

Kyle A Brown

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7782065/publications.pdf>

Version: 2024-02-01

14
papers

713
citations

759055

12
h-index

1058333

14
g-index

16
all docs

16
docs citations

16
times ranked

585
citing authors

#	ARTICLE	IF	CITATIONS
1	Top-Down Proteomics: Ready for Prime Time?. <i>Analytical Chemistry</i> , 2018, 90, 110-127.	3.2	159
2	Novel Strategies to Address the Challenges in Top-Down Proteomics. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 1278-1294.	1.2	102
3	A photocleavable surfactant for top-down proteomics. <i>Nature Methods</i> , 2019, 16, 417-420.	9.0	82
4	Higher-order structural characterisation of native proteins and complexes by top-down mass spectrometry. <i>Chemical Science</i> , 2020, 11, 12918-12936.	3.7	81
5	Top-down proteomics: challenges, innovations, and applications in basic and clinical research. <i>Expert Review of Proteomics</i> , 2020, 17, 719-733.	1.3	70
6	Nanoproteomics enables proteoform-resolved analysis of low-abundance proteins in human serum. <i>Nature Communications</i> , 2020, 11, 3903.	5.8	43
7	High-Throughput Proteomics Enabled by a Photocleavable Surfactant. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8406-8410.	7.2	37
8	Ultrafast and Reproducible Proteomics from Small Amounts of Heart Tissue Enabled by Azo and timsTOF Pro. <i>Journal of Proteome Research</i> , 2021, 20, 4203-4211.	1.8	34
9	Bridged Hybrid Monolithic Column Coupled to High-Resolution Mass Spectrometry for Top-Down Proteomics. <i>Analytical Chemistry</i> , 2019, 91, 1743-1747.	3.2	28
10	Photocleavable Surfactant-Enabled Extracellular Matrix Proteomics. <i>Analytical Chemistry</i> , 2020, 92, 15693-15698.	3.2	24
11	Top-Down Proteomics of Endogenous Membrane Proteins Enabled by Cloud Point Enrichment and Multidimensional Liquid Chromatography-Mass Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 15726-15735.	3.2	24
12	High-Throughput Proteomics Enabled by a Photocleavable Surfactant. <i>Angewandte Chemie</i> , 2020, 132, 8484-8488.	1.6	14
13	One-Pot Exosome Proteomics Enabled by a Photocleavable Surfactant. <i>Analytical Chemistry</i> , 2022, 94, 7164-7168.	3.2	9
14	Proteomic Analysis of the Functional Inward Rectifier Potassium Channel (Kir) 2.1 Reveals Several Novel Phosphorylation Sites. <i>Biochemistry</i> , 2021, 60, 3292-3301.	1.2	5