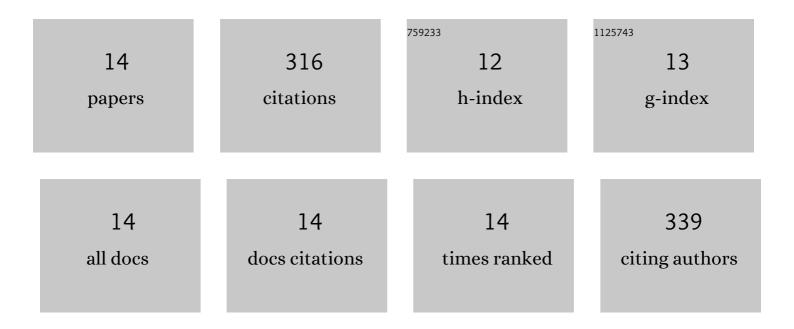
Mehdi Shirzadeh

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/625454/publications.pdf Version: 2024-02-01



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