Xuebo Quan

List of Publications by Year
in descending order

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20 papers	419 citations	759190 12 h-index	752679 20 g-index
21 all docs	21 docs citations	21 times ranked	554 citing authors

#	Article	IF	Citations
1	Orientation and Conformation of Hydrophobin at the Oilâ€“Water Interface: Insights from Molecular Dynamics Simulations. Langmuir, 2022, 38, 6191-6200.	3.5	9
2	Simulation Insight into the Synergic Role of Citrate and Polyaspartic Peptide in Biomineralization. Langmuir, 2021, 37, 3410-3419.	3.5	10
3	Molecular simulations of charged complex fluids: A review. Chinese Journal of Chemical Engineering, 2021, 31, 206-226.	3.5	11
4	Lysozyme Adsorption on Different Functionalized MXenes: A Multiscale Simulation Study. Langmuir, 2021, 37, 5932-5942.	3.5	6
5	Computer Simulations on a pH-Responsive Anticancer Drug Delivery System Using Zwitterion-Grafted Polyamidoamine Dendrimer Unimolecular Micelles. Langmuir, 2021, 37, 1225-1234.	3.5	33
6	The interplay between surface-functionalized gold nanoparticles and negatively charged lipid vesicles. Physical Chemistry Chemical Physics, 2021, 23, 23526-23536.	2.8	4
7	Molecular mechanism of HIV-1 TAT peptide and its conjugated gold nanoparticles translocating across lipid membranes. Physical Chemistry Chemical Physics, 2019, 21, 10300-10310.	2.8	23
8	Unprecedented Wiring Efficiency of Sulfonated Graphitic Carbon Nitride Materials: Toward High-Performance Amperometric Recombinant CotA Laccase Biosensors. ACS Sustainable Chemistry and Engineering, 2019, 7, 1474-1484.	6.7	21
9	Multiscale modeling and simulations of protein adsorption: progresses and perspectives. Current Opinion in Colloid and Interface Science, 2019, 41, 74-85.	7.4	65
10	Computer Simulation of DNA Condensation by PAMAM Dendrimer. Macromolecular Theory and Simulations, 2018, 27, 1700070.	1.4	17
11	Bilirubin Oxidase Adsorption onto Charged Self-Assembled Monolayers: Insights from Multiscale Simulations. Langmuir, 2018, 34, 9818-9828.	3.5	32
12	Computer simulations on the pH-sensitive tri-block copolymer containing zwitterionic sulfobetaine as a novel anti-cancer drug carrier. Colloids and Surfaces B: Biointerfaces, 2017, 152, 260-268.	5.0	41
13	Computer Simulations on the Channel Membrane Formation by Nonsolvent Induced Phase Separation. Macromolecular Theory and Simulations, 2017, 26, 1700027.	1.4	20
14	Solvent-responsiveness of PSâ€“PEO binary mixed polymer brushes: a coarse-grained molecular dynamics study. Molecular Simulation, 2017, 43, 1322-1330.	2.0	14
15	Understanding the Cellular Uptake of pH-Responsive Zwitterionic Gold Nanoparticles: A Computer Simulation Study. Langmuir, 2017, 33, 14480-14489.	3.5	29
16	Molecular Understanding of the Penetration of Functionalized Gold Nanoparticles into Asymmetric Membranes. Langmuir, 2017, 33, 361-371.	3.5	51
17	Mesoscopic Structure of Nafion-Ionic Liquid Membrane Using Dissipative Particle Dynamics Simulations. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2016, 32, 1649-1657.	4.9	3
18	Structural properties of polymer-brush-grafted gold nanoparticles at the oilâ€“water interface: insights from coarse-grained simulations. Soft Matter, 2016, 12, 3352-3359.	2.7	25

#	Article	IF	Citations
19	Surface Structure and Interaction of Surface/Interface Probed by Mesoscale Simulations and Experiments. Advances in Chemical Engineering, 2015, 47, 85-162.	0.9	1
20	Effect of Topology of Hydrophobic Surfaces on Their Wetting States by Coarse-grained Simulations. Acta Chimica Sinica, 2014, 72, 1075.	1.4	4