

Hesam Dashti

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

317
citations

840119

11
h-index

887659

17
g-index

19
all docs

19
docs citations

19
times ranked

544
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrative NMR for biomolecular research. <i>Journal of Biomolecular NMR</i> , 2016, 64, 307-332.	1.6	47
2	NMR-STAR: comprehensive ontology for representing, archiving and exchanging data from nuclear magnetic resonance spectroscopic experiments. <i>Journal of Biomolecular NMR</i> , 2019, 73, 5-9.	1.6	32
3	Defining a Two-pronged Structural Model for PB1 (Phox/Bem1p) Domain Interaction in Plant Auxin Responses. <i>Journal of Biological Chemistry</i> , 2015, 290, 12868-12878.	1.6	31
4	Spin System Modeling of Nuclear Magnetic Resonance Spectra for Applications in Metabolomics and Small Molecule Screening. <i>Analytical Chemistry</i> , 2017, 89, 12201-12208.	3.2	31
5	Unique identifiers for small molecules enable rigorous labeling of their atoms. <i>Scientific Data</i> , 2017, 4, 170073.	2.4	30
6	Applications of Parametrized NMR Spin Systems of Small Molecules. <i>Analytical Chemistry</i> , 2018, 90, 10646-10649.	3.2	23
7	Architectural Features of Human Mitochondrial Cysteine Desulfurase Complexes from Crosslinking Mass Spectrometry and Small-Angle X-Ray Scattering. <i>Structure</i> , 2018, 26, 1127-1136.e4.	1.6	20
8	SARS2 simplified scores to estimate risk of hospitalization and death among patients with COVID-19. <i>Scientific Reports</i> , 2021, 11, 4945.	1.6	19
9	Automated evaluation of consistency within the PubChem Compound database. <i>Scientific Data</i> , 2019, 6, 190023.	2.4	15
10	One-Year Effects of Omega-3 Treatment on Fatty Acids, Oxylipins, and Related Bioactive Lipids and Their Associations with Clinical Lipid and Inflammatory Biomarkers: Findings from a Substudy of the Vitamin D and Omega-3 Trial (VITAL). <i>Metabolites</i> , 2020, 10, 431.	1.3	13
11	Quantum approximate Bayesian computation for NMR model inference. <i>Nature Machine Intelligence</i> , 2020, 2, 396-402.	8.3	12
12	Probabilistic validation of protein NMR chemical shift assignments. <i>Journal of Biomolecular NMR</i> , 2016, 64, 17-25.	1.6	11
13	Glycosylation and Cardiovascular Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1325, 307-319.	0.8	9
14	Tools for Enhanced NMR-Based Metabolomics Analysis. <i>Methods in Molecular Biology</i> , 2019, 2037, 413-427.	0.4	6
15	NMRFAM-SDF: a protein structure determination framework. <i>Journal of Biomolecular NMR</i> , 2015, 62, 481-495.	1.6	4
16	Probabilistic identification of saccharide moieties in biomolecules and their protein complexes. <i>Scientific Data</i> , 2020, 7, 210.	2.4	4
17	Fragment screening targeting Ebola virus nucleoprotein C-terminal domain identifies lead candidates. <i>Antiviral Research</i> , 2020, 180, 104822.	1.9	3
18	ADAPT-NMR 3.0: utilization of BEST-type triple-resonance NMR experiments to accelerate the process of data collection and assignment. <i>Journal of Biomolecular NMR</i> , 2015, 62, 247-252.	1.6	0