

Jian Zhou

List of Publications by Year in descending order

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133
papers

5,482
citations

66234

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136
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136
docs citations

136
times ranked

6242
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlling Antibody Orientation on Charged Self-Assembled Monolayers. <i>Langmuir</i> , 2003, 19, 2859-2864.	1.6	232
2	Bioinspired Graphene Nanopores with Voltage-Tunable Ion Selectivity for Na ⁺ and K ⁺ . <i>ACS Nano</i> , 2013, 7, 10148-10157.	7.3	199
3	An ethane-trapping MOF PCN-250 for highly selective adsorption of ethane over ethylene. <i>Chemical Engineering Science</i> , 2018, 175, 110-117.	1.9	177
4	Coarse-Grained Peptide Modeling Using a Systematic Multiscale Approach. <i>Biophysical Journal</i> , 2007, 92, 4289-4303.	0.2	176
5	Molecular dynamics study on ionic hydration. <i>Fluid Phase Equilibria</i> , 2002, 194-197, 257-270.	1.4	161
6	Molecular Simulation Studies of the Orientation and Conformation of Cytochrome c Adsorbed on Self-Assembled Monolayers. <i>Journal of Physical Chemistry B</i> , 2004, 108, 17418-17424.	1.2	145
7	Diameter and helicity effects on static properties of water molecules confined in carbon nanotubes. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 829.	1.3	144
8	Orientation of Adsorbed Antibodies on Charged Surfaces by Computer Simulation Based on a United-Residue Model. <i>Langmuir</i> , 2003, 19, 3472-3478.	1.6	129
9	Anomalous Hydration Shell Order of Na ⁺ and K ⁺ inside Carbon Nanotubes. <i>Nano Letters</i> , 2009, 9, 989-994.	4.5	113
10	Polydopamine-based synthesis of a zeolite imidazolate framework ZIF-100 membrane with high H ₂ /CO ₂ selectivity. <i>Journal of Materials Chemistry A</i> , 2015, 3, 4722-4728.	5.2	103
11	Monte Carlo simulations of antibody adsorption and orientation on charged surfaces. <i>Journal of Chemical Physics</i> , 2004, 121, 1050-1057.	1.2	100
12	High-throughput computational screening of 137953 metal-organic frameworks for membrane separation of a CO ₂ /N ₂ /CH ₄ mixture. <i>Journal of Materials Chemistry A</i> , 2016, 4, 15904-15912.	5.2	99
13	Noble Gas Adsorption in Copper Trimesate, HKUST-1: An Experimental and Computational Study. <i>Journal of Physical Chemistry C</i> , 2013, 117, 20116-20126.	1.5	92
14	Prediction of diffusion coefficients for gas, liquid and supercritical fluid: application to pure real fluids and infinite dilute binary solutions based on the simulation of Lennard-Jones fluid. <i>Fluid Phase Equilibria</i> , 2002, 194-197, 1141-1159.	1.4	83
15	Peptide Folding Using Multiscale Coarse-Grained Models. <i>Journal of Physical Chemistry B</i> , 2008, 112, 13079-13090.	1.2	83
16	Parallel tempering Monte Carlo simulations of lysozyme orientation on charged surfaces. <i>Journal of Chemical Physics</i> , 2010, 132, 065101.	1.2	82
17	Probing carbon nanotube-amino acid interactions in aqueous solution with molecular dynamics simulations. <i>Carbon</i> , 2014, 78, 500-509.	5.4	78
18	Lipase adsorption on different nanomaterials: a multi-scale simulation study. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 840-850.	1.3	78

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19	Molecular simulation study of temperature effect on ionic hydration in carbon nanotubes. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 1896.	1.3	76
20	Design of amine-functionalized metal-organic frameworks for CO ₂ separation: the more amine, the better?. <i>Chemical Communications</i> , 2016, 52, 974-977.	2.2	76
21	Adsorption of Hydrophobin on Different Self-Assembled Monolayers: The Role of the Hydrophobic Dipole and the Electric Dipole. <i>Langmuir</i> , 2014, 30, 11401-11411.	1.6	68
22	Phase Behavior of Mixed Self-Assembled Monolayers of Alkanethiols on Au(111): A Configurational-Bias Monte Carlo Simulation Study. <i>Langmuir</i> , 2001, 17, 7566-7572.	1.6	67
23	Mesoscopic Coarse-Grained Simulations of Lysozyme Adsorption. <i>Journal of Physical Chemistry B</i> , 2014, 118, 4451-4460.	1.2	66
24	Multiscale modeling and simulations of protein adsorption: progresses and perspectives. <i>Current Opinion in Colloid and Interface Science</i> , 2019, 41, 74-85.	3.4	65
25	Ferroelectric Ordering in Ice Nanotubes Confined in Carbon Nanotubes. <i>Nano Letters</i> , 2008, 8, 2607-2612.	4.5	64
26	Ice-like Water Structure in Carbon Nanotube (8,8) Induces Cationic Hydration Enhancement. <i>Journal of Physical Chemistry C</i> , 2013, 117, 11412-11420.	1.5	64
27	Effect of composition on the formation of poly(DL-lactide) microspheres for drug delivery systems: Mesoscale simulations. <i>Chemical Engineering Journal</i> , 2007, 131, 195-201.	6.6	63
28	Adsorption and Diffusion of Supercritical Carbon Dioxide in Slit Pores. <i>Langmuir</i> , 2000, 16, 8063-8070.	1.6	61
29	Diffusion of water molecules confined in slits of rutile TiO ₂ (110) and graphite(0001). <i>Fluid Phase Equilibria</i> , 2011, 302, 316-320.	1.4	59
30	Selective Adsorption of Light Alkanes on a Highly Robust Indium Based Metal-Organic Framework. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 4488-4495.	1.8	59
31	Effects of external electric fields on lysozyme adsorption by molecular dynamics simulations. <i>Biophysical Chemistry</i> , 2013, 179, 26-34.	1.5	58
32	Unusual Moisture-Enhanced CO ₂ Capture within Microporous PCN-250 Frameworks. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 38638-38647.	4.0	57
33	Understanding the curvature effect of silica nanoparticles on lysozyme adsorption orientation and conformation: a mesoscopic coarse-grained simulation study. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 23500-23507.	1.3	56
34	Multiscale Simulations of Protein G B1 Adsorbed on Charged Self-Assembled Monolayers. <i>Langmuir</i> , 2013, 29, 11366-11374.	1.6	54
35	Molecular Understanding of the Penetration of Functionalized Gold Nanoparticles into Asymmetric Membranes. <i>Langmuir</i> , 2017, 33, 361-371.	1.6	51
36	Molecular simulations on nanoconfined water molecule behaviors for nanoporous material applications. <i>Microfluidics and Nanofluidics</i> , 2013, 15, 191-205.	1.0	49

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37	Computer simulations of fibronectin adsorption on hydroxyapatite surfaces. RSC Advances, 2014, 4, 15759.	1.7	49
38	Molecular Dynamics Study on Diameter Effect in Structure of Ethanol Molecules Confined in Single-Walled Carbon Nanotubes. Journal of Physical Chemistry C, 2007, 111, 15677-15685.	1.5	48
39	Molecular dynamics simulations of peptide adsorption on self-assembled monolayers. Applied Surface Science, 2012, 258, 8153-8159.	3.1	48
40	Replica-Exchange Molecular Dynamics Simulation of Basic Fibroblast Growth Factor Adsorption on Hydroxyapatite. Journal of Physical Chemistry B, 2014, 118, 5843-5852.	1.2	48
41	Molecular dynamics simulations of conformation changes of HIV-1 regulatory protein on graphene. Applied Surface Science, 2016, 377, 324-334.	3.1	48
42	Ribonuclease A adsorption onto charged self-assembled monolayers: A multiscale simulation study. Chemical Engineering Science, 2015, 121, 331-339.	1.9	45
43	Protein Translocation through a MoS ₂ Nanopore: A Molecular Dynamics Study. Journal of Physical Chemistry C, 2018, 122, 2070-2080.	1.5	45
44	Effect of water content on microstructures and oxygen permeation in PSiMA-IPN-PMPC hydrogel: a molecular simulation study. Chemical Engineering Science, 2012, 78, 236-245.	1.9	44
45	Molecular dynamics simulations on the melting of gold nanoparticles. Phase Transitions, 2014, 87, 59-70.	0.6	42
46	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.	2.5	41
47	Self-assembled core-shell and Janus microphase separated structures of polymer blends in aqueous solution. Journal of Chemical Physics, 2013, 139, 084907.	1.2	40
48	Simulation insight into the cytochrome c adsorption on graphene and graphene oxide surfaces. Applied Surface Science, 2018, 428, 825-834.	3.1	39
49	Molecular dynamics investigation on the infinite dilute diffusion coefficients of organic compounds in supercritical carbon dioxide. Fluid Phase Equilibria, 2000, 172, 279-291.	1.4	37
50	Molecular Understanding on the Underwater Oleophobicity of Self-Assembled Monolayers: Zwitterionic versus Nonionic. Langmuir, 2017, 33, 1732-1741.	1.6	37
51	Highly Efficient Enzymatic Acylation of Dihydromyricetin by the Immobilized Lipase with Deep Eutectic Solvents as Cosolvent. Journal of Agricultural and Food Chemistry, 2017, 65, 2084-2088.	2.4	37
52	Influence of hydrogen bonds and double bonds on the alkane and alkene derivatives self-assembled monolayers on HOPG surface: STM observation and computer simulation. Applied Surface Science, 2010, 256, 4647-4655.	3.1	36
53	Electric-Field Effects on Ionic Hydration: A Molecular Dynamics Study. Journal of Physical Chemistry B, 2018, 122, 5991-5998.	1.2	36
54	Solvent-Responsive Behavior of Polymer-Brush-Modified Amphiphilic Gold Nanoparticles. Macromolecular Theory and Simulations, 2013, 22, 174-186.	0.6	35

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55	Mesoscopic coarse-grained simulations of hydrophobic charge induction chromatography (HCIC) for protein purification. <i>AIChE Journal</i> , 2015, 61, 2035-2047.	1.8	35
56	Electrostatics-mediated β -chymotrypsin inhibition by functionalized single-walled carbon nanotubes. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 986-995.	1.3	35
57	Magnetic ZIF-8/cellulose/Fe ₃ O ₄ nanocomposite: preparation, characterization, and enzyme immobilization. <i>Bioresources and Bioprocessing</i> , 2017, 4, .	2.0	35
58	Computer Simulations on a pH-Responsive Anticancer Drug Delivery System Using Zwitterion-Grafted Polyamidoamine Dendrimer Unimolecular Micelles. <i>Langmuir</i> , 2021, 37, 1225-1234.	1.6	33
59	Bilirubin Oxidase Adsorption onto Charged Self-Assembled Monolayers: Insights from Multiscale Simulations. <i>Langmuir</i> , 2018, 34, 9818-9828.	1.6	32
60	Molecular Simulations of Cytochrome <i>c</i> Adsorption on a Bare Gold Surface: Insights for the Hindrance of Electron Transfer. <i>Journal of Physical Chemistry C</i> , 2015, 119, 20773-20781.	1.5	29
61	Molecular simulations of cytochrome <i>c</i> adsorption on positively charged surfaces: the influence of anion type and concentration. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 9979-9989.	1.3	29
62	Molecular Understanding of Laccase Adsorption on Charged Self-Assembled Monolayers. <i>Journal of Physical Chemistry B</i> , 2017, 121, 10610-10617.	1.2	29
63	Understanding the Cellular Uptake of pH-Responsive Zwitterionic Gold Nanoparticles: A Computer Simulation Study. <i>Langmuir</i> , 2017, 33, 14480-14489.	1.6	29
64	Interfacial microenvironment for lipase immobilization: Regulating the heterogeneity of graphene oxide. <i>Chemical Engineering Journal</i> , 2020, 394, 125038.	6.6	28
65	Ionic Liquid Confined in Nafion: Toward Molecular-Level Understanding. <i>AIChE Journal</i> , 2013, 59, 2630-2639.	1.8	27
66	Lysozyme orientation and conformation on MoS ₂ surface: Insights from molecular simulations. <i>Biointerphases</i> , 2017, 12, 02D416.	0.6	27
67	pH-Responsive Zwitterionic Copolymer DHA- <i>b</i> -PBLG- <i>b</i> -PCB for Targeted Drug Delivery: A Computer Simulation Study. <i>Langmuir</i> , 2019, 35, 1944-1953.	1.6	27
68	Unbinding of the streptavidin-biotin complex by atomic force microscopy: A hybrid simulation study. <i>Journal of Chemical Physics</i> , 2006, 125, 104905.	1.2	26
69	Electrostatic Effect of Functional Surfaces on the Activity of Adsorbed Enzymes: Simulations and Experiments. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 35676-35687.	4.0	26
70	Interfacial and Phase Transfer Behaviors of Polymer Brush Grafted Amphiphilic Nanoparticles: A Computer Simulation Study. <i>Langmuir</i> , 2014, 30, 5599-5608.	1.6	25
71	Structural properties of polymer-brush-grafted gold nanoparticles at the oil-water interface: insights from coarse-grained simulations. <i>Soft Matter</i> , 2016, 12, 3352-3359.	1.2	25
72	Preparation of a Nanobiocatalyst by Efficiently Immobilizing <i>Aspergillus niger</i> Lipase onto Magnetic Metal-Biomolecule Frameworks (BioMOF). <i>ChemCatChem</i> , 2017, 9, 1794-1800.	1.8	25

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73	Multiscale modeling and simulations of responsive polymers. <i>Current Opinion in Chemical Engineering</i> , 2019, 23, 21-33.	3.8	25
74	Simulated revelation of the adsorption behaviours of acetylcholinesterase on charged self-assembled monolayers. <i>Nanoscale</i> , 2020, 12, 3701-3714.	2.8	25
75	Hydrolysis-controlled protein adsorption and antifouling behaviors of mixed charged self-assembled monolayer: A molecular simulation study. <i>Acta Biomaterialia</i> , 2016, 40, 23-30.	4.1	24
76	Molecular simulations of lysozyme adsorption on an electrically responsive mixed self-assembled monolayer. <i>Applied Surface Science</i> , 2020, 506, 144962.	3.1	24
77	Structures and properties of PAMAM dendrimer: A multi-scale simulation study. <i>Fluid Phase Equilibria</i> , 2011, 302, 43-47.	1.4	23
78	Molecular mechanism of HIV-1 TAT peptide and its conjugated gold nanoparticles translocating across lipid membranes. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 10300-10310.	1.3	23
79	A mechanical nanogate based on a carbon nanotube for reversible control of ion conduction. <i>Nanoscale</i> , 2014, 6, 3686-3694.	2.8	22
80	Zwitterionic Membrane via Nonsolvent Induced Phase Separation: A Computer Simulation Study. <i>Langmuir</i> , 2019, 35, 1973-1983.	1.6	22
81	Molecular simulation on the separation of water/ethanol azeotropic mixture by poly(vinyl alcohol) membrane. <i>Fluid Phase Equilibria</i> , 2011, 302, 14-20.	1.4	21
82	Molecular Simulation of Oxygen Sorption and Diffusion in the Poly (lactic acid). <i>Chinese Journal of Chemical Engineering</i> , 2013, 21, 301-309.	1.7	21
83	Molecular Simulation Study of Feruloyl Esterase Adsorption on Charged Surfaces: Effects of Surface Charge Density and Ionic Strength. <i>Langmuir</i> , 2015, 31, 10751-10763.	1.6	21
84	Phase Behavior of an Amphiphilic Block Copolymer in Ionic Liquid: A Dissipative Particle Dynamics Study. <i>Journal of Chemical & Engineering Data</i> , 2016, 61, 3998-4005.	1.0	21
85	Underwater Superoleophobicity of Pseudozwitterionic SAMs: Effects of Chain Length and Ionic Strength. <i>Journal of Physical Chemistry C</i> , 2017, 121, 17390-17401.	1.5	21
86	Unprecedented Wiring Efficiency of Sulfonated Graphitic Carbon Nitride Materials: Toward High-Performance Amperometric Recombinant CotA Laccase Biosensors. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 1474-1484.	3.2	21
87	Mesoscopic simulation studies on the formation mechanism of drug loaded polymeric micelles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 536-544.	2.5	20
88	Computer Simulations on the Channel Membrane Formation by Nonsolvent Induced Phase Separation. <i>Macromolecular Theory and Simulations</i> , 2017, 26, 1700027.	0.6	20
89	Atomistic simulations of the solid-liquid transition of 1-ethyl-3-methyl imidazolium bromide ionic liquid. <i>Journal of Chemical Physics</i> , 2011, 135, 144501.	1.2	19
90	Molecular simulations of myoglobin adsorbed on rutile (110) and (001) surfaces. <i>Fluid Phase Equilibria</i> , 2014, 362, 349-354.	1.4	19

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91	Mesoscopic Structures of Poly(carboxybetaine) Block Copolymer and Poly(ethylene glycol) Block Copolymer in Solutions. <i>Langmuir</i> , 2017, 33, 7575-7582.	1.6	19
92	Catechol and Its Derivatives Adhesion on Graphene: Insights from Molecular Dynamics Simulations. <i>Journal of Physical Chemistry C</i> , 2018, 122, 22965-22974.	1.5	19
93	Computer simulations of the adsorption of an N-terminal peptide of statherin, SN15, and its mutants on hydroxyapatite surfaces. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 9342-9351.	1.3	19
94	Catecholâ€“cation adhesion on silica surfaces: molecular dynamics simulations. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 29222-29231.	1.3	18
95	Hamiltonian replica exchange simulations of glucose oxidase adsorption on charged surfaces. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 14587-14596.	1.3	17
96	Computer Simulation of DNA Condensation by PAMAM Dendrimer. <i>Macromolecular Theory and Simulations</i> , 2018, 27, 1700070.	0.6	17
97	A novel anticaries agent, honokiol-loaded poly(amido amine) dendrimer, for simultaneous long-term antibacterial treatment and remineralization of demineralized enamel. <i>Dental Materials</i> , 2021, 37, 1337-1349.	1.6	16
98	Designing new amine functionalized metal-organic frameworks for carbon dioxide/methane separation. <i>Fluid Phase Equilibria</i> , 2014, 362, 342-348.	1.4	15
99	Molecular fingerprint and machine learning to accelerate design of <sc>highâ€“performance</sc> homochiral metalâ€“organic frameworks. <i>AIChE Journal</i> , 2021, 67, e17352.	1.8	15
100	Computer Simulations on the Anticancer Drug Delivery System of Docetaxel and PLGA-PEG Copolymer. <i>Acta Chimica Sinica</i> , 2012, 70, 2445.	0.5	15
101	Orientation of a Y-shaped biomolecule adsorbed on a charged surface. <i>Physical Review E</i> , 2002, 66, 011911.	0.8	14
102	Communication: Molecular dynamics simulations of the interfacial structure of alkali metal fluoride solutions. <i>Journal of Chemical Physics</i> , 2010, 133, 061103.	1.2	14
103	Advanced Monte Carlo simulations of the adsorption of chiral alcohols in a homochiral metalâ€“organic framework. <i>AIChE Journal</i> , 2014, 60, 2324-2334.	1.8	14
104	Solvent-responsiveness of PSâ€“PEO binary mixed polymer brushes: a coarse-grained molecular dynamics study. <i>Molecular Simulation</i> , 2017, 43, 1322-1330.	0.9	14
105	Molecular simulations on the hydration and underwater oleophobicity of zwitterionic selfâ€“assembled monolayers. <i>AIChE Journal</i> , 2021, 67, e17103.	1.8	14
106	Homoporous polymer membrane via forced surface segregation: A computer simulation study. <i>Chemical Engineering Science</i> , 2018, 191, 490-499.	1.9	13
107	Enzymatic characterization of a recombinant carbonyl reductase from <i>Acetobacter</i> sp. CCTCC M209061. <i>Bioresources and Bioprocessing</i> , 2017, 4, 39.	2.0	12
108	A molecular level performance manipulation of thermal conductivity and moisture diffusivity through a composite membrane considering interfacial resistance. <i>Journal of Membrane Science</i> , 2019, 583, 231-247.	4.1	12

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109	Computer simulations on double hydrophobic PS-b-PMMA porous membrane by non-solvent induced phase separation. <i>Fluid Phase Equilibria</i> , 2020, 523, 112784.	1.4	12
110	The application of poly(methyl methacrylate-co-butyl acrylate-co-styrene) in reinforcing fragile papers: experiments and computer simulations. <i>Cellulose</i> , 2017, 24, 5157-5171.	2.4	11
111	Molecular simulations of charged complex fluids: A review. <i>Chinese Journal of Chemical Engineering</i> , 2021, 31, 206-226.	1.7	11
112	Two-dimensional self-assembly of esters with different configurations at the liquid–solid interface. <i>Applied Surface Science</i> , 2011, 257, 4559-4565.	3.1	10
113	Simulation Insight into the Synergic Role of Citrate and Polyaspartic Peptide in Biomineralization. <i>Langmuir</i> , 2021, 37, 3410-3419.	1.6	10
114	Computer simulation of zwitterionic polymer brush grafted silica nanoparticles to modify polyvinylidene fluoride membrane. <i>Journal of Colloid and Interface Science</i> , 2021, 587, 173-182.	5.0	10
115	Simulated preparation and hydration property of a new-generation zwitterionic modified PVDF membrane. <i>Journal of Membrane Science</i> , 2022, 652, 120498.	4.1	10
116	Orientation and Conformation of Hydrophobin at the Oil–Water Interface: Insights from Molecular Dynamics Simulations. <i>Langmuir</i> , 2022, 38, 6191-6200.	1.6	9
117	Lysozyme Adsorption on Porous Organic Cages: A Molecular Simulation Study. <i>Langmuir</i> , 2020, 36, 12299-12308.	1.6	8
118	Lysozyme Adsorption on Different Functionalized MXenes: A Multiscale Simulation Study. <i>Langmuir</i> , 2021, 37, 5932-5942.	1.6	6
119	A coarse-grained simulation of heat and mass transfer through a graphene oxide-based composite membrane. <i>Chemical Engineering Science</i> , 2021, 243, 116692.	1.9	6
120	Molecular understanding of acetylcholinesterase adsorption on functionalized carbon nanotubes for enzymatic biosensors. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 2866-2878.	1.3	6
121	Dual-responsive zwitterion-modified nanopores: a mesoscopic simulation study. <i>Journal of Materials Chemistry B</i> , 2022, 10, 2740-2749.	2.9	6
122	Modulating the Adsorption Orientation of Methionine-rich Laccase by Tailoring the Surface Chemistry of Single-walled Carbon Nanotubes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, , 112660.	2.5	5
123	Molecular Thin Films on Solid Surfaces: Mechanisms of Melting. <i>Langmuir</i> , 2012, 28, 7382-7392.	1.6	4
124	Effect of Topology of Hydrophobic Surfaces on Their Wetting States by Coarse-grained Simulations. <i>Acta Chimica Sinica</i> , 2014, 72, 1075.	0.5	4
125	The interplay between surface-functionalized gold nanoparticles and negatively charged lipid vesicles. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 23526-23536.	1.3	4
126	Mesoscopic Structure of Nafion-Ionic Liquid Membrane Using Dissipative Particle Dynamics Simulations. <i>Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica</i> , 2016, 32, 1649-1657.	2.2	3

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127	Computer simulations of underwater oil adhesion of self-assembled monolayers on Au (111). <i>Molecular Simulation</i> , 2020, 46, 713-720.	0.9	3
128	Replica Exchange Molecular Dynamics Simulations on the Folding of Trpzip4 $\hat{\text{I}}^2$ -Hairpin. <i>Acta Chimica Sinica</i> , 2013, 71, 593.	0.5	3
129	ACAP1 assembles into an unusual protein lattice for membrane deformation through multiple stages. <i>PLoS Computational Biology</i> , 2019, 15, e1007081.	1.5	2
130	Crystallization of Sodium Bicarbonate in the Presence of Trace Amounts of HPMA. <i>ChemistrySelect</i> , 2021, 6, 2184-2188.	0.7	2
131	Computer Simulations of Fibronectin Adsorption on Graphene Modified Titanium Dioxide Surfaces. <i>Acta Chimica Sinica</i> , 2014, 72, 401.	0.5	2
132	Surface Structure and Interaction of Surface/Interface Probed by Mesoscale Simulations and Experiments. <i>Advances in Chemical Engineering</i> , 2015, 47, 85-162.	0.5	1
133	Simulated synthesis of silica nanowires by lyotropic liquid crystal template method. <i>Molecular Simulation</i> , 0, , 1-11.	0.9	0