Yan Wang

List of Publications by Year
in descending order

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15	148	1163117 8	1199594 12
papers	citations	h-index	g-index

15	15	15	233
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The molecular design of performance-enhanced intraocular lens composites. Biomaterials Science, 2022, 10, 1515-1522.	5.4	3
2	Understanding of supramolecular solution polymerization and interfacial polymerization via forming multiple hydrogen bonds: a computer simulation study. Soft Matter, 2022, 18, 5446-5458.	2.7	2
3	Network structure and properties of crosslinked bio-based epoxy resin composite: An in-silico multiscale strategy with dynamic curing reaction process. Giant, 2021, 7, 100063.	5.1	7
4	The different interactions of two anticancer drugs with bovine serum albumin based on multi-spectrum method combined with molecular dynamics simulations. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 259, 119809.	3.9	12
5	The molecular mechanism behind protein kinase B natural mutant E17K affecting the allosteric inhibitor sensitivity: a molecular dynamics simulation study. Journal of Biomolecular Structure and Dynamics, 2021, 39, 1-14.	3.5	9
6	Computational and biological investigation of the soybean lecithinâ€“gallic acid complex for ameliorating alcoholic liver disease in mice with iron overload. Food and Function, 2019, 10, 5203-5214.	4.6	14
7	Molecular dynamics simulation reveals how phosphorylation of tyrosine 26 of phosphoglycerate mutase 1 upregulates glycolysis and promotes tumor growth. Oncotarget, 2017, 8, 12093-12107.	1.8	14
8	Exploring the interaction between human focal adhesion kinase and inhibitors: a molecular dynamic simulation and free energy calculations. Journal of Biomolecular Structure and Dynamics, 2016, 34, 2351-2366.	3.5	11
9	How mutations affecting the ligand-receptor interactions: a combined MD and QM/MM calculation on CYP2E1 and its two mutants. Chemical Research in Chinese Universities, 2015, 31, 1029-1038.	2.6	6
10	Heparin makes differences: a molecular dynamics simulation study on the human Î²II-tryptase monomer. Molecular BioSystems, 2015, 11, 252-261.	2.9	17
11	Insight into the urea binding and K166R mutation stabilizing mechanism of TlpB: Molecular dynamics and principal component analysis study. Chemical Research in Chinese Universities, 2014, 30, 1011-1017.	2.6	1
12	Molecular simulation investigation on the interaction between barrier-to-autointegration factor dimer or its Gly25Glu mutant and LEM domain of emerin. Computational Biology and Chemistry, 2014, 53, 184-190.	2.3	1
13	Molecular Dynamic Investigations of the Mutational Effects on Structural Characteristics and Tunnel Geometry in CYP17A1. Journal of Chemical Information and Modeling, 2013, 53, 3308-3317.	5.4	37
14	Highlighting a Ï€â€“Ï€ interaction: a protein modeling and molecular dynamics simulation study on Anopheles gambiae glutathione S-transferase 1-2. Journal of Molecular Modeling, 2013, 19, 5213-5223.	1.8	12
15	Dynamics and morphology of selfâ€assembly behavior of polymerâ€grafted nanoparticles: a <scp>DPD</scp> simulation study. Polymer International, 0, , .	3.1	2