

# Farbod Mahmoudinobar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4620544/publications.pdf>

Version: 2024-02-01

8  
papers

181  
citations

1477746

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1588620

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g-index

8  
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8  
docs citations

8  
times ranked

252  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent trends in peptide and protein-based hydrogels. <i>Current Opinion in Structural Biology</i> , 2020, 63, 97-105.	2.6	60
2	Effects of Trimethylamine- $N$ -oxide on the Conformation of Peptides and its Implications for Proteins. <i>Physical Review Letters</i> , 2017, 119, 108102.	2.9	46
3	GRADE: A code to determine clathrate hydrate structures. <i>Computer Physics Communications</i> , 2019, 244, 385-391.	3.0	31
4	Thermodynamic Stability of Polar and Nonpolar Amyloid Fibrils. <i>Journal of Chemical Theory and Computation</i> , 2019, 15, 3868-3874.	2.3	16
5	Using all-atom simulations in explicit solvent to study aggregation of amphipathic peptides into amyloid-like fibrils. <i>Journal of Molecular Liquids</i> , 2022, 347, 118283.	2.3	15
6	Thermodynamics of $A\beta_{16-21}$ dissociation from a fibril: Enthalpy, entropy, and volumetric properties. <i>Proteins: Structure, Function and Bioinformatics</i> , 2015, 83, 1963-1972.	1.5	6
7	Role of side-chain interactions on the formation of $\beta$ -helices in model peptides. <i>Physical Review E</i> , 2015, 91, 032710.	0.8	4
8	Effects of Ions and Small Compounds on the Structure of $A\beta_{42}$ Monomers. <i>Journal of Physical Chemistry B</i> , 2021, 125, 1085-1097.	1.2	3