

Dirk Valkenborg

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1743490/publications.pdf>

Version: 2024-02-01

10
papers

106
citations

1937685

4
h-index

1588992

8
g-index

13
all docs

13
docs citations

13
times ranked

203
citing authors

#	ARTICLE	IF	CITATIONS
1	Starch biosynthesis contributes to the maintenance of photosynthesis and leaf growth under drought stress in maize. <i>Plant, Cell and Environment</i> , 2020, 43, 2254-2271.	5.7	37
2	MESSAR: Automated recommendation of metabolite substructures from tandem mass spectra. <i>PLoS ONE</i> , 2020, 15, e0226770.	2.5	24
3	IsoSpec2: Ultrafast Fine Structure Calculator. <i>Analytical Chemistry</i> , 2020, 92, 9472-9475.	6.5	14
4	Classification with a Deferral Option and Low-Trust Filtering for Automated Seizure Detection. <i>Sensors</i> , 2021, 21, 1046.	3.8	11
5	Efficient Reduction of Candidate Matches in Peptide Spectrum Library Searching Using the Top <i>k</i> Most Intense Peaks. <i>Journal of Proteome Research</i> , 2014, 13, 4175-4183.	3.7	6
6	InSourcerer: a high-throughput method to search for unknown metabolite modifications by mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 1396-1404.	1.5	5
7	Visualizing the agreement of peptide assignments between different search engines. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4471.	1.6	5
8	MIND: A Double-Linear Model To Accurately Determine Monoisotopic Precursor Mass in High-Resolution Top-Down Proteomics. <i>Analytical Chemistry</i> , 2019, 91, 10310-10319.	6.5	3
9	The (generalized) hydrogen rule for organic molecules. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4485.	1.6	0
10	A "Refined Hydrogen Rule" and a "Refined Hydrogen and Halogen Rule" for Organic Molecules. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 132-136.	2.8	0