

Mehdi Shirzadeh

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

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759233

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339
citing authors

#	ARTICLE	IF	CITATIONS
1	Fourier Transform-Ion Mobility-Orbitrap Mass Spectrometer: A Next-Generation Instrument for Native Mass Spectrometry. <i>Analytical Chemistry</i> , 2018, 90, 10472-10478.	6.5	59
2	Native IM-Orbitrap MS: Resolving what was hidden. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 124, 115533.	11.4	33
3	Variable-Temperature Electrospray Ionization for Temperature-Dependent Folding/Refolding Reactions of Proteins and Ligand Binding. <i>Analytical Chemistry</i> , 2021, 93, 6924-6931.	6.5	33
4	THE IMS PARADOX: A PERSPECTIVE ON STRUCTURAL ION MOBILITY-MASS SPECTROMETRY. <i>Mass Spectrometry Reviews</i> , 2021, 40, 280-305.	5.4	29
5	Intrinsic GTPase Activity of K-RAS Monitored by Native Mass Spectrometry. <i>Biochemistry</i> , 2019, 58, 3396-3405.	2.5	25
6	First-Principles Collision Cross Section Measurements of Large Proteins and Protein Complexes. <i>Analytical Chemistry</i> , 2020, 92, 11155-11163.	6.5	24
7	Topological Analysis of Transthyretin Disassembly Mechanism: Surface-Induced Dissociation Reveals Hidden Reaction Pathways. <i>Analytical Chemistry</i> , 2019, 91, 2345-2351.	6.5	22
8	Ag ⁺ Ion Binding to Human Metallothionein-2A Is Cooperative and Domain Specific. <i>Analytical Chemistry</i> , 2020, 92, 8923-8932.	6.5	19
9	New insights into the metal-induced oxidative degradation pathways of transthyretin. <i>Chemical Communications</i> , 2019, 55, 4091-4094.	4.1	18
10	Temperature Regulates Stability, Ligand Binding (Mg ²⁺ and ATP), and Stoichiometry of GroEL-GroES Complexes. <i>Journal of the American Chemical Society</i> , 2022, 144, 2667-2678.	13.7	18
11	Molecular assemblies of the catalytic domain of SOS with KRas and oncogenic mutants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	15
12	Development of native MS capabilities on an extended mass range Q-TOF MS. <i>International Journal of Mass Spectrometry</i> , 2020, 458, 116451.	1.5	13
13	Structural Analysis of the Effect of a Dual-FLAG Tag on Transthyretin. <i>Biochemistry</i> , 2020, 59, 1013-1022.	2.5	7
14	Ag ⁺ Ion Binding to Human Metallothionein-2A Is Cooperative and Domain Specific. , 0, .		1