20
10	Biodistribution of polycyanoacrylate nanoparticles encapsulating doxorubicin by Matrix-Assisted Laser Desorption Ionization (MALDI) Mass Spectrometry Imaging (MSI). <i>Journal of Drug Delivery Science and Technology</i> , 2018, 47, 55-61.	3.0	13
11	Regulatory Forum Opinion Piece*: Imaging Applications in Toxicologic Pathologyâ€”Recommendations for Use in Regulated Nonclinical Toxicity Studies. <i>Toxicologic Pathology</i> , 2017, 45, 444-471.	1.8	12
12	Hyaluronic acid detection and relative quantification by mass spectrometry imaging in human skin tissues. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 5781-5791.	3.7	10
13	Biomarker Mapping on Skin Tape Strips Using MALDI Mass Spectrometry Imaging. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 2082-2091.	2.8	9
14	Matrix-Assisted Laser Desorption Ionization Mass Spectrometry Imaging of Key Proteins in Corneal Samples from Lattice Dystrophy Patients with TGFBI â€”H626R and TGFBI â€”R124C Mutations. <i>Proteomics - Clinical Applications</i> , 2019, 13, 1800053.	1.6	7
15	Automated Morphological and Morphometric Analysis of Mass Spectrometry Imaging Data: Application to Biomarker Discovery. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 2635-2645.	2.8	6
16	Applications of Mass Spectrometry Imaging for Safety Evaluation. <i>Methods in Molecular Biology</i> , 2017, 1641, 129-140.	0.9	2
17	Targeted Expression of TGFBIp Peptides in Mouse and Human Tissue by MALDI-Mass Spectrometry Imaging. <i>Separations</i> , 2021, 8, 97.	2.4	0