

# Hesam Dashti

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19  
papers

196  
citations

8  
h-index

13  
g-index

19  
ext. papers

275  
ext. citations

6.2  
avg, IF

3.16  
L-index

#	Paper	IF	Citations
19	Integrative NMR for biomolecular research. <i>Journal of Biomolecular NMR</i> , <b>2016</b> , 64, 307-32	3	36
18	Defining a two-pronged structural model for PB1 (Phox/Bem1p) domain interaction in plant auxin responses. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 12868-78	5.4	24
17	Unique identifiers for small molecules enable rigorous labeling of their atoms. <i>Scientific Data</i> , <b>2017</b> , 4, 170073	8.2	19
16	Spin System Modeling of Nuclear Magnetic Resonance Spectra for Applications in Metabolomics and Small Molecule Screening. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 12201-12208	7.8	19
15	NMR-STAR: comprehensive ontology for representing, archiving and exchanging data from nuclear magnetic resonance spectroscopic experiments. <i>Journal of Biomolecular NMR</i> , <b>2019</b> , 73, 5-9	3	17
14	Architectural Features of Human Mitochondrial Cysteine Desulfurase Complexes from Crosslinking Mass Spectrometry and Small-Angle X-Ray Scattering. <i>Structure</i> , <b>2018</b> , 26, 1127-1136.e4	5.2	15
13	Applications of Parametrized NMR Spin Systems of Small Molecules. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 10646-10649	4.9	15
12	SARS2 simplified scores to estimate risk of hospitalization and death among patients with COVID-19. <i>Scientific Reports</i> , <b>2021</b> , 11, 4945	4.9	11
11	Probabilistic validation of protein NMR chemical shift assignments. <i>Journal of Biomolecular NMR</i> , <b>2016</b> , 64, 17-25	3	8
10	Automated evaluation of consistency within the PubChem Compound database. <i>Scientific Data</i> , <b>2019</b> , 6, 190023	8.2	7
9	NRMFAM-SDF: a protein structure determination framework. <i>Journal of Biomolecular NMR</i> , <b>2015</b> , 62, 481-95	3	4
8	Quantum approximate Bayesian computation for NMR model inference. <i>Nature Machine Intelligence</i> , <b>2020</b> , 2, 396-402	22.5	4
7	SARS2 simplified scores to estimate risk of hospitalization and death among patients with COVID-19 <b>2020</b> ,		4
6	Probabilistic identification of saccharide moieties in biomolecules and their protein complexes. <i>Scientific Data</i> , <b>2020</b> , 7, 210	8.2	4
5	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> , <b>2020</b> , 10,	5.6	4
4	Tools for Enhanced NMR-Based Metabolomics Analysis. <i>Methods in Molecular Biology</i> , <b>2019</b> , 2037, 413-424	7.4	3
3	Fragment screening targeting Ebola virus nucleoprotein C-terminal domain identifies lead candidates. <i>Antiviral Research</i> , <b>2020</b> , 180, 104822	10.8	1

- 2 Glycosylation and Cardiovascular Diseases. *Advances in Experimental Medicine and Biology*, **2021**, 1325, 307-319 3.6 1
- 1 ADAPT-NMR 3.0: utilization of BEST-type triple-resonance NMR experiments to accelerate the process of data collection and assignment. *Journal of Biomolecular NMR*, **2015**, 62, 247-52 3