Shiling Yuan

List of Publications by Year
in descending order

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136 papers	2,973 citations	218677 26 h-index	214800 47 g-index
137 all docs	137 docs citations	137 times ranked	3477 citing authors

#	Article	IF	Citations
1	A Robust Polyionized Hydrogel with an Unprecedented Underwater Antiâ€Crudeâ€Oilâ€Adhesion Property. Advanced Materials, 2016, 28, 5307-5314.	21.0	346
2	Self-Assembled Minimalist Multifunctional Theranostic Nanoplatform for Magnetic Resonance Imaging-Guided Tumor Photodynamic Therapy. ACS Nano, 2018, 12, 8266-8276.	14.6	191
3	Molecular Dynamics Simulation: The Behavior of Asphaltene in Crude Oil and at the Oil/Water Interface. Energy & Fuels, 2014, 28, 7368-7376.	5.1	124
4	Mechanism of Oil Detachment from a Silica Surface in Aqueous Surfactant Solutions: Molecular Dynamics Simulations. Journal of Physical Chemistry B, 2012, 116, 2867-2875.	2.6	105
5	Molecular Dynamics Study of Alkyl Benzene Sulfonate at Air/Water Interface: Effect of Inorganic Salts. Journal of Physical Chemistry B, 2010, 114, 5025-5033.	2.6	100
6	pH-Responsive Nanovesicles with Enhanced Emission Co-Assembled by Ag(I) Nanoclusters and Polyethyleneimine as a Superior Sensor for Al³⁺. ACS Applied Materials & Interfaces, 2018, 10, 3955-3963.	8.0	94
7	Molecular Dynamics Study on Aggregating Behavior of Asphaltene and Resin in Emulsified Heavy Oil Droplets with Sodium Dodecyl Sulfate. Energy & Fuels, 2018, 32, 12383-12393.	5.1	68
8	Adsorption of a Polyaromatic Compound on Silica Surfaces from Organic Solvents Studied by Molecular Dynamics Simulation and AFM Imaging. Journal of Physical Chemistry C, 2017, 121, 5020-5028.	3.1	65
9	Ionic Self-Assembly of Polyoxometalateâ€“Dopamine Hybrid Nanoflowers with Excellent Catalytic Activity for Dyes. ACS Sustainable Chemistry and Engineering, 2017, 5, 1358-1367.	6.7	65
10	Photothermally triggered cytosolic drug delivery of glucose functionalized polydopamine nanoparticles in response to tumor microenvironment for the GLUT1-targeting chemo-phototherapy. Journal of Controlled Release, 2020, 317, 232-245.	9.9	63
11	Molecular dynamics studies on monolayer of cetyltrimethylammonium bromide surfactant formed at the air/water interface. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2006, 289, 1-9.	4.7	61
12	Self-assembly of water-soluble silver nanoclusters: superstructure formation and morphological evolution. Nanoscale, 2017, 9, 19191-19200.	5.6	56
13	Molecular Dynamics Simulation of the Oil Detachment Process within Silica Nanopores. Journal of Physical Chemistry C, 2016, 120, 2667-2674.	3.1	55
14	Tunable Aggregation-Induced Emission of Polyoxometalates via Amino Acid-Directed Self-Assembly and Their Application in Detecting Dopamine. Langmuir, 2016, 32, 13736-13745.	3.5	49
15	The properties of asphaltene at the oil-water interface: A molecular dynamics simulation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 515, 34-40.	4.7	45
16	Effect of salt-resistant monomers on viscosity of modified polymers based on the hydrolyzed poly-acrylamide (HPAM): A molecular dynamics study. Journal of Molecular Liquids, 2021, 325, 115161.	4.9	35
17	Influence of functional groups on water splitting in carbon nanodot and graphitic carbon nitride composites: a theoretical mechanism study. Physical Chemistry Chemical Physics, 2017, 19, 4997-5003.	2.8	34
18	Mechanism of oil detachment from hybrid hydrophobic and hydrophilic surface in aqueous solution. Journal of Chemical Physics, 2014, 140, 164702.	3.0	33

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19	Low temperature molecular dynamic simulation of water structure at sylvite crystal surface in saturated solution. Minerals Engineering, 2015, 83, 53-58.	4.3	32
20	Coarse-grained molecular dynamics simulation of self-assembly of polyacrylamide and sodium dodecylsulfate in aqueous solution. Journal of Colloid and Interface Science, 2012, 386, 205-211.	9.4	31
21	Fabrication of Smart pH-Responsive Fluorescent Solid-like Giant Vesicles by Ionic Self-Assembly Strategy. Journal of Physical Chemistry C, 2016, 120, 27533-27540.	3.1	30
22	Mesoscopic Simulation on Phase Behavior of Ternary Copolymeric Solution in the Absence and Presence of Shear. Macromolecules, 2006, 39, 6631-6642.	4.8	29
23	Self-assembled chiral helical nanofibers by amphiphilic dipeptide derived from d - or l -threonine and application as a template for the synthesis of Au and Ag nanoparticles. Journal of Colloid and Interface Science, 2016, 484, 97-106.	9.4	28
24	The effect of betaine on the foam stability: Molecular simulation. Applied Surface Science, 2017, 407, 156-161.	6.1	27
25	Synergistic Adsorption of Polyaromatic Compounds on Silica Surfaces Studied by Molecular Dynamics Simulation. Journal of Physical Chemistry C, 2018, 122, 4290-4299.	3.1	27
26	Gaseous and heterogeneous reactions of low-molecular-weight (LMW) unsaturated ketones with O3: Mechanisms, kinetics, and effects of mineral dust in tropospheric chemical processes. Chemical Engineering Journal, 2020, 395, 125083.	12.7	27
27	Ionic Self-Assembly of a Giant Vesicle as a Smart Microcarrier and Microreactor. Langmuir, 2016, 32, 9548-9556.	3.5	26
28	Self-Assembly of Peptide-Polyoxometalate Hybrid Sub-Micrometer Spheres for Photocatalytic Degradation of Methylene Blue. Journal of Physical Chemistry B, 2017, 121, 10566-10573.	2.6	26
29	Adsorption of C5Pe molecules on silica surfaces with different hydrophobicity studied by molecular dynamics simulation. Applied Surface Science, 2019, 495, 143624.	6.1	26
30	Amphiphilicity Regulation of Ag^I Nanoclusters: Selfâ€Assembly and Its Application as a Luminescent Probe. Chemistry - A European Journal, 2019, 25, 4713-4721.	3.3	24
31	Properties of a water layer on hydrophilic and hydrophobic self-assembled monolayer surfaces: A molecular dynamics study. Science China Chemistry, 2013, 56, 773-781.	8.2	23
32	Mechanism of foam destruction by antifoams: a molecular dynamics study. Physical Chemistry Chemical Physics, 2014, 16, 17231.	2.8	23
33	Modulating self-assembly behavior of a salt-free peptide amphiphile (PA) and zwitterionic surfactant mixed system. Journal of Colloid and Interface Science, 2016, 467, 43-50.	9.4	23
34	Molecular dynamics study of the structure of an oppositely charged polyelectrolyte and an ionic surfactant at the air/water interface. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 454, 104-112.	4.7	22
35	Self-assembly of dipeptide sodium salts derived from alanine: a molecular dynamics study. RSC Advances, 2015, 5, 102182-102190.	3.6	22
36	The Effect of Macromolecules on Foam Stability in Sodium Dodecyl Sulfate/Cetylpyridinium Bromide Mixtures. Journal of Dispersion Science and Technology, 2003, 24, 779-787.	2.4	21

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37	Molecular simulation study of different monolayers on Si (111) surface. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2004, 242, 129-135.	4.7	21
38	Phase behavior of tri-block copolymers in solution: Mesoscopic simulation study. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 322, 87-96.	4.7	21
39	Molecular dynamics studies on the aggregating behaviors of cellulose molecules in NaOH/urea aqueous solution. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 594, 124663.	4.7	21
40	A molecular dynamics simulation of N-(fluorenyl-9-methoxycarbonyl)-dipeptides supramolecular hydrogel. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 417, 217-223.	4.7	20
41	Quantitative Structureâ€“Property Relationships of Surfactants: Critical Micelle Concentration of Anionic Surfactants. Journal of Dispersion Science and Technology, 2002, 23, 465-472.	2.4	19
42	Quantitative structure-property relationships of surfactants: prediction of the critical micelle concentration of nonionic surfactants. Colloid and Polymer Science, 2002, 280, 630-636.	2.1	19
43	Comparative study of n-dodecyl tetraethylene monoether lyotropic liquid crystals incorporated with graphene and graphene oxide. Physical Chemistry Chemical Physics, 2014, 16, 20932-20940.	2.8	19
44	Manipulation the properties of supramolecular hydrogels of Î±-cyclodextrin/Tyloxapol/carbon-based nanomaterials. Journal of Colloid and Interface Science, 2016, 468, 78-85.	9.4	19
45	Tetraalkylammonium interactions with dodecyl sulfate micelles: a molecular dynamics study. Physical Chemistry Chemical Physics, 2016, 18, 878-885.	2.8	19
46	Four Methods to Estimate Minimum Miscibility Pressure of CO₂â€Oil Based on Machine Learning. Chinese Journal of Chemistry, 2019, 37, 1271-1278.	4.9	19
47	Effect of SDS on Reducing the Viscosity of Heavy Oil: A Molecular Dynamics Study. Energy & Fuels, 2019, 33, 4921-4930.	5.1	19
48	Molecular Dynamics Study on the Adsorption of Heavy Oil Drops on a Silica Surface with Different Hydrophobicity. Energy & Fuels, 2020, 34, 7019-7028.	5.1	19
49	A molecular dynamics study on two promising green surfactant micelles of choline dodecyl sulfate and laurate. RSC Advances, 2016, 6, 84090-84097.	3.6	18
50	Decomposition of CH₄ hydrate: effects of temperature and salt from molecular simulations. Molecular Simulation, 2018, 44, 1220-1228.	2.0	18
51	Selective deposition of organic molecules onto different densely packed self-assembled monolayers: A molecular dynamics study. Chemical Physics Letters, 2011, 507, 138-143.	2.6	17
52	Property Prediction on Surfactant by Quantitative Structureâ€Property Relationship: Krafft Point and Cloud Point. Journal of Dispersion Science and Technology, 2005, 26, 799-808.	2.4	16
53	Ordered carbon nanotubesâ€“n-dodecyl tetraethylene monoether liquid crystal composites through phase separation induced by poly(ethylene glycol). Physical Chemistry Chemical Physics, 2014, 16, 14771-14780.	2.8	16
54	Molecular dynamics simulations on tetraalkylammonium interactions with dodecyl sulfate micelles at the air/water interface. Journal of Molecular Liquids, 2016, 222, 1085-1090.	4.9	16

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55	Molecular dynamics study on oil migration inside silica nanopore. Chemical Physics Letters, 2017, 678, 186-191.	2.6	16
56	Realizing enhanced luminescence of silver nanoclusterâ€“peptide soft hydrogels by PEI reinforcement. Soft Matter, 2018, 14, 8352-8360.	2.7	16
57	Emulsification of Surfactant on Oil Droplets by Molecular Dynamics Simulation. Molecules, 2020, 25, 3008.	3.8	16
58	Molecular dynamics simulation of sodium dodecylsulfate (SDS) bilayers. Journal of Colloid and Interface Science, 2017, 506, 227-235.	9.4	15
59	Molecular dynamics study on emulsified oil droplets with nonionic surfactants. Journal of Molecular Liquids, 2022, 346, 117102.	4.9	15
60	Effects of graphene oxide and salinity on sodium deoxycholate hydrogels and their applications in dye absorption. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 483, 112-120.	4.7	14
61	A molecular dynamics study of cellulose inclusion complexes in NaOH/urea aqueous solution. Carbohydrate Polymers, 2018, 185, 12-18.	10.2	14
62	Molecular dynamics simulation of thickening mechanism of supercritical CO2 thickener. Chemical Physics Letters, 2018, 706, 658-664.	2.6	14
63	Molecular dynamics study on the aggregation behaviour of different positional isomers of sodium dodecyl benzenesulphonate. RSC Advances, 2016, 6, 49708-49716.	3.6	13
64	Reactive Molecular Dynamics on the Oxidation of Hâ€“Si(100) Surface: Effect of Humidity and Temperature. Journal of Physical Chemistry C, 2020, 124, 1932-1940.	3.1	13
65	A Green Solvent Processable Wideâ€Bandgap Conjugated Polymer for Organic Solar Cells. Solar Rrl, 2020, 4, 2000547.	5.8	13
66	Facile synthesis of hierarchically porous silica nanocapsules and nanospheres via vesicle templating. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 424, 59-65.	4.7	12
67	Modulating hierarchical self-assembly behavior of a peptide amphiphile/nonionic surfactant mixed system. RSC Advances, 2016, 6, 9186-9193.	3.6	12
68	Degradation evaluation of acrylamide in advanced oxidation processes based on theoretical method: Mechanisms, kinetics, toxicity evaluation and the role of soil particles. Journal of Hazardous Materials, 2022, 424, 127592.	12.4	12
69	Mesoscopic simulation studies on micellar phases of Pluronic P103 solution. Journal of Molecular Modeling, 2008, 14, 607-620.	1.8	11
70	Reconstructing the food structure of ancient coastal inhabitants from Beiqian village: Stable isotopic analysis of fossil human bone. Science Bulletin, 2012, 57, 2148-2154.	1.7	11
71	Molecular dynamics study on mechanism of preformed particle gel transporting through nanopores: surface hydration. RSC Advances, 2016, 6, 7172-7180.	3.6	11
72	A study of influence factors to improve the heat transfer of pure-polydimethylsiloxane (PDMS): A molecular dynamics study. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 618, 126409.	4.7	11

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73	Molecular dynamics studies on octadecylammonium chloride at the air/liquid interface. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2006, 280, 108-115.	4.7	10
74	Incorporation of graphene oxide into C₁₂E₄/C₁₂mimBr hybrid lyotropic liquid crystal and its thermo-sensitive properties. RSC Advances, 2015, 5, 68404-68412.	3.6	10
75	Ultrasensitive detection of aliphatic nitro-organics based on â€œturn-onâ€•fluorescent sensor array. Science China Chemistry, 2016, 59, 89-94.	8.2	10
76	Understanding the properties of methyl vinyl ketone and methacrolein at the air-water interface: Adsorption, heterogeneous reaction and environmental impact analysis. Chemosphere, 2021, 283, 131183.	8.2	10
77	Molecular insights into the uptake of SiO2 nanoparticles on phospholipid membrane: Effect of surface properties and particle size. Colloids and Surfaces B: Biointerfaces, 2022, 210, 112250.	5.0	10
78	Theoretical insights into the uptake of sulfonamides onto phospholipid bilayers: Mechanisms, interaction and toxicity evaluation. Journal of Hazardous Materials, 2022, 435, 129033.	12.4	10
79	Molecular Dynamics Study on Mechanism of Preformed Particle Gel Transporting Through Nanopores: Deformation and Dehydration. Journal of Physical Chemistry C, 2016, 120, 19389-19395.	3.1	9
80	Origins of entropy change for the amphiphilic molecule in micellization: a molecular dynamics study. Physical Chemistry Chemical Physics, 2016, 18, 11357-11361.	2.8	9
81	Influence of self-assembled monolayers on the growth and crystallization of rubrene films: a molecular dynamics study. RSC Advances, 2013, 3, 15404.	3.6	8
82	Aggregation Behavior of Trisiloxane-Tailed Surface Active Ionic Liquids in Aqueous Solution: Coarse-Grained Molecular Dynamics Study. Journal of Dispersion Science and Technology, 2014, 35, 1520-1527.	2.4	8
83	The mechanism of selective deposition of luminescent molecules onto self-assembled monolayers using molecular dynamics. Applied Surface Science, 2015, 349, 163-168.	6.1	8
84	The formation and stability of sodium dodecylsulfate vesicles mediated by rough glass surface. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 509, 195-202.	4.7	8
85	Molecular Dynamics Study on the Suitable Compatibility Conditions of a CO₂-Cosolvent-Light Hydrocarbon System by Calculating the Solubility Parameters. Energy & Fuels, 2020, 34, 3483-3492.	5.1	8
86	Enhanced uptake of methacrolein at the acidic nanoparticle interface: Adsorption, heterogeneous reaction and impact for the secondary organic aerosol formation. Science of the Total Environment, 2021, 800, 149532.	8.0	8
87	Molecular dynamics study on adsorption and desorption of lysozyme above polymer antifouling membranes. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 649, 129466.	4.7	8
88	Mesoscopic Simulation of the Phase Separation on Triblock Copolymer in Aqueous Solution. Acta Physico-chimica Sinica, 2007, 23, 139-144.	0.6	7
89	Theoretical study on reactions of alkene molecules on H-terminated Si(111): Density functional theory and ab initio molecular dynamics. Chemical Physics Letters, 2007, 438, 53-58.	2.6	7
90	Deposition behavior onto different template structures and step-edge induced area-selective growth of rubrene: A molecular dynamics study. Chemical Physics Letters, 2013, 571, 38-43.	2.6	7

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91	Synthesis, characterization, and evaluation of TiMgAlCu mixed oxides as novel SOx removal catalysts. Ceramics International, 2014, 40, 11559-11566.	4.8	7
92	Molecular dynamics study of the adsorption of anionic surfactant in a nonionic polymer brush. Journal of Molecular Modeling, 2014, 20, 2267.	1.8	7
93	Smart stimuli-responsive fluorescent vesicular sensor based on inclusion complexation of cyclodextrins with Tyloxapol. RSC Advances, 2016, 6, 11683-11690.	3.6	7
94	A molecular dynamics study combining with entropy calculation on the packing state of hydrophobic chains in micelle interior. Journal of Molecular Liquids, 2019, 283, 860-866.	4.9	7
95	MesoDyn prediction of a pharmaceutical microemulsion self-assembly consistent with experimental measurements. RSC Advances, 2017, 7, 20293-20299.	3.6	7
96	Mechanistic study of the adsorption and penetration of modified SiO2 nanoparticles on cellular membrane. Chemosphere, 2022, 294, 133793.	8.2	7
97	Fluorescent probe solubilised in cetyltrimethylammonium bromide micelles by molecular dynamics simulation. Molecular Simulation, 2013, 39, 1042-1051.	2.0	6
98	Step-edge induced area selective growth: a kinetic Monte Carlo study. RSC Advances, 2014, 4, 25005-25010.	3.6	6
99	Electronic structures of rutile (011)(2 Ã— 1) surfaces: A many-body perturbation theory study. Journal of Chemical Physics, 2017, 146, 124702.	3.0	6
100	A molecular dynamics study on the adsorption of a mussel protein on two different films: Polymer film and a SAM. Chemical Physics Letters, 2017, 676, 144-149.	2.6	6
101	Formation of organogels with aggregation-induced emission characteristics triggered by thermal and ultrasound. Colloid and Polymer Science, 2017, 295, 1765-1772.	2.1	6
102	The mechanism of restructuring of surfactant monolayer on mica surface in aqueous solution: molecular dynamics simulation. Molecular Simulation, 2018, 44, 396-404.	2.0	6
103	Computational investigation of a switchable emulsion stabilized by the mixture of a surfactant and tertiary amine. Physical Chemistry Chemical Physics, 2021, 23, 368-377.	2.8	6
104	Atomistic insights into heterogeneous reaction of hydrogen peroxide on mineral oxide particles. Applied Surface Science, 2021, 556, 149707.	6.1	6
105	Atomistic insights into heterogeneous reaction of formic acid on mineral oxide particles. Chemosphere, 2022, 287, 132430.	8.2	6
106	Molecular Dynamics Study on Properties of Hydration Layers above Polymer Antifouling Membranes. Molecules, 2022, 27, 3074.	3.8	6
107	Molecular dynamics simulation of demulsification of O/W emulsion containing soil in direct current electric field. Journal of Molecular Liquids, 2022, 361, 119618.	4.9	6
108	Molecular dynamics study on mechanism of preformed particle gel transporting through nanopores: Surface chemistry and heterogeneity. Chemical Physics Letters, 2017, 685, 294-299.	2.6	5

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109	A molecular dynamics study on the dependence of phase behaviors and structural properties of two-dimensional interfacial monolayer on surface area. Applied Surface Science, 2018, 459, 741-748.	6.1	5
110	Reactive molecular dynamics on the oxidation of passivated H-terminated Si (111) surface: 1-Alkynes vs 1-Alkenes. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 606, 125372.	4.7	5
111	RADIOCARBON DATING AND DIET: THE JIAOJIA SITE IN CHINA. Radiocarbon, 2020, 62, 1515-1523.	1.8	5
112	Effect of Polyvinylpyrrolidone on the States of Water in Water-in-Oil Microemulsions with Betaine Surfactant. Journal of Dispersion Science and Technology, 2001, 22, 563-567.	2.4	4
113	Mesoscopic simulation on phase behavior of star-like block polyether solution in the absence and presence of shear. Soft Matter, 2011, 7, 9035.	2.7	4
114	A kinetic Monte Carlo simulation of surface microfluidic patterning organic molecules based on anisotropic wetting. Chemical Physics Letters, 2015, 628, 54-59.	2.6	4
115	Zwitterionic polymers functionalised nanoporous graphene for water desalination: a molecular dynamics study. Molecular Simulation, 2018, 44, 349-357.	2.0	4
116	Exploring relationship of the state of N-dodecyl betaine in the solution monomer, at the interface and in the micelle via configurational entropy. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 600, 124975.	4.7	4
117	Ultrathin Supramolecular Architectures Self-Assembled from a C₃-Symmetric Synthon for Selective Metal Binding. ACS Applied Materials & Interfaces, 2020, 12, 9673-9681.	8.0	4
118	Atomistic insights into resistance to oxidation of Si (111) grafted different organic chains. Computational Materials Science, 2021, 191, 110336.	3.0	4
119	Determination of Minimum Miscibility Pressure of CO2â€“Oil System: A Molecular Dynamics Study. Molecules, 2021, 26, 4983.	3.8	4
120	Pseudo-zwitterions self-assembled from polycation and anion clusters showing exceptional water-cleanable anti-crude-oil-adhesion property. IScience, 2021, 24, 102964.	4.1	4
121	Molecular dynamics study on the effect of surfactant mixture on their packing states in mixed micelles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 631, 127714.	4.7	4
122	Structural changes of PMMA substrates with different electrolyte solutions: A molecular dynamics study. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 522, 51-57.	4.7	3
123	Molecular Dynamics Simulation for the Demulsification of O/W Emulsion under Pulsed Electric Field. Molecules, 2022, 27, 2559.	3.8	3
124	C and N stable isotope analysis of human and animal bones at the Beiqian site. Science China Earth Sciences, 2014, 57, 408-414.	5.2	2
125	A kinetic Monte Carlo simulation of organic particles hetero-patterning on template-induced surface. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 494, 186-193.	4.7	2
126	Atomistic insights into heterogeneous reaction of hydrogen peroxide on alumina particles: Combining DFT calculation and ReaxFF molecular dynamics simulations. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 626, 127064.	4.7	2

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127	Manufacturing techniques of sacrificial pottery from Jiaojia site, China, during the Dawenkou Culture. Journal of Archaeological Science: Reports, 2021, 40, 103238.	0.5	2
128	Compound Cleaning Agent for Oily Sludge from Experiments and Molecular Simulations. ACS Omega, 2021, 6, 33300-33309.	3.5	2
129	Interaction between dodecyl oxypropyl Î²-hydroxyltrimethylammonium bromide and Xanthan: MesoDyn simulation and binding isotherm measurements. Science Bulletin, 2007, 52, 2605-2611.	1.7	1
130	A kinetic Monte Carlo simulation of center shift on template-induced surface. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 509, 401-407.	4.7	1
131	Atomistic insights into uptake of hydrogen peroxide by TiO2 particles as a function of humidity. Journal of Molecular Liquids, 2022, 346, 117097.	4.9	1
132	The cloud point phenomenon of ionic surfactants: A view from molecular dynamics and metadynamics simulation. Journal of Molecular Liquids, 2018, 269, 298-303.	4.9	0
133	Atomistic Insights into Oxidation of Chemical Passivated Silicon (100) Surface: Reactive Molecular Dynamic Simulations. Chinese Journal of Chemistry, 2021, 39, 896-902.	4.9	0
134	Molecular Dynamics Simulation of Thermal Conductivity of Al2O3/PDMS Composites. Acta Chimica Sinica, 2021, 79, 787.	1.4	0
135	Neolithic burial pottery from the Jiaojia site, China: A multiâ€analytical study. Archaeometry, 2022, 64, 1359-1376.	1.3	0
136	Self-assembly of metal nanoclusters in colloid science. , 2022, , 385-407.		0