

Christoph Messner

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

1,283
citations

933264

10
h-index

1199470

12
g-index

12
all docs

12
docs citations

12
times ranked

1244
citing authors

#	ARTICLE	IF	CITATIONS
1	DIA-NN: neural networks and interference correction enable deep proteome coverage in high throughput. <i>Nature Methods</i> , 2020, 17, 41-44.	9.0	882
2	Ultra-fast proteomics with Scanning SWATH. <i>Nature Biotechnology</i> , 2021, 39, 846-854.	9.4	173
3	Nonenzymatic gluconeogenesis-like formation of fructose 1,6-bisphosphate in ice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7403-7407.	3.3	48
4	A new type of metal chelate affinity chromatography using trivalent lanthanide ions for phosphopeptide enrichment. <i>Analyst</i> , 2013, 138, 2995.	1.7	43
5	Selective enrichment of phosphopeptides by a metal-organic framework. <i>Analytical Methods</i> , 2013, 5, 2379.	1.3	36
6	Structure and dynamics of the Zr ⁴⁺ ion in water. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 224-229.	1.3	29
7	Combined Ab Initio Computational and Infrared Spectroscopic Study of the <i>cis</i> - and <i>trans</i> -Bis(glycinato)copper(II) Complexes in Aqueous Environment. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 1502-1506.	2.1	17
8	Highly selective recovery of phosphopeptides using trypsin-assisted digestion of precipitated lanthanide-phosphoprotein complexes. <i>Analyst</i> , 2013, 138, 2897.	1.7	17
9	Computational study of the hafnium (IV) ion in aqueous solution. <i>Chemical Physics Letters</i> , 2011, 501, 292-295.	1.2	15
10	Erbium(III) in Aqueous Solution: An Ab Initio Molecular Dynamics Study. <i>Journal of Physical Chemistry B</i> , 2013, 117, 15151-15156.	1.2	11
11	QM/MM MD simulations of La ^{III} -phosphopeptide complexes. <i>Molecular BioSystems</i> , 2015, 11, 232-238.	2.9	9
12	Co-Precipitation of Phosphorylated Proteins Using Trivalent Cerium-, Holmium-, and Thulium Cations. <i>Current Pharmaceutical Analysis</i> , 2014, 10, 175-184.	0.3	3