

Adrian Guthals

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

368
citations

1163117

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1474206

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11
all docs

11
docs citations

11
times ranked

711
citing authors

#	ARTICLE	IF	CITATIONS
1	The spectral networks paradigm in high throughput mass spectrometry. <i>Molecular BioSystems</i> , 2012, 8, 2535.	2.9	79
2	Peptide Identification by Tandem Mass Spectrometry with Alternate Fragmentation Modes. <i>Molecular and Cellular Proteomics</i> , 2012, 11, 550-557.	3.8	63
3	Sequencing-Grade <i>De novo</i> Analysis of MS/MS Triplets (CID/HCD/ETD) From Overlapping Peptides. <i>Journal of Proteome Research</i> , 2013, 12, 2846-2857.	3.7	63
4	Direct Determination of Antibody Chain Pairing by Top-down and Middle-down Mass Spectrometry Using Electron Capture Dissociation and Ultraviolet Photodissociation. <i>Analytical Chemistry</i> , 2020, 92, 766-773.	6.5	50
5	De Novo MS/MS Sequencing of Native Human Antibodies. <i>Journal of Proteome Research</i> , 2017, 16, 45-54.	3.7	41
6	Shotgun Protein Sequencing with Meta-contig Assembly. <i>Molecular and Cellular Proteomics</i> , 2012, 11, 1084-1096.	3.8	25
7	A multi-protease, multi-dissociation, bottom-up-to-top-down proteomic view of the <i>Loxosceles intermedia</i> venom. <i>Scientific Data</i> , 2017, 4, 170090.	5.3	21
8	Neutron-encoded Signatures Enable Product Ion Annotation From Tandem Mass Spectra. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 3812-3823.	3.8	20
9	The Generating Function Approach for Peptide Identification in Spectral Networks. <i>Journal of Computational Biology</i> , 2015, 22, 353-366.	1.6	5
10	The Generating Function Approach for Peptide Identification in Spectral Networks. <i>Lecture Notes in Computer Science</i> , 2014, , 85-99.	1.3	1