

Eduard Denisov

List of Publications by Year in descending order

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18
papers

3,764
citations

430874

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794594

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19
all docs

19
docs citations

19
times ranked

4644
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance Evaluation of a Hybrid Linear Ion Trap/Orbitrap Mass Spectrometer. <i>Analytical Chemistry</i> , 2006, 78, 2113-2120.	6.5	663
2	A Dual Pressure Linear Ion Trap Orbitrap Instrument with Very High Sequencing Speed. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 2759-2769.	3.8	398
3	Dynamic range of mass accuracy in LTQ orbitrap hybrid mass spectrometer. <i>Journal of the American Society for Mass Spectrometry</i> , 2006, 17, 977-982.	2.8	358
4	High-sensitivity Orbitrap mass analysis of intact macromolecular assemblies. <i>Nature Methods</i> , 2012, 9, 1084-1086.	19.0	347
5	Ultra High Resolution Linear Ion Trap Orbitrap Mass Spectrometer (Orbitrap Elite) Facilitates Top Down LC MS/MS and Versatile Peptide Fragmentation Modes. <i>Molecular and Cellular Proteomics</i> , 2012, 11, O111.013698.	3.8	303
6	The Q Exactive HF, a Benchtop Mass Spectrometer with a Pre-filter, High-performance Quadrupole and an Ultra-high-field Orbitrap Analyzer. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 3698-3708.	3.8	285
7	Novel Parallelized Quadrupole/Linear Ion Trap/Orbitrap Tribid Mass Spectrometer Improving Proteome Coverage and Peptide Identification Rates. <i>Analytical Chemistry</i> , 2013, 85, 11710-11714.	6.5	218
8	Dynamics of ions of intact proteins in the Orbitrap mass analyzer. <i>Journal of the American Society for Mass Spectrometry</i> , 2009, 20, 1486-1495.	2.8	161
9	From Protein Complexes to Subunit Backbone Fragments: A Multi-stage Approach to Native Mass Spectrometry. <i>Analytical Chemistry</i> , 2013, 85, 11163-11173.	6.5	148
10	Performance evaluation of a high-field orbitrap mass analyzer. <i>Journal of the American Society for Mass Spectrometry</i> , 2009, 20, 1391-1396.	2.8	147
11	Defining the Stoichiometry and Cargo Load of Viral and Bacterial Nanoparticles by Orbitrap Mass Spectrometry. <i>Journal of the American Chemical Society</i> , 2014, 136, 7295-7299.	13.7	134
12	A Comparative Study of Collision-Induced and Surface-Induced Dissociation. 1. Fragmentation of Protonated Dialanine. <i>Journal of the American Chemical Society</i> , 2000, 122, 9703-9714.	13.7	131
13	Exploring an Orbitrap Analyzer for the Characterization of Intact Antibodies by Native Mass Spectrometry. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12992-12996.	13.8	130
14	Orbitrap mass spectrometry with resolving powers above 1,000,000. <i>International Journal of Mass Spectrometry</i> , 2012, 325-327, 80-85.	1.5	116
15	Comparative Study of Collision-Induced and Surface-Induced Dissociation. 2. Fragmentation of Small Alanine-Containing Peptides in FT-ICR MS. <i>Journal of Physical Chemistry B</i> , 2001, 105, 1895-1900.	2.6	80
16	Petroleomics via Orbitrap mass spectrometry with resolving power above 1,000,000 at m/z > 200. <i>RSC Advances</i> , 2018, 8, 6183-6191.	3.6	58
17	Fragmentation energetics of small peptides from multiple-collision activation and surface-induced dissociation in FT-ICR MS. <i>International Journal of Mass Spectrometry</i> , 2002, 219, 189-201.	1.5	56
18	Exploring frontiers of orbitrap performance for long transients. <i>International Journal of Mass Spectrometry</i> , 2021, 466, 116607.	1.5	29