

Yan Wang

List of Publications by Year in descending order

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15
papers

148
citations

1163117

8
h-index

1199594

12
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15
all docs

15
docs citations

15
times ranked

233
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Dynamic Investigations of the Mutational Effects on Structural Characteristics and Tunnel Geometry in CYP17A1. <i>Journal of Chemical Information and Modeling</i> , 2013, 53, 3308-3317.	5.4	37
2	Heparin makes differences: a molecular dynamics simulation study on the human β II-tryptase monomer. <i>Molecular BioSystems</i> , 2015, 11, 252-261.	2.9	17
3	Computational and biological investigation of the soybean lecithin-gallic acid complex for ameliorating alcoholic liver disease in mice with iron overload. <i>Food and Function</i> , 2019, 10, 5203-5214.	4.6	14
4	Molecular dynamics simulation reveals how phosphorylation of tyrosine 26 of phosphoglycerate mutase 1 upregulates glycolysis and promotes tumor growth. <i>Oncotarget</i> , 2017, 8, 12093-12107.	1.8	14
5	Highlighting a π - π interaction: a protein modeling and molecular dynamics simulation study on <i>Anopheles gambiae</i> glutathione S-transferase 1-2. <i>Journal of Molecular Modeling</i> , 2013, 19, 5213-5223.	1.8	12
6	The different interactions of two anticancer drugs with bovine serum albumin based on multi-spectrum method combined with molecular dynamics simulations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 259, 119809.	3.9	12
7	Exploring the interaction between human focal adhesion kinase and inhibitors: a molecular dynamic simulation and free energy calculations. <i>Journal of Biomolecular Structure and Dynamics</i> , 2016, 34, 2351-2366.	3.5	11
8	The molecular mechanism behind protein kinase B natural mutant E17K affecting the allosteric inhibitor sensitivity: a molecular dynamics simulation study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 1-14.	3.5	9
9	Network structure and properties of crosslinked bio-based epoxy resin composite: An in-silico multiscale strategy with dynamic curing reaction process. <i>Giant</i> , 2021, 7, 100063.	5.1	7
10	How mutations affecting the ligand-receptor interactions: a combined MD and QM/MM calculation on CYP2E1 and its two mutants. <i>Chemical Research in Chinese Universities</i> , 2015, 31, 1029-1038.	2.6	6
11	The molecular design of performance-enhanced intraocular lens composites. <i>Biomaterials Science</i> , 2022, 10, 1515-1522.	5.4	3
12	Understanding of supramolecular solution polymerization and interfacial polymerization <i>via</i> forming multiple hydrogen bonds: a computer simulation study. <i>Soft Matter</i> , 2022, 18, 5446-5458.	2.7	2
13	Dynamics and morphology of self-assembly behavior of polymer-grafted nanoparticles: a DPD simulation study. <i>Polymer International</i> , 0, , .	3.1	2
14	Insight into the urea binding and K166R mutation stabilizing mechanism of TlpB: Molecular dynamics and principal component analysis study. <i>Chemical Research in Chinese Universities</i> , 2014, 30, 1011-1017.	2.6	1
15	Molecular simulation investigation on the interaction between barrier-to-autointegration factor dimer or its Gly25Glu mutant and LEM domain of emerin. <i>Computational Biology and Chemistry</i> , 2014, 53, 184-190.	2.3	1