

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

130 papers	4,309 citations	37 h-index	59 g-index
136 ext. papers	4,960 ext. citations	4.6 avg, IF	5.92 L-index

#	Paper	IF	Citations
130	Dual-responsive zwitterion-modified nanopores: a mesoscopic simulation study.. <i>Journal of Materials Chemistry B</i> , <b>2022</b> ,	7.3	1
129	Simulated preparation and hydration property of a new-generation zwitterionic modified PVDF membrane. <i>Journal of Membrane Science</i> , <b>2022</b> , 652, 120498	9.6	1
128	The interplay between surface-functionalized gold nanoparticles and negatively charged lipid vesicles. <i>Physical Chemistry Chemical Physics</i> , <b>2021</b> , 23, 23526-23536	3.6	0
127	Simulation Insight into the Synergic Role of Citrate and Polyaspartic Peptide in Biomineralization. <i>Langmuir</i> , <b>2021</b> , 37, 3410-3419	4	3
126	Molecular simulations of charged complex fluids: A review. <i>Chinese Journal of Chemical Engineering</i> , <b>2021</b> , 31, 206-226	3.2	4
125	Computer simulation of zwitterionic polymer brush grafted silica nanoparticles to modify polyvinylidene fluoride membrane. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 587, 173-182	9.3	4
124	Lysozyme Adsorption on Different Functionalized MXenes: A Multiscale Simulation Study. <i>Langmuir</i> , <b>2021</b> , 37, 5932-5942	4	0
123	Molecular fingerprint and machine learning to accelerate design of high-performance homochiral metal-organic frameworks. <i>AIChE Journal</i> , <b>2021</b> , 67, e17352	3.6	2
122	Molecular simulations on the hydration and underwater oleophobicity of zwitterionic self-assembled monolayers. <i>AIChE Journal</i> , <b>2021</b> , 67, e17103	3.6	6
121	Crystallization of Sodium Bicarbonate in the Presence of Trace Amounts of HPMA. <i>ChemistrySelect</i> , <b>2021</b> , 6, 2184-2188	1.8	0
120	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> , <b>2021</b> , 37, 1337-1349	5.7	2
119	A coarse-grained simulation of heat and mass transfer through a graphene oxide-based composite membrane. <i>Chemical Engineering Science</i> , <b>2021</b> , 243, 116692	4.4	5
118	Computer Simulations on a pH-Responsive Anticancer Drug Delivery System Using Zwitterion-Grafted Polyamidoamine Dendrimer Unimolecular Micelles. <i>Langmuir</i> , <b>2021</b> , 37, 1225-1234	4	12
117	Interfacial microenvironment for lipase immobilization: Regulating the heterogeneity of graphene oxide. <i>Chemical Engineering Journal</i> , <b>2020</b> , 394, 125038	14.7	8
116	Simulated revelation of the adsorption behaviours of acetylcholinesterase on charged self-assembled monolayers. <i>Nanoscale</i> , <b>2020</b> , 12, 3701-3714	7.7	10
115	Molecular simulations of lysozyme adsorption on an electrically responsive mixed self-assembled monolayer. <i>Applied Surface Science</i> , <b>2020</b> , 506, 144962	6.7	15
114	Lysozyme Adsorption on Porous Organic Cages: A Molecular Simulation Study. <i>Langmuir</i> , <b>2020</b> , 36, 12294-12308	4.1	5

113	Electrostatic Effect of Functional Surfaces on the Activity of Adsorbed Enzymes: Simulations and Experiments. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 35676-35687	9.5	6
112	Computer simulations on double hydrophobic PS-b-PMMA porous membrane by non-solvent induced phase separation. <i>Fluid Phase Equilibria</i> , <b>2020</b> , 523, 112784	2.5	5
111	Computer simulations of underwater oil adhesion of self-assembled monolayers on Au (111). <i>Molecular Simulation</i> , <b>2020</b> , 46, 713-720	2	3
110	A molecular level performance manipulation of thermal conductivity and moisture diffusivity through a composite membrane considering interfacial resistance. <i>Journal of Membrane Science</i> , <b>2019</b> , 583, 231-247	9.6	5
109	Molecular mechanism of HIV-1 TAT peptide and its conjugated gold nanoparticles translocating across lipid membranes. <i>Physical Chemistry Chemical Physics</i> , <b>2019</b> , 21, 10300-10310	3.6	13
108	Multiscale modeling and simulations of responsive polymers. <i>Current Opinion in Chemical Engineering</i> , <b>2019</b> , 23, 21-33	5.4	16
107	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> , <b>2019</b> , 21, 9342-9351	3.6	12
106	Zwitterionic Membrane via Nonsolvent Induced Phase Separation: A Computer Simulation Study. <i>Langmuir</i> , <b>2019</b> , 35, 1973-1983	4	17
105	ACAP1 assembles into an unusual protein lattice for membrane deformation through multiple stages. <i>PLoS Computational Biology</i> , <b>2019</b> , 15, e1007081	5	1
104	Unprecedented Wiring Efficiency of Sulfonated Graphitic Carbon Nitride Materials: Toward High-Performance Amperometric Recombinant CotA Laccase Biosensors. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 1474-1484	8.3	15
103	Multiscale modeling and simulations of protein adsorption: progresses and perspectives. <i>Current Opinion in Colloid and Interface Science</i> , <b>2019</b> , 41, 74-85	7.6	30
102	pH-Responsive Zwitterionic Copolymer DHA-PBLG-PCB for Targeted Drug Delivery: A Computer Simulation Study. <i>Langmuir</i> , <b>2019</b> , 35, 1944-1953	4	19
101	Hamiltonian replica exchange simulations of glucose oxidase adsorption on charged surfaces. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 14587-14596	3.6	13
100	Computer Simulation of DNA Condensation by PAMAM Dendrimer. <i>Macromolecular Theory and Simulations</i> , <b>2018</b> , 27, 1700070	1.5	13
99	Protein Translocation through a MoS <sub>2</sub> Nanopore: A Molecular Dynamics Study. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 2070-2080	3.8	32
98	Simulation insight into the cytochrome c adsorption on graphene and graphene oxide surfaces. <i>Applied Surface Science</i> , <b>2018</b> , 428, 825-834	6.7	25
97	An ethane-trapping MOF PCN-250 for highly selective adsorption of ethane over ethylene. <i>Chemical Engineering Science</i> , <b>2018</b> , 175, 110-117	4.4	125
96	Homoporous polymer membrane via forced surface segregation: A computer simulation study. <i>Chemical Engineering Science</i> , <b>2018</b> , 191, 490-499	4.4	9

95	Electric-Field Effects on Ionic Hydration: A Molecular Dynamics Study. <i>Journal of Physical Chemistry B</i> , <b>2018</b> , 122, 5991-5998	3.4	18
94	Bilirubin Oxidase Adsorption onto Charged Self-Assembled Monolayers: Insights from Multiscale Simulations. <i>Langmuir</i> , <b>2018</b> , 34, 9818-9828	4	20
93	Catechol and Its Derivatives Adhesion on Graphene: Insights from Molecular Dynamics Simulations. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 22965-22974	3.8	10
92	Unusual Moisture-Enhanced CO Capture within Microporous PCN-250 Frameworks. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 38638-38647	9.5	33
91	Computer simulations on the pH-sensitive tri-block copolymer containing zwitterionic sulfobetaine as a novel anti-cancer drug carrier. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2017</b> , 152, 260-268	6	37
90	Molecular Understanding on the Underwater Oleophobicity of Self-Assembled Monolayers: Zwitterionic versus Nonionic. <i>Langmuir</i> , <b>2017</b> , 33, 1732-1741	4	31
89	Highly Efficient Enzymatic Acylation of Dihydromyricetin by the Immobilized Lipase with Deep Eutectic Solvents as Cosolvent. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 2084-2088	5.7	26
88	Preparation of a Nanobiocatalyst by Efficiently Immobilizing <i>Aspergillus niger</i> Lipase onto Magnetic Metal-Biomolecule Frameworks (BioMOF). <i>ChemCatChem</i> , <b>2017</b> , 9, 1794-1800	5.2	17
87	Selective Adsorption of Light Alkanes on a Highly Robust Indium Based Metal-Organic Framework. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2017</b> , 56, 4488-4495	3.9	36
86	Enzymatic characterization of a recombinant carbonyl reductase from sp. CCTCC M209061. <i>Bioresources and Bioprocessing</i> , <b>2017</b> , 4, 39	5.2	10
85	Catechol-cation adhesion on silica surfaces: molecular dynamics simulations. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 29222-29231	3.6	14
84	The application of poly(methyl methacrylate-co-butyl acrylate-co-styrene) in reinforcing fragile papers: experiments and computer simulations. <i>Cellulose</i> , <b>2017</b> , 24, 5157-5171	5.5	9
83	Computer Simulations on the Channel Membrane Formation by Nonsolvent Induced Phase Separation. <i>Macromolecular Theory and Simulations</i> , <b>2017</b> , 26, 1700027	1.5	14
82	Lysozyme orientation and conformation on MoS surface: Insights from molecular simulations. <i>Biointerphases</i> , <b>2017</b> , 12, 02D416	1.8	22
81	Solvent-responsiveness of PS-PEO binary mixed polymer brushes: a coarse-grained molecular dynamics study. <i>Molecular Simulation</i> , <b>2017</b> , 43, 1322-1330	2	11
80	Underwater Superoleophobicity of Pseudozwitterionic SAMs: Effects of Chain Length and Ionic Strength. <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 17390-17401	3.8	16
79	Molecular Understanding of Laccase Adsorption on Charged Self-Assembled Monolayers. <i>Journal of Physical Chemistry B</i> , <b>2017</b> , 121, 10610-10617	3.4	20
78	Understanding the Cellular Uptake of pH-Responsive Zwitterionic Gold Nanoparticles: A Computer Simulation Study. <i>Langmuir</i> , <b>2017</b> , 33, 14480-14489	4	20

77	Mesoscopic Structures of Poly(carboxybetaine) Block Copolymer and Poly(ethylene glycol) Block Copolymer in Solutions. <i>Langmuir</i> , <b>2017</b> , 33, 7575-7582	4	17
76	Molecular Understanding of the Penetration of Functionalized Gold Nanoparticles into Asymmetric Membranes. <i>Langmuir</i> , <b>2017</b> , 33, 361-371	4	38
75	Electrostatics-mediated $\alpha$ -chymotrypsin inhibition by functionalized single-walled carbon nanotubes. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 986-995	3.6	24
74	Magnetic ZIF-8/cellulose/Fe <sub>3</sub> O <sub>4</sub> nanocomposite: preparation, characterization, and enzyme immobilization. <i>Bioresources and Bioprocessing</i> , <b>2017</b> , 4,	5.2	27
73	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> , <b>2016</b> , 18, 23500-7	3.6	40
72	Phase Behavior of an Amphiphilic Block Copolymer in Ionic Liquid: A Dissipative Particle Dynamics Study. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2016</b> , 61, 3998-4005	2.8	17
71	Hydrolysis-controlled protein adsorption and antifouling behaviors of mixed charged self-assembled monolayer: A molecular simulation study. <i>Acta Biomaterialia</i> , <b>2016</b> , 40, 23-30	10.8	18
70	Structural properties of polymer-brush-grafted gold nanoparticles at the oil-water interface: insights from coarse-grained simulations. <i>Soft Matter</i> , <b>2016</b> , 12, 3352-9	3.6	21
69	Molecular simulations of cytochrome c adsorption on positively charged surfaces: the influence of anion type and concentration. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 9979-89	3.6	22
68	Design of amine-functionalized metal-organic frameworks for CO <sub>2</sub> separation: the more amine, the better?. <i>Chemical Communications</i> , <b>2016</b> , 52, 974-7	5.8	62
67	Mesoscopic Structure of Nafion-Ionic Liquid Membrane Using Dissipative Particle Dynamics Simulations. <i>Wuli Huaxue Xuebao/Acta Physico - Chimica Sinica</i> , <b>2016</b> , 32, 1649-1657	3.8	3
66	Molecular dynamics simulations of conformation changes of HIV-1 regulatory protein on graphene. <i>Applied Surface Science</i> , <b>2016</b> , 377, 324-334	6.7	34
65	High-throughput computational screening of 137953 metal-organic frameworks for membrane separation of a CO <sub>2</sub> /N <sub>2</sub> /CH <sub>4</sub> mixture. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 15904-15912	13	70
64	Molecular simulation study of feruloyl esterase adsorption on charged surfaces: effects of surface charge density and ionic strength. <i>Langmuir</i> , <b>2015</b> , 31, 10751-63	4	18
63	Molecular Simulations of Cytochrome c Adsorption on a Bare Gold Surface: Insights for the Hindrance of Electron Transfer. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 20773-20781	3.8	23
62	Mesoscopic simulation studies on the formation mechanism of drug loaded polymeric micelles. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2015</b> , 136, 536-44	6	18
61	Lipase adsorption on different nanomaterials: a multi-scale simulation study. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 840-50	3.6	60
60	Surface Structure and Interaction of Surface/Interface Probed by Mesoscale Simulations and Experiments. <i>Advances in Chemical Engineering</i> , <b>2015</b> , 47, 85-162	0.6	1

59	Mesoscopic coarse-grained simulations of hydrophobic charge induction chromatography (HCIC) for protein purification. <i>AIChE Journal</i> , <b>2015</b> , 61, 2035-2047	3.6	28
58	Ribonuclease A adsorption onto charged self-assembled monolayers: A multiscale simulation study. <i>Chemical Engineering Science</i> , <b>2015</b> , 121, 331-339	4.4	34
57	Polydopamine-based synthesis of a zeolite imidazolate framework ZIF-100 membrane with high H <sub>2</sub> /CO <sub>2</sub> selectivity. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 4722-4728	13	82
56	Designing new amine functionalized metal-organic frameworks for carbon dioxide/methane separation. <i>Fluid Phase Equilibria</i> , <b>2014</b> , 362, 342-348	2.5	13
55	A mechanical nanogate based on a carbon nanotube for reversible control of ion conduction. <i>Nanoscale</i> , <b>2014</b> , 6, 3686-94	7.7	19
54	Computer simulations of fibronectin adsorption on hydroxyapatite surfaces. <i>RSC Advances</i> , <b>2014</b> , 4, 15759	3.7	41
53	Interfacial and phase transfer behaviors of polymer brush grafted amphiphilic nanoparticles: a computer simulation study. <i>Langmuir</i> , <b>2014</b> , 30, 5599-608	4	25
52	Replica-exchange molecular dynamics simulation of basic fibroblast growth factor adsorption on hydroxyapatite. <i>Journal of Physical Chemistry B</i> , <b>2014</b> , 118, 5843-52	3.4	37
51	Probing carbon nanotube–amino acid interactions in aqueous solution with molecular dynamics simulations. <i>Carbon</i> , <b>2014</b> , 78, 500-509	10.4	66
50	Mesoscopic coarse-grained simulations of lysozyme adsorption. <i>Journal of Physical Chemistry B</i> , <b>2014</b> , 118, 4451-60	3.4	52
49	Adsorption of hydrophobin on different self-assembled monolayers: the role of the hydrophobic dipole and the electric dipole. <i>Langmuir</i> , <b>2014</b> , 30, 11401-11	4	56
48	Molecular simulations of myoglobin adsorbed on rutile (1 1 0) and (0 0 1) surfaces. <i>Fluid Phase Equilibria</i> , <b>2014</b> , 362, 349-354	2.5	16
47	Molecular dynamics simulations on the melting of gold nanoparticles. <i>Phase Transitions</i> , <b>2014</b> , 87, 59-70	1.3	30
46	Advanced Monte Carlo simulations of the adsorption of chiral alcohols in a homochiral metal-organic framework. <i>AIChE Journal</i> , <b>2014</b> , 60, 2324-2334	3.6	13
45	Computer Simulations of Fibronectin Adsorption on Graphene Modified Titanium Dioxide Surfaces. <i>Acta Chimica Sinica</i> , <b>2014</b> , 72, 401	3.3	2
44	Effect of Topology of Hydrophobic Surfaces on Their Wetting States by Coarse-grained Simulations. <i>Acta Chimica Sinica</i> , <b>2014</b> , 72, 1075	3.3	4
43	Self-assembled core-shell and Janus microphase separated structures of polymer blends in aqueous solution. <i>Journal of Chemical Physics</i> , <b>2013</b> , 139, 084907	3.9	32
42	Multiscale simulations of protein G B1 adsorbed on charged self-assembled monolayers. <i>Langmuir</i> , <b>2013</b> , 29, 11366-74	4	47

41	Effects of external electric fields on lysozyme adsorption by molecular dynamics simulations. <i>Biophysical Chemistry</i> , <b>2013</b> , 179, 26-34	3.5	46
40	Bioinspired graphene nanopores with voltage-tunable ion selectivity for Na(+) and K(+). <i>ACS Nano</i> , <b>2013</b> , 7, 10148-57	16.7	153
39	Molecular simulations on nanoconfined water molecule behaviors for nanoporous material applications. <i>Microfluidics and Nanofluidics</i> , <b>2013</b> , 15, 191-205	2.8	39
38	Ionic Liquid Confined in Nafion: Toward Molecular-Level Understanding. <i>AIChE Journal</i> , <b>2013</b> , 59, 2630-2639	5.39	23
37	Molecular Simulation of Oxygen Sorption and Diffusion in the Poly (lactic acid). <i>Chinese Journal of Chemical Engineering</i> , <b>2013</b> , 21, 301-309	3.2	17
36	Ice-like Water Structure in Carbon Nanotube (8,8) Induces Cationic Hydration Enhancement. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 11412-11420	3.8	49
35	Solvent-Responsive Behavior of Polymer-Brush-Modified Amphiphilic Gold Nanoparticles. <i>Macromolecular Theory and Simulations</i> , <b>2013</b> , 22, 174-186	1.5	30
34	Noble Gas Adsorption in Copper Trimesate, HKUST-1: An Experimental and Computational Study. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 20116-20126	3.8	80
33	Replica Exchange Molecular Dynamics Simulations on the Folding of Trpzip4 Hairpin. <i>Acta Chimica Sinica</i> , <b>2013</b> , 71, 593	3.3	3
32	Molecular thin films on solid surfaces: mechanisms of melting. <i>Langmuir</i> , <b>2012</b> , 28, 7382-92	4	4
31	Molecular dynamics simulations of peptide adsorption on self-assembled monolayers. <i>Applied Surface Science</i> , <b>2012</b> , 258, 8153-8159	6.7	38
30	Effect of water content on microstructures and oxygen permeation in PSMA/PNIPAA/PMPC hydrogel: a molecular simulation study. <i>Chemical Engineering Science</i> , <b>2012</b> , 78, 236-245	4.4	37
29	Computer Simulations on the Anticancer Drug Delivery System of Docetaxel and PLGA-PEG Copolymer. <i>Acta Chimica Sinica</i> , <b>2012</b> , 70, 2445	3.3	14
28	Diffusion of water molecules confined in slits of rutile TiO <sub>2</sub> (1 1 0) and graphite(0 0 0 1). <i>Fluid Phase Equilibria</i> , <b>2011</b> , 302, 316-320	2.5	54
27	Structures and properties of PAMAM dendrimer: A multi-scale simulation study. <i>Fluid Phase Equilibria</i> , <b>2011</b> , 302, 43-47	2.5	21
26	Molecular simulation on the separation of water/ethanol azeotropic mixture by poly(vinyl alcohol) membrane. <i>Fluid Phase Equilibria</i> , <b>2011</b> , 302, 14-20	2.5	19
25	Two-dimensional self-assembly of esters with different configurations at the liquid/solid interface. <i>Applied Surface Science</i> , <b>2011</b> , 257, 4559-4565	6.7	8
24	Atomistic simulations of the solid-liquid transition of 1-ethyl-3-methyl imidazolium bromide ionic liquid. <i>Journal of Chemical Physics</i> , <b>2011</b> , 135, 144501	3.9	18



23	Communication: Molecular dynamics simulations of the interfacial structure of alkali metal fluoride solutions. <i>Journal of Chemical Physics</i> , <b>2010</b> , 133, 061103	3.9	14
22	Parallel tempering Monte Carlo simulations of lysozyme orientation on charged surfaces. <i>Journal of Chemical Physics</i> , <b>2010</b> , 132, 065101	3.9	70
21	Influence of hydrogen bonds and double bonds on the alkane and alkene derivatives self-assembled monolayers on HOPG surface: STM observation and computer simulation. <i>Applied Surface Science</i> , <b>2010</b> , 256, 4647-4655	6.7	34
20	Anomalous hydration shell order of Na <sup>+</sup> and K <sup>+</sup> inside carbon nanotubes. <i>Nano Letters</i> , <b>2009</b> , 9, 989-94	11.5	99
19	Peptide folding using multiscale coarse-grained models. <i>Journal of Physical Chemistry B</i> , <b>2008</b> , 112, 13079-90	9.40	79
18	Molecular simulation study of temperature effect on ionic hydration in carbon nanotubes. <i>Physical Chemistry Chemical Physics</i> , <b>2008</b> , 10, 1896-906	3.6	70
17	Ferroelectric ordering in ice nanotubes confined in carbon nanotubes. <i>Nano Letters</i> , <b>2008</b> , 8, 2607-12	11.5	60
16	Molecular Dynamics Study on Diameter Effect in Structure of Ethanol Molecules Confined in Single-Walled Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 15677-15685	3.8	46
15	Coarse-grained peptide modeling using a systematic multiscale approach. <i>Biophysical Journal</i> , <b>2007</b> , 92, 4289-303	2.9	160
14	Effect of composition on the formation of poly(dl-lactide) microspheres for drug delivery systems: Mesoscale simulations. <i>Chemical Engineering Journal</i> , <b>2007</b> , 131, 195-201	14.7	60
13	Unbinding of the streptavidin-biotin complex by atomic force microscopy: a hybrid simulation study. <i>Journal of Chemical Physics</i> , <b>2006</b> , 125, 104905	3.9	25
12	Monte Carlo simulations of antibody adsorption and orientation on charged surfaces. <i>Journal of Chemical Physics</i> , <b>2004</b> , 121, 1050-7	3.9	84
11	Diameter and helicity effects on static properties of water molecules confined in carbon nanotubes. <i>Physical Chemistry Chemical Physics</i> , <b>2004</b> , 6, 829	3.6	131
10	Molecular Simulation Studies of the Orientation and Conformation of Cytochrome c Adsorbed on Self-Assembled Monolayers. <i>Journal of Physical Chemistry B</i> , <b>2004</b> , 108, 17418-17424	3.4	132
9	Controlling Antibody Orientation on Charged Self-Assembled Monolayers. <i>Langmuir</i> , <b>2003</b> , 19, 2859-2864	4	209
8	Orientation of Adsorbed Antibodies on Charged Surfaces by Computer Simulation Based on a United-Residue Model. <i>Langmuir</i> , <b>2003</b> , 19, 3472-3478	4	116
7	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> , <b>2002</b> , 194-197, 1141-1159	2.5	65
6	Molecular dynamics study on ionic hydration. <i>Fluid Phase Equilibria</i> , <b>2002</b> , 194-197, 257-270	2.5	129



5	Orientation of a Y-shaped biomolecule adsorbed on a charged surface. <i>Physical Review E</i> , <b>2002</b> , 66, 011911	14	13
4	Phase Behavior of Mixed Self-Assembled Monolayers of Alkanethiols on Au(111): A Configurational-Bias Monte Carlo Simulation Study. <i>Langmuir</i> , <b>2001</b> , 17, 7566-7572	4	63
3	Molecular dynamics investigation on the infinite dilute diffusion coefficients of organic compounds in supercritical carbon dioxide. <i>Fluid Phase Equilibria</i> , <b>2000</b> , 172, 279-291	2.5	33
2	Adsorption and Diffusion of Supercritical Carbon Dioxide in Slit Pores. <i>Langmuir</i> , <b>2000</b> , 16, 8063-8070	4	53
1	Simulated synthesis of silica nanowires by lyotropic liquid crystal template method. <i>Molecular Simulation</i> , 1-11	2	