

Huynh Minh Hung

List of Publications by Year in descending order

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16
papers

264
citations

1163117

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996975

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all docs

16
docs citations

16
times ranked

281
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast and accurate determination of the relative binding affinities of small compounds to HIV-1 protease using non-equilibrium work. <i>Journal of Computational Chemistry</i> , 2016, 37, 2734-2742.	3.3	70
2	Replica exchange molecular dynamics study of the amyloid beta (11-40) trimer penetrating a membrane. <i>RSC Advances</i> , 2017, 7, 7346-7357.	3.6	38
3	Replica exchange molecular dynamics study of the truncated amyloid beta (11-40) trimer in solution. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 1909-1919.	2.8	36
4	Radical Pathways for the Prebiotic Formation of Pyrimidine Bases from Formamide. <i>Journal of Physical Chemistry A</i> , 2015, 119, 8871-8883.	2.5	33
5	Impact of the Astaxanthin, Betanin, and EGCG Compounds on Small Oligomers of Amyloid A β_{1-40} Peptide. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 1399-1408.	5.4	17
6	Structural assignment, and electronic and magnetic properties of lanthanide metal doped silicon heptamers Si $_7$ M $^{+n}$ with M = Pr, Gd and Ho. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 31054-31063.	2.8	16
7	Electronic structure and thermochemical properties of neutral and anionic rhodium clusters Rh $_n$, n=2-13. Evolution of structures and stabilities of binary clusters Rh $_m$ M (M=Fe, Co, Ni; m=1-6). <i>Computational and Theoretical Chemistry</i> , 2015, 1068, 30-41.	2.5	15
8	Reaction Routes for Experimentally Observed Intermediates in the Prebiotic Formation of Nucleobases under High-Temperature Conditions. <i>Journal of Physical Chemistry A</i> , 2018, 122, 2992-3003.	2.5	9
9	Theoretical study of the interactions between the first transmembrane segment of NS2 protein and a POPC lipid bilayer. <i>Biophysical Chemistry</i> , 2016, 217, 1-7.	2.8	8
10	The influences of E22Q mutant on solvated 3A β_{11-40} peptide: A REMD study. <i>Journal of Molecular Graphics and Modelling</i> , 2018, 83, 122-128.	2.4	6
11	Structures, Thermochemical Properties, and Bonding of Mixed Alkaline-Earth-Metal Silicon Trimers Si $_3$ M $^{+n}$ with M = Be, Mg, Ca. <i>Journal of Physical Chemistry A</i> , 2015, 119, 6493-6503.	2.5	4
12	Multiscale simulations on conformational dynamics and membrane interactions of the non-structural 2 (NS2) transmembrane domain. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 193-198.	2.1	4
13	Comparative Study of Methanol Activation by Different Small Mixed Silicon Clusters Si $_2$ M with M = H, Li, Na, Cu, and Ag. <i>ACS Omega</i> , 2017, 2, 4563-4574.	3.5	4
14	Structural Investigation of Human Prolactin Receptor Transmembrane Domain Homodimerization in a Membrane Environment through Multiscale Simulations. <i>Journal of Physical Chemistry B</i> , 2019, 123, 4858-4866.	2.6	3
15	Molecular details of spontaneous insertion and interaction of HCV non-structure 3 protease protein domain with PIP2-containing membrane. <i>Proteins: Structure, Function and Bioinformatics</i> , 2018, 86, 423-433.	2.6	1
16	Cover Image, Volume 86, Issue 4. <i>Proteins: Structure, Function and Bioinformatics</i> , 2018, 86, C1.	2.6	0