

Vered Wineman-Fisher

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

176
citations

1163117

8
h-index

1125743

13
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16
all docs

16
docs citations

16
times ranked

255
citing authors

#	ARTICLE	IF	CITATIONS
1	A cost-effective water-in-salt electrolyte enables highly stable operation of a 2.15-V aqueous lithium-ion battery. <i>Cell Reports Physical Science</i> , 2022, 3, 100688.	5.6	16
2	AMOEBAs: improved description of high field polarization for interactions of proteins with monovalent cations. <i>Biophysical Journal</i> , 2022, 121, 50a.	0.5	0
3	High-Dimensional Parameter Search Method to Determine Force Field Mixing Terms in Molecular Simulations. <i>Langmuir</i> , 2022, 38, 2840-2851.	3.5	5
4	Predictive QM/MM Modeling of Modulations in Protein-Protein Binding by Lysine Methylation. <i>Journal of Molecular Biology</i> , 2021, 433, 166745.	4.2	9
5	Methyl-Induced Polarization Destabilizes the Noncovalent Interactions of Methylated Lysines. <i>Chemistry - A European Journal</i> , 2021, 27, 11005-11014.	3.3	5
6	Transferable interactions of Li ⁺ and Mg ²⁺ ions in polarizable models. <i>Journal of Chemical Physics</i> , 2020, 153, 104113.	3.0	11
7	Improved description of ligand polarization enhances transferability of ion-ligand interactions. <i>Journal of Chemical Physics</i> , 2020, 153, 094115.	3.0	11
8	Hydroxylation of Type I Collagen: Effects on Fibrillar Structure and Mechanics. <i>Biophysical Journal</i> , 2019, 116, 457a-458a.	0.5	0
9	Ion-Hydroxyl Interactions: From High-Level Quantum Benchmarks to Transferable Polarizable Force Fields. <i>Journal of Chemical Theory and Computation</i> , 2019, 15, 2444-2453.	5.3	13
10	Unique Inversion Events of Residues around the Backbone in the Turn Domain of β^2 -Arches in Amylin Fibrils. <i>ACS Chemical Neuroscience</i> , 2019, 10, 1209-1213.	3.5	2
11	Insight into a New Binding Site of Zinc Ions in Fibrillar Amylin. <i>ACS Chemical Neuroscience</i> , 2017, 8, 2078-2087.	3.5	16
12	Structural Insights into the Polymorphism of Self-Assembled Amylin Oligomers. <i>Israel Journal of Chemistry</i> , 2016, 56, 590-598.	2.3	5
13	The removal of disulfide bonds in amylin oligomers leads to the conformational change of the "native" amylin oligomers. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 12438-12442.	2.8	14
14	Effect of Zn ²⁺ ions on the assembly of amylin oligomers: insight into the molecular mechanisms. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 21590-21599.	2.8	22
15	Mutagenic induction of an ultra-fast water-chain proton wire. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 23089-23095.	2.8	1
16	Orientations of Residues along the β^2 -Arch of Self-Assembled Amylin Fibril-Like Structures Lead to Polymorphism. <i>Biomacromolecules</i> , 2015, 16, 156-165.	5.4	46