

Sven H Giese

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

466
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933447

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727
citing authors

#	ARTICLE	IF	CITATIONS
1	Leveraging Parameter Dependencies in High-Field Asymmetric Waveform Ion-Mobility Spectrometry and Size Exclusion Chromatography for Proteome-wide Cross-Linking Mass Spectrometry. <i>Analytical Chemistry</i> , 2022, 94, 4627-4634.	6.5	6
2	Ad hoc learning of peptide fragmentation from mass spectra enables an interpretable detection of phosphorylated and cross-linked peptides. <i>Nature Machine Intelligence</i> , 2022, 4, 378-388.	16.0	10
3	CovRadar: continuously tracking and filtering SARS-CoV-2 mutations for genomic surveillance. <i>Bioinformatics</i> , 2022, 38, 4223-4225.	4.1	4
4	Retention time prediction using neural networks increases identifications in crosslinking mass spectrometry. <i>Nature Communications</i> , 2021, 12, 3237.	12.8	22
5	An integrated workflow for crosslinking mass spectrometry. <i>Molecular Systems Biology</i> , 2019, 15, e8994.	7.2	120
6	Noncovalently Associated Peptides Observed during Liquid Chromatography-Mass Spectrometry and Their Effect on Cross-Link Analyses. <i>Analytical Chemistry</i> , 2019, 91, 2678-2685.	6.5	19
7	Comparative phosphoproteomic analysis reveals signaling networks regulating monopolar and bipolar cytokinesis. <i>Scientific Reports</i> , 2018, 8, 2269.	3.3	9
8	Peptide Retention in Hydrophilic Strong Anion Exchange Chromatography Is Driven by Charged and Aromatic Residues. <i>Analytical Chemistry</i> , 2018, 90, 4635-4640.	6.5	13
9	In-Search Assignment of Monoisotopic Peaks Improves the Identification of Cross-Linked Peptides. <i>Journal of Proteome Research</i> , 2018, 17, 3923-3931.	3.7	36
10	Complementary Benzophenone Cross-Linking/Mass Spectrometry Photochemistry. <i>Analytical Chemistry</i> , 2017, 89, 5319-5324.	6.5	22
11	A Study into the Collision-induced Dissociation (CID) Behavior of Cross-Linked Peptides. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 1094-1104.	3.8	78
12	Optimized Fragmentation Regime for Diazirine Photo-Cross-Linked Peptides. <i>Analytical Chemistry</i> , 2016, 88, 8239-8247.	6.5	34
13	Detection of Unknown Amino Acid Substitutions Using Error-Tolerant Database Search. <i>Methods in Molecular Biology</i> , 2016, 1362, 247-264.	0.9	3
14	Phosphoproteomic Analysis of Aurora Kinase Inhibition in Monopolar Cytokinesis. <i>Journal of Proteome Research</i> , 2015, 14, 4087-4098.	3.7	14
15	Specificity control for read alignments using an artificial reference genome-guided false discovery rate. <i>Bioinformatics</i> , 2014, 30, 9-16.	4.1	63