

Keith P Johnston

List of Publications by Year in descending order

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357
papers

26,154
citations

3731

89
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10158

140
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361
all docs

361
docs citations

361
times ranked

19085
citing authors

#	ARTICLE	IF	CITATIONS
1	Elastic gas/water interface for highly stable foams with modified anionic silica nanoparticles and a like-charged surfactant. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 1401-1413.	9.4	17
2	Highly Elastic Interconnected Porous Hydrogels through Self-Assembled Templating for Solar Water Purification. <i>Angewandte Chemie</i> , 2022, 134, e202114074.	2.0	16
3	Highly Elastic Interconnected Porous Hydrogels through Self-Assembled Templating for Solar Water Purification. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202114074.	13.8	70
4	Ultrastable N ₂ /Water Foams Stabilized by Dilute Nanoparticles and a Surfactant at High Salinity and High Pressure. <i>Langmuir</i> , 2022, 38, 5392-5403.	3.5	13
5	Effect of surface chemistry of silica nanoparticles on contact angle of oil on calcite surfaces in concentrated brine with divalent ions. <i>Journal of Colloid and Interface Science</i> , 2021, 581, 656-668.	9.4	20
6	Development and experimental evaluation of a mathematical model to predict polymer-enhanced nanoparticle mobility in heterogeneous formations. <i>Environmental Science: Nano</i> , 2021, 8, 470-484.	4.3	1
7	Tuning Nanoparticle Surface Chemistry and Interfacial Properties for Highly Stable Nitrogen-In-Brine Foams. <i>Langmuir</i> , 2021, 37, 5408-5423.	3.5	13
8	Tuning Surface Chemistry and Ionic Strength to Control Nanoparticle Adsorption and Elastic Dilational Modulus at Air-Brine Interface. <i>Langmuir</i> , 2021, 37, 5795-5809.	3.5	14
9	Molecular Engineering of Hydrogels for Rapid Water Disinfection and Sustainable Solar Vapor Generation. <i>Advanced Materials</i> , 2021, 33, e2102994.	21.0	105
10	Protein-Protein Interactions, Clustering, and Rheology for Bovine IgG up to High Concentrations Characterized by Small Angle X-Ray Scattering and Molecular Dynamics Simulations. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 696-708.	3.3	19
11	Polyelectrolyte coated individual silica nanoparticles dispersed in concentrated divalent brine at elevated temperatures for subsurface energy applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 586, 124276.	4.7	8
12	Crude Oil Recovery with Duomeen CTM-Stabilized Supercritical CO ₂ Foams for HPHT and Ultrahigh-Salinity Carbonate Reservoirs. <i>Energy & Fuels</i> , 2020, 34, 15727-15735.	5.1	21
13	Coarse-Grained Molecular Dynamics Simulations for Understanding the Impact of Short-Range Anisotropic Attractions on Structure and Viscosity of Concentrated Monoclonal Antibody Solutions. <i>Molecular Pharmaceutics</i> , 2020, 17, 1748-1756.	4.6	26
14	Self-diffusion of a highly concentrated monoclonal antibody by fluorescence correlation spectroscopy: insight into protein-protein interactions and self-association. <i>Soft Matter</i> , 2019, 15, 6660-6676.	2.7	13
15	Tuning Redox Transitions via the Inductive Effect in LaNi _{1-x} Fe _x O ₃ Perovskites for High-Power Asymmetric and Symmetric Pseudocapacitors. <i>ACS Applied Energy Materials</i> , 2019, 2, 6558-6568.	5.1	23
16	Relating Collective Diffusion, Protein-Protein Interactions, and Viscosity of Highly Concentrated Monoclonal Antibodies through Dynamic Light Scattering. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 22456-22471.	3.7	15
17	Comparison of perovskite and perovskite derivatives for use in anion-based pseudocapacitor applications. <i>Journal of Materials Chemistry A</i> , 2019, 7, 21222-21231.	10.3	21
18	Decoupling the roles of carbon and metal oxides on the electrocatalytic reduction of oxygen on La _{1-x} Sr _x CoO ₃ perovskite composite electrodes. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 3327-3338.	2.8	26

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19	Evaluating the Transport Behavior of CO ₂ Foam in the Presence of Crude Oil under High-Temperature and High-Salinity Conditions for Carbonate Reservoirs. <i>Energy & Fuels</i> , 2019, 33, 6038-6047.	5.1	47
20	X-ray Scattering and Coarse-Grained Simulations for Clustering and Interactions of Monoclonal Antibodies at High Concentrations. <i>Journal of Physical Chemistry B</i> , 2019, 123, 5274-5290.	2.6	27
21	Enhancing Stability and Reducing Viscosity of a Monoclonal Antibody With Cosolutes by Weakening Protein-Protein Interactions. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 2517-2526.	3.3	16
22	Enhanced Electrocatalytic Activities by Substitutional Tuning of Nickel-Based Ruddlesden-Popper Catalysts for the Oxidation of Urea and Small Alcohols. <i>ACS Catalysis</i> , 2019, 9, 2664-2673.	11.2	99
23	Protein-Protein Interactions of Highly Concentrated Monoclonal Antibody Solutions via Static Light Scattering and Influence on the Viscosity. <i>Journal of Physical Chemistry B</i> , 2019, 123, 739-755.	2.6	32
24	Two-Step Adsorption of a Switchable Tertiary Amine Surfactant Measured Using a Quartz Crystal Microbalance with Dissipation. <i>Langmuir</i> , 2019, 35, 695-701.	3.5	14
25	Anion-Based Pseudocapacitance of the Perovskite Library La _{1-x} Sr _x BO ₃ (B = Fe, Mn, Co). <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 5084-5094.	8.0	60
26	Carbon dioxide-in-oil emulsions stabilized with silicone-alkyl surfactants for waterless hydraulic fracturing. <i>Journal of Colloid and Interface Science</i> , 2018, 526, 253-267.	9.4	35
27	Carbon dioxide/water foams stabilized with a zwitterionic surfactant at temperatures up to 150 °C in high salinity brine. <i>Journal of Petroleum Science and Engineering</i> , 2018, 166, 880-890.	4.2	86
28	Aqueous Superparamagnetic Magnetite Dispersions with Ultrahigh Initial Magnetic Susceptibilities. <i>Langmuir</i> , 2018, 34, 622-629.	3.5	6
29	Improving Viscosity and Stability of a Highly Concentrated Monoclonal Antibody Solution with Concentrated Proline. <i>Pharmaceutical Research</i> , 2018, 35, 133.	3.5	38
30	Oil effect on CO ₂ foam stabilized by a switchable amine surfactant at high temperature and high salinity. <i>Fuel</i> , 2018, 227, 247-255.	6.4	37
31	Viscoelastic diamine surfactant for stable carbon dioxide/water foams over a wide range in salinity and temperature. <i>Journal of Colloid and Interface Science</i> , 2018, 522, 151-162.	9.4	59
32	Role of the Carbon Support on the Oxygen Reduction and Evolution Activities in LaNiO ₃ Composite Electrodes in Alkaline Solution. <i>ACS Applied Energy Materials</i> , 2018, 1, 1549-1558.	5.1	40
33	Design of CO ₂ -in-Water Foam Stabilized with Switchable Amine Surfactants at High Temperature in High-Salinity Brine and Effect of Oil. <i>Energy & Fuels</i> , 2018, 32, 12259-12267.	5.1	41
34	CO ₂ /Water Foams Stabilized with Cationic or Zwitterionic Surfactants at Temperatures up to 120 °C in High Salinity Brine. , 2018, , .		17
35	Identification and Evaluation of Viscoelastic Surfactants Including Smart Viscoelastic Systems for Generation and Stabilization of Ultra-Dry N ₂ and CO ₂ Foam for Fracturing Fluids and Proppant Transport. , 2018, , .		4
36	Exceptional electrocatalytic oxygen evolution via tunable charge transfer interactions in La _{0.5} Sr _{1.5} Ni _{1-x} Fe _x O ₄ Ruddlesden-Popper oxides. <i>Nature Communications</i> , 2018, 9, 3150.	12.8	161

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37	Noncovalent grafting of polyelectrolytes onto hydrophobic polymer colloids with a swelling agent. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 555, 457-464.	4.7	4
38	High temperature stability and low adsorption of sub-100 nm magnetite nanoparticles grafted with sulfonated copolymers on Berea sandstone in high salinity brine. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 520, 257-267.	4.7	34
39	Control of Primary Particle Spacing in Gold Nanoparticle Clusters for Both High NIR Extinction and Full Reversibility. <i>Langmuir</i> , 2017, 33, 3413-3426.	3.5	5
40	Simulation of magnetite nanoparticle mobility in a heterogeneous flow cell. <i>Environmental Science: Nano</i> , 2017, 4, 1512-1524.	4.3	8
41	Behavior of Spherical Poly(2-acrylamido-2-methylpropanesulfonate) Polyelectrolyte Brushes on Silica Nanoparticles up to Extreme Salinity with Weak Divalent Cation Binding at Ambient and High Temperature. <i>Macromolecules</i> , 2017, 50, 7699-7711.	4.8	22
42	Reversible Self-Assembly of Glutathione-Coated Gold Nanoparticle Clusters via pH-Tunable Interactions. <i>Langmuir</i> , 2017, 33, 12244-12253.	3.5	43
43	Carbon Dioxide-in-Brine Foams at High Temperatures and Extreme Salinities Stabilized with Silica Nanoparticles. <i>Energy & Fuels</i> , 2017, 31, 10680-10690.	5.1	47
44	Charge Shielding Prevents Aggregation of Supercharged GFP Variants at High Protein Concentration. <i>Molecular Pharmaceutics</i> , 2017, 14, 3269-3280.	4.6	27
45	Contrasting the Influence of Cationic Amino Acids on the Viscosity and Stability of a Highly Concentrated Monoclonal Antibody. <i>Pharmaceutical Research</i> , 2017, 34, 193-207.	3.5	50
46	Foam Generation Hysteresis in Porous Media: Experiments and New Insights. <i>Transport in Porous Media</i> , 2017, 116, 687-703.	2.6	23
47	High temperature ultralow water content carbon dioxide-in-water foam stabilized with viscoelastic zwitterionic surfactants. <i>Journal of Colloid and Interface Science</i> , 2017, 488, 79-91.	9.4	77
48	Nanostructured LaNiO ₃ Perovskite Electrocatalyst for Enhanced Urea Oxidation. <i>ACS Catalysis</i> , 2016, 6, 5044-5051.	11.2	217
49	Experimental Studies and Modeling of Foam Hysteresis in Porous Media. , 2016, , .		8
50	Static Adsorption of an Ethoxylated Nonionic Surfactant on Carbonate Minerals. <i>Langmuir</i> , 2016, 32, 10244-10252.	3.5	89
51	Viscosity Reduction of a Concentrated Monoclonal Antibody with Arginine-HCl and Arginine-Glutamate. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 11225-11234.	3.7	30
52	Water electrolysis on La _{1-x} Sr _x CoO ₃ perovskite electrocatalysts. <i>Nature Communications</i> , 2016, 7, 11053.	12.8	800
53	Modeling fracture propagation and cleanup for dry nanoparticle-stabilized-foam fracturing fluids. <i>Journal of Petroleum Science and Engineering</i> , 2016, 146, 210-221.	4.2	32
54	Mobility of Ethomeen C12 and Carbon Dioxide (CO ₂) Foam at High Temperature/High Salinity and in Carbonate Cores. <i>SPE Journal</i> , 2016, 21, 1151-1163.	3.1	78

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55	High Temperature CO ₂ -in-Water Foams Stabilized with Cationic Quaternary Ammonium Surfactants. <i>Journal of Chemical & Engineering Data</i> , 2016, 61, 2761-2770.	1.9	33
56	Nanoparticle-Stabilized Emulsions for Improved Mobility Control for Adverse-mobility Waterflooding. , 2016, , .		17
57	Viscosity and Stability of Dry CO ₂ Foams for Improved Oil Recovery. , 2016, , .		3
58	Formation of Small Gold Nanoparticle Chains with High NIR Extinction through Bridging with Calcium Ions. <i>Langmuir</i> , 2016, 32, 1127-1138.	3.5	21
59	Steric stabilization of nanoparticles with grafted low molecular weight ligands in highly concentrated brines including divalent ions. <i>Soft Matter</i> , 2016, 12, 2025-2039.	2.7	99
60	Size-dependent properties of silica nanoparticles for Pickering stabilization of emulsions and foams. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	1.9	129
61	Low Adsorption of Magnetite Nanoparticles with Uniform Polyelectrolyte Coatings in Concentrated Brine on Model Silica and Sandstone. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 1522-1532.	3.7	31
62	Phase behavior and interfacial properties of a switchable ethoxylated amine surfactant at high temperature and effects on CO ₂ -in-water foams. <i>Journal of Colloid and Interface Science</i> , 2016, 470, 80-91.	9.4	56
63	High concentration tangential flow ultrafiltration of stable monoclonal antibody solutions with low viscosities. <i>Journal of Membrane Science</i> , 2016, 508, 113-126.	8.2	40
64	Improved Mobility of Magnetite Nanoparticles at High Salinity with Polymers and Surfactants. <i>Energy & Fuels</i> , 2016, 30, 1915-1926.	5.1	25
65	Ultradry Carbon Dioxide-in-Water Foams with Viscoelastic Aqueous Phases. <i>Langmuir</i> , 2016, 32, 28-37.	3.5	71
66	Control of magnetite primary particle size in aqueous dispersions of nanoclusters for high magnetic susceptibilities. <i>Journal of Colloid and Interface Science</i> , 2016, 462, 359-367.	9.4	20
67	Transport of Nanoparticle-Stabilized CO ₂ -Foam in Porous Media. <i>Transport in Porous Media</i> , 2016, 111, 265-285.	2.6	44
68	Viscosity and stability of ultra-high internal phase CO ₂ -in-water foams stabilized with surfactants and nanoparticles with or without polyelectrolytes. <i>Journal of Colloid and Interface Science</i> , 2016, 461, 383-395.	9.4	123
69	Multi-Scale Evaluation of Nanoparticle-Stabilized CO ₂ -in-Water Foams: From the Benchtop to the Field. , 2015, , .		16
70	Synthesis of Iron Oxide Nanoclusters with Enhanced Magnetization and Their Applications in Pulsed Magneto-Motive Ultrasound Imaging. <i>Nano</i> , 2015, 10, 1550073.	1.0	6
71	CO ₂ -in-Water Foam at Elevated Temperature and Salinity Stabilized with a Nonionic Surfactant with a High Degree of Ethoxylation. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 4252-4263.	3.7	67
72	Origin and detection of microstructural clustering in fluids with spatial-range competitive interactions. <i>Physical Review E</i> , 2015, 91, 042312.	2.1	36

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73	Biodegradable Plasmonic Nanoparticles: Overcoming Clinical Translation Barriers. , 2015, , .		4
74	CO ₂ -Soluble Ionic Surfactants and CO ₂ Foams for High-Temperature and High-Salinity Sandstone Reservoirs. Energy & Fuels, 2015, 29, 5750-5760.	5.1	42
75	Gold nanoparticles with high densities of small protuberances on nanocluster cores with strong NIR extinction. RSC Advances, 2015, 5, 104674-104687.	3.6	7
76	Switchable Nonionic to Cationic Ethoxylated Amine Surfactants for CO ₂ Enhanced Oil Recovery in High-Temperature, High-Salinity Carbonate Reservoirs. SPE Journal, 2014, 19, 249-259.	3.1	103
77	Switchable Diamine Surfactants for CO ₂ Mobility Control in Enhanced Oil Recovery and Sequestration. Energy Procedia, 2014, 63, 7709-7716.	1.8	26
78	Synergistic Formation and Stabilization of Oil-in-Water Emulsions by a Weakly Interacting Mixture of Zwitterionic Surfactant and Silica Nanoparticles. Langmuir, 2014, 30, 984-994.	3.5	90
79	Effect of Grafted Copolymer Composition on Iron Oxide Nanoparticle Stability and Transport in Porous Media at High Salinity. Energy & Fuels, 2014, 28, 3655-3665.	5.1	76
80	High Interfacial Activity of Polymers "Grafted through" Functionalized Iron Oxide Nanoparticle Clusters. Langmuir, 2014, 30, 10188-10196.	3.5	31
81	Modified Montmorillonite Clay Microparticles for Stable Oil-in-Seawater Emulsions. ACS Applied Materials & Interfaces, 2014, 6, 11502-11513.	8.0	78
82	Iron Oxide Nanoparticles Grafted with Sulfonated and Zwitterionic Polymers: High Stability and Low Adsorption in Extreme Aqueous Environments. ACS Macro Letters, 2014, 3, 867-871.	4.8	38
83	Anion charge storage through oxygen intercalation in LaMnO ₃ perovskite pseudocapacitor electrodes. Nature Materials, 2014, 13, 726-732.	27.5	589
84	Tuning the Electrocatalytic Activity of Perovskites through Active Site Variation and Support Interactions. Chemistry of Materials, 2014, 26, 3368-3376.	6.7	229
85	Quenched Assembly of NIR-Active Gold Nanoclusters Capped with Strongly Bound Ligands by Tuning Particle Charge via pH and Salinity. Journal of Physical Chemistry C, 2014, 118, 14291-14298.	3.1	16
86	Switchable Amine Surfactants for Stable CO ₂ /Brine Foams in High Temperature, High Salinity Reservoirs. , 2014, , .		22
87	Carbon Dioxide-in-Water Foams Stabilized with a Mixture of Nanoparticles and Surfactant for CO ₂ Storage and Utilization Applications. Energy Procedia, 2014, 63, 7929-7938.	1.8	37
88	Tunable equilibrium nanocluster dispersions at high protein concentrations. Soft Matter, 2013, 9, 1766-1771.	2.7	30
89	Respirable Low-Density Microparticles Formed In Situ from Aerosolized Brittle Matrices. Pharmaceutical Research, 2013, 30, 813-825.	3.5	50
90	Stabilization of Iron Oxide Nanoparticles in High Sodium and Calcium Brine at High Temperatures with Adsorbed Sulfonated Copolymers. Langmuir, 2013, 29, 3195-3206.	3.5	65

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91	Excretion and toxicity of gold-iron nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013, 9, 356-365.	3.3	50
92	Highly Active, Nonprecious Metal Perovskite Electrocatalysts for Bifunctional Metal-Air Battery Electrodes. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 1254-1259.	4.6	294
93	Charged Gold Nanoparticles with Essentially Zero Serum Protein Adsorption in Undiluted Fetal Bovine Serum. <i>Journal of the American Chemical Society</i> , 2013, 135, 7799-7802.	13.7	79
94	Graphene oxide nanoplatelet dispersions in concentrated NaCl and stabilization of oil/water emulsions. <i>Journal of Colloid and Interface Science</i> , 2013, 403, 1-6.	9.4	72
95	Nanoparticle-stabilized carbon dioxide-in-water foams with fine texture. <i>Journal of Colloid and Interface Science</i> , 2013, 391, 142-151.	9.4	189
96	Iron Oxide Nanoparticles Grafted with Sulfonated Copolymers are Stable in Concentrated Brine at Elevated Temperatures and Weakly Adsorb on Silica. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 3329-3339.	8.0	89
97	Equilibrium Gold Nanoclusters Quenched with Biodegradable Polymers. <i>ACS Nano</i> , 2013, 7, 239-251.	14.6	51
98	Thermal stability of biodegradable plasmonic nanoclusters in photoacoustic imaging. <i>Optics Express</i> , 2012, 20, 29479.	3.4	22
99	Flocculated amorphous itraconazole nanoparticles for enhanced in vitro supersaturation and in vivo bioavailability. <i>Drug Development and Industrial Pharmacy</i> , 2012, 38, 557-570.	2.0	42
100	Dual-wavelength multifrequency photothermal wave imaging combined with optical coherence tomography for macrophage and lipid detection in atherosclerotic plaques using gold nanoparticles. <i>Journal of Biomedical Optics</i> , 2012, 17, 1.	2.6	7
101	Ethoxylated Cationic Surfactants for CO ₂ EOR in High Temperature, High Salinity Reservoirs. , 2012, , .		36
102	Atomic Ensemble and Electronic Effects in Ag-Rich AgPd Nanoalloy Catalysts for Oxygen Reduction in Alkaline Media. <i>Journal of the American Chemical Society</i> , 2012, 134, 9812-9819.	13.7	264
103	Bifunctional Catalysts for Alkaline Oxygen Reduction Reaction via Promotion of Ligand and Ensemble Effects at Ag/MnO _x Nanodomains. <i>Journal of Physical Chemistry C</i> , 2012, 116, 11032-11039.	3.1	79
104	Effect of Adsorbed Amphiphilic Copolymers on the Interfacial Activity of Superparamagnetic Nanoclusters and the Emulsification of Oil in Water. <i>Macromolecules</i> , 2012, 45, 5157-5166.	4.8	66
105	Nanoparticle Stabilized Carbon Dioxide in Water Foams for Enhanced Oil Recovery. , 2012, , .		36
106	Precipitation Technologies for Nanoparticle Production. <i>AAPS Advances in the Pharmaceutical Sciences Series</i> , 2012, , 501-568.	0.6	3
107	High pseudocapacitance of MnO ₂ nanoparticles in graphitic disordered mesoporous carbon at high scan rates. <i>Journal of Materials Chemistry</i> , 2012, 22, 3160.	6.7	85
108	Concentrated Dispersions of Equilibrium Protein Nanoclusters That Reversibly Dissociate into Active Monomers. <i>ACS Nano</i> , 2012, 6, 1357-1369.	14.6	104

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109	Antibody nanoparticle dispersions formed with mixtures of crowding molecules retain activity and In Vivo bioavailability. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 3763-3778.	3.3	13
110	Theoretical and experimental investigation of the motion of multiphase fluids containing paramagnetic nanoparticles in porous media. <i>Journal of Petroleum Science and Engineering</i> , 2012, 81, 129-144.	4.2	72
111	Combined two-photon luminescence microscopy and OCT for macrophage detection in the hypercholesterolemic rabbit aorta using plasmonic gold nanorose. <i>Lasers in Surgery and Medicine</i> , 2012, 44, 49-59.	2.1	16
112	Selective Targeting of Antibody Conjugated Multifunctional Nanoclusters (Nanoroses) to Epidermal Growth Factor Receptors in Cancer Cells. <i>Langmuir</i> , 2011, 27, 7681-7690.	3.5	38
113	Stabilization of Superparamagnetic Iron Oxide Nanoclusters in Concentrated Brine with Cross-Linked Polymer Shells. <i>Langmuir</i> , 2011, 27, 10962-10969.	3.5	50
114	Comparison of pulsed photothermal radiometry, optical coherence tomography and ultrasound for melanoma thickness measurement in PDMS tissue phantoms. <i>Journal of Biophotonics</i> , 2011, 4, 335-344.	2.3	25
115	Fluorescence imaging of macrophages in atherosclerotic plaques using plasmonic gold nanorose. , 2011, , .		0
116	Pulsed magneto-motive ultrasound imaging to detect intracellular accumulation of magnetic nanoparticles. <i>Nanotechnology</i> , 2011, 22, 415105.	2.6	22
117	Twin-Tailed Surfactants for Creating CO ₂ -in-Water Macroemulsions for Sweep Enhancement in CO ₂ -EOR. , 2010, , .		20
118	Nanorose and lipid detection in atherosclerotic plaque using dual-wavelength photothermal wave imaging. , 2010, , .		2
119	Stable Citrate-Coated Iron Oxide Superparamagnetic Nanoclusters at High Salinity. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 12435-12443.	3.7	63
120	Controlled Assembly of Biodegradable Plasmonic Nanoclusters for Near-Infrared Imaging and Therapeutic Applications. <i>ACS Nano</i> , 2010, 4, 2178-2184.	14.6	171
121	In vitro characterization and pharmacokinetics in mice following pulmonary delivery of itraconazole as cyclodextrin solubilized solution. <i>European Journal of Pharmaceutical Sciences</i> , 2010, 39, 336-347.	4.0	44
122	Templated Open Flocs of Anisotropic Particles for Pulmonary Delivery with Pressurized Metered Dose Inhalers. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 3150-3165.	3.3	22
123	Effect of branching on the interfacial properties of nonionic hydrocarbon surfactants at the air-water and carbon dioxide-water interfaces. <i>Journal of Colloid and Interface Science</i> , 2010, 346, 455-463.	9.4	106
124	Electrophoretic mobility of concentrated carbon black dispersions in a low-permittivity solvent by optical coherence tomography. <i>Journal of Colloid and Interface Science</i> , 2010, 345, 194-199.	9.4	21
125	Carbon dioxide/water, water/carbon dioxide emulsions and double emulsions stabilized with a nonionic biocompatible surfactant. <i>Journal of Colloid and Interface Science</i> , 2010, 348, 469-478.	9.4	35
126	Superparamagnetic nanoclusters coated with oleic acid bilayers for stabilization of emulsions of water and oil at low concentration. <i>Journal of Colloid and Interface Science</i> , 2010, 351, 225-232.	9.4	52

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127	Interfacial tension and the behavior of microemulsions and macroemulsions of water and carbon dioxide with a branched hydrocarbon nonionic surfactant. <i>Journal of Supercritical Fluids</i> , 2010, 55, 712-723.	3.2	43
128	Combined photothermal therapy and magneto-motive ultrasound imaging using multifunctional nanoparticles. , 2010, , .		4
129	Low Viscosity Highly Concentrated Injectable Nonaqueous Suspensions of Lysozyme Microparticles. <i>Langmuir</i> , 2010, 26, 1067-1074.	3.5	29
130	Morphology and Stability of CO ₂ -in-Water Foams with Nonionic Hydrocarbon Surfactants. <i>Langmuir</i> , 2010, 26, 5335-5348.	3.5	128
131	Kinetic Assembly of Near-IR-Active Gold Nanoclusters Using Weakly Adsorbing Polymers to Control the Size. <i>Langmuir</i> , 2010, 26, 8988-8999.	3.5	60
132	Theoretical and Experimental Investigation of the Motion of Multiphase Fluids Containing Paramagnetic Nanoparticles in Porous Media. , 2010, , .		9
133	Depth resolved photothermal OCT detection of macrophages in tissue using nanorose. <i>Biomedical Optics Express</i> , 2010, 1, 2.	2.9	35
134	Nanoparticle-Stabilized Supercritical CO ₂ Foams for Potential Mobility Control Applications. , 2010, , .		136
135	Utility of biodegradable plasmonic nanoclusters in photoacoustic imaging. <i>Optics Letters</i> , 2010, 35, 3751.	3.3	46
136	Comparison of bioavailability of amorphous versus crystalline itraconazole nanoparticles via pulmonary administration in rats. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010, 75, 33-41.	4.3	119
137	Photoacoustic imaging with biodegradable plasmonic nanoclusters. , 2010, , .		0
138	Hybrid MnO ₂ "disordered mesoporous carbon nanocomposites: synthesis and characterization as electrochemical pseudocapacitor electrodes. <i>Journal of Materials Chemistry</i> , 2010, 20, 390-398.	6.7	78
139	Measurement of the Optical Properties of Nanorose. , 2010, , .		0
140	Templated Open Flocs of Nanorods for Enhanced Pulmonary Delivery with Pressurized Metered Dose Inhalers. <i>Pharmaceutical Research</i> , 2009, 26, 101-117.	3.5	41
141	Colloids in supercritical fluids over the last 20 years and future directions. <i>Journal of Supercritical Fluids</i> , 2009, 47, 523-530.	3.2	97
142	Flocculation of Polymer Stabilized Nanocrystal Suspensions to Produce Redispersible Powders. <i>Drug Development and Industrial Pharmacy</i> , 2009, 35, 283-296.	2.0	27
143	Highly Supersaturated Solutions from Dissolution of Amorphous Itraconazole Microparticles at pH 6.8. <i>Molecular Pharmaceutics</i> , 2009, 6, 375-385.	4.6	36
144	Highly Stable and Active Pt~Cu Oxygen Reduction Electrocatalysts Based on Mesoporous Graphitic Carbon Supports. <i>Chemistry of Materials</i> , 2009, 21, 4515-4526.	6.7	109

#	ARTICLE	IF	CITATIONS
145	Small Multifunctional Nanoclusters (Nanoroses) for Targeted Cellular Imaging and Therapy. ACS Nano, 2009, 3, 2686-2696.	14.6	187
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