Vijay T John

List of Publications by Year
in descending order

#	Article	IF	Citations
1	Curcumin-loaded Î³-cyclodextrin liposomal nanoparticles as delivery vehicles for osteosarcoma. Nanomedicine: Nanotechnology, Biology, and Medicine, 2012, 8, 440-451.	1.7	258
2	Morphology of CdS Nanocrystals Synthesized in a Mixed Surfactant System. Nano Letters, 2002, 2, 263-268.	4.5	207
3	Microgel, nanogel and hydrogelâ€"hydrogel semi-IPN composites for biomedical applications: synthesis and characterization. Colloid and Polymer Science, 2006, 284, 1121-1129.	1.0	180
4	A generalized model for predicting equilibrium conditions for gas hydrates. AIChE Journal, 1985, 31, 252-259.	1.8	175
5	Transport Characteristics of Nanoscale Functional Zerovalent Iron/Silica Composites for in Situ Remediation of Trichloroethylene. Environmental Science & Technology, 2008, 42, 8871-8876.	4.6	165
6	Urea and Thiourea Derivatives as Low Molecular-Mass Organogelators. Chemistry - A European Journal, 2005, 11, 3243-3254.	1.7	158
7	Surfactant-laden soft contact lenses for extended delivery of ophthalmic drugs. Biomaterials, 2009, 30, 867-878.	5.7	136
8	Superparamagnetic Iron Oxide Nanoparticles with Variable Size and an Iron Oxidation State as Prospective Imaging Agents. Langmuir, 2013, 29, 710-716.	1.6	135
9	Release of Surfactant Cargo from Interfacially-Active Halloysite Clay Nanotubes for Oil Spill Remediation. Langmuir, 2014, 30, 13533-13541.	1.6	129
10	Reactivity Characteristics of Nanoscale Zerovalent IronâSilica Composites for Trichloroethylene Remediation. Environmental Science & Technology, 2008, 42, 4494-4499.	4.6	128
11	Enzymatic Synthesis of Fluorescent Naphthol-Based Polymers. Macromolecules, 1996, 29, 6452-6460.	2.2	121
12	Microstructure Determination of AOT + Phenol Organogels Utilizing Small-Angle X-ray Scattering and Atomic Force Microscopy. Journal of the American Chemical Society, 2001, 123, 2414-2421.	6.6	110
13	Synthesis of Superparamagnetic Polymerâ^'Ferrite Composites Using Surfactant Microstructures. Chemistry of Materials, 1996, 8, 801-809.	3.2	108
14	Magnetic properties of a series of ferrite nanoparticles synthesized in reverse micelles. IEEE Transactions on Magnetics, 1998, 34, 1111-1113.	1.2	105
15	Catalytic and interfacial aspects of enzymatic polymer synthesis in reversed micellar systems. Biotechnology and Bioengineering, 1993, 41, 531-540.	1.7	102
16	An Effective Dispersant for Oil Spills Based on Food-Grade Amphiphiles. Langmuir, 2014, 30, 9285-9294.	1.6	101
17	The Enzymatic Synthesis of Thiol-Containing Polymers to Prepare Polymerâ^'CdS Nanocomposites. Chemistry of Materials, 1997, 9, 1342-1347.	3.2	98
18	Microstructure and rheology of particle stabilized emulsions: Effects of particle shape and inter-particle interactions. Journal of Colloid and Interface Science, 2017, 485, 11-17.	5.0	98

#	ARTICLE	IF	CITATIONS
19	Attachment of a Hydrophobically Modified Biopolymer at the Oilâ€"Water Interface in the Treatment of Oil Spills. ACS Applied Materials & Interfaces, 2013, 5, 3572-3580.	4.0	97
20	Oil Emulsification Using Surface-Tunable Carbon Black Particles. ACS Applied Materials & Interfaces, 2013, 5, 3094-3100.	4.0	94
21	Surfactant-Loaded Halloysite Clay Nanotube Dispersants for Crude Oil Spill Remediation. Industrial & Engineering Chemistry Research, 2015, 54, 9328-9341.	1.8	91
22	Recent developments in materials synthesis in surfactant systems. Current Opinion in Colloid and Interface Science, 2002, 7, 288-295.	3.4	88
23	Production of cocoa butter-like fat from interesterification of vegetable oils. JAOCS, Journal of the American Oil Chemists' Society, 1990, 67, 832-834.	0.8	85
24	Nanoscale Zerovalent Iron Supported on Uniform Carbon Microspheres for the In situ Remediation of Chlorinated Hydrocarbons. ACS Applied Materials & Interfaces, 2010, 2, 2854-2862.	4.0	83
25	Intercalation in Novel Organogels with a "Stacked" Phenol Microstructure. Journal of the American Chemical Society, 1994, 116, 9464-9470.	6.6	82
26	Marine Oil Fate: Knowledge Gaps, Basic Research, and Development Needs; A Perspective Based on the Deepwater Horizon Spill. Environmental Engineering Science, 2011, 28, 87-93.	0.8	80
27	Hierarchical Mesoporous Carbon/Silica Nanocomposites from Phenyl-Bridged Organosilane. Advanced Materials, 2005, 17, 704-707.	11.1	79
28	The Combined Effect of Encapsulating Curcumin and C6 Ceramide in Liposomal Nanoparticles against Osteosarcoma. Molecular Pharmaceutics, 2014, 11, 417-427.	2.3	77
29	Multifunctional Ironâ^'Carbon Nanocomposites through an Aerosol-Based Process for the In Situ Remediation of Chlorinated Hydrocarbons. Environmental Science & Technology, 2011, 45, 1949-1954.	4.6	75
30	Formation of novel organogels by the addition of phenols to AOT micelles in isooctane. The Journal of Physical Chemistry, 1993, 97, 11350-11353.	2.9	73
31	Enzyme-Catalyzed Polymerization of Phenols within Polyelectrolyte Microcapsules. Macromolecules, 2004, 37, 4519-4524.	2.2	72
32	Solution Self-Assemblies of Sequence-Defined Ionic Peptoid Block Copolymers. Journal of the American Chemical Society, 2018, 140, 4100-4109.	6.6	72
33	Hydration Effects on Skin Microstructure as Probed by High-Resolution Cryo-Scanning Electron Microscopy and Mechanistic Implications to Enhanced Transcutaneous Delivery of Biomacromolecules. Journal of Pharmaceutical Sciences, 2010, 99, 730-740.	1.6	71
34	Bacterial proliferation on clay nanotube Pickering emulsions for oil spill bioremediation. Colloids and Surfaces B: Biointerfaces, 2018, 164, 27-33.	2.5	71
35	Thermoreversible and Injectable ABC Polypeptoid Hydrogels: Controlling the Hydrogel Properties through Molecular Design. Chemistry of Materials, 2016, 28, 727-737.	3.2	70
36	Silica-Templated Continuous Mesoporous Carbon Films by a Spin-Coating Technique. Advanced Materials, 2004, 16, 884-886.	11.1	69

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37	Cobalt-ferrite nanoparticles: Structure, cation distributions, and magnetic properties. Journal of Applied Physics, 2000, 87, 6223-6225.	1.1	68
38	Coreâ€“shell nanohydrogel structures as tunable delivery systems. Polymer, 2007, 48, 704-711.	1.8	68
39	Microstructural Characterization of Novel Phenolic Organogels through High-Resolution NMR Spectroscopy. The Journal of Physical Chemistry, 1994, 98, 3809-3817.	2.9	65
40	The Response of Carbon Black Stabilized Oil-in-Water Emulsions to the Addition of Surfactant Solutions. Langmuir, 2013, 29, 6790-6797.	1.6	65
41	Fluorescence quenching of CdS nanocrystallites in AOT water-in-oil microemulsions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1997, 127, 39-46.	2.3	62
42	Rheological characterization of a charged cationic hydrogel network across the gelation boundary. Polymer, 2006, 47, 1124-1131.	1.8	57
43	Surfactant Templating Effects on the Encapsulation of Iron Oxide Nanoparticles within Silica Microspheres. Langmuir, 2007, 23, 5143-5147.	1.6	57
44	Arsenic (V) removal with modifiable bulk and nano p(4-vinylpyridine)-based hydrogels: The effect of hydrogel sizes and quarternization agents. Desalination, 2011, 279, 344-352.	4.0	57
45	Microstructure evolution in aqueous solutions of cetyl trimethylammonium bromide (CTAB) and phenol derivatives. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2006, 281, 246-253.	2.3	54
46	Investigation of Amphiphilic Polypeptoid-Functionalized Halloysite Nanotubes as Emulsion Stabilizer for Oil Spill Remediation. ACS Applied Materials & Interfaces, 2019, 11, 27944-27953.	4.0	54
47	Protein recovery from reversed micellar solutions through contact with a pressurized gas phase. Biotechnology Progress, 1991, 7, 43-48.	1.3	53
48	Multifunctional Colloidal Particles for in Situ Remediation of Chlorinated Hydrocarbons. Environmental Science & Technology, 2009, 43, 8616-8621.	4.6	53
49	Flexible Optics: Recent Developments in Molecular Gels. Angewandte Chemie - International Edition, 2012, 51, 1760-1762.	7.2	53
50	Synthesis and magnetic properties of a novel ferrite organogel. Journal of Applied Physics, 1999, 85, 5965-5967.	1.1	52
51	Cobalt-ferrite nanoparticles: correlations between synthesis procedures, structural characteristics and magnetic properties. IEEE Transactions on Magnetics, 2001, 37, 2350-2352.	1.2	52
52	Carbon Microspheres as Ball Bearings in Aqueous-Based Lubrication. ACS Applied Materials & Interfaces, 2011, 3, 2215-2218.	4.0	51
53	Interfacial adsorption and surfactant release characteristics of magnetically functionalized halloysite nanotubes for responsive emulsions. Journal of Colloid and Interface Science, 2016, 463, 288-298.	5.0	51
54	Langmuir constants for spherical and linear molecules in clathrate hydrates. Validity of the cell theory. The Journal of Physical Chemistry, 1985, 89, 3279-3285.	2.9	50

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55	Spatial Compartmentalization of Nanoparticles into Strands of a Self-Assembled Organogel. Nano Letters, 2002, 2, 1037-1042.	4.5	50
56	Structural Evolution in Cationic Micelles upon Incorporation of a Polar Organic Dopant. Langmuir, 2004, 20, 9931-9937.	1.6	50
57	Comparison of Sorafenib-Loaded Poly (Lactic/Glycolic) Acid and DPPC Liposome Nanoparticles in the in Vitro Treatment of Renal Cell Carcinoma. Journal of Pharmaceutical Sciences, 2015, 104, 1187-1196.	1.6	50
58	Sacrificial amphiphiles: Eco-friendly chemical herders as oil spill mitigation chemicals. Science Advances, 2015, 1, e1400265.	4.7	50
59	Biofilm Formation by Hydrocarbon-Degrading Marine Bacteria and Its Effects on Oil Dispersion. ACS Sustainable Chemistry and Engineering, 2019, 7, 14490-14499.	3.2	49
60	Synthesis and reactivity of nanophase ferrites in reverse micellar solutions. Scripta Materialia, 1999, 12, 65-70.	0.5	48
61	The Role of Dispersants in Oil Spill Remediation: Fundamental Concepts, Rationale for Use, Fate, and Transport Issues. Oceanography, 2016, 29, 108-117.	0.5	48
62	The Synthesis of Mesoporous TiO₂/SiO₂/Fe₂O₃ Hybrid Particles Containing Micelle- Induced Macropores through an Aerosol Based Process. Langmuir, 2011, 27, 6252-6259.	1.6	47
63	Small Angle Neutron Scattering Study of Microstructural Transitions in a Surfactant-Based Gel Mesophase. Langmuir, 2002, 18, 624-632.	1.6	45
64	Development and Characterization of a Novel, Antimicrobial, Sterile Hydrogel Dressing for Burn Wounds: Singleâ€Step Production with Gamma Irradiation Creates Silver Nanoparticles and Radical Polymerization. Journal of Pharmaceutical Sciences, 2014, 103, 3244-3253.	1.6	45
65	Use of a Self-Assembling Organogel as a Reverse Template in the Preparation of Imprinted Porous Polymer Films. Langmuir, 2005, 21, 9322-9326.	1.6	44
66	In vitro degradation and release characteristics of spin coated thin films of PLGA with a â€œbreath figureâ€•morphology. Biomatter, 2012, 2, 77-86.	2.6	44
67	Microcapsule Modification with Peroxidase-Catalyzed Phenol Polymerization. Biomacromolecules, 2004, 5, 914-921.	2.6	43
68	Expression of the Mannose Receptor CD206 in HIV and SIV Encephalitis: A Phenotypic Switch of Brain Perivascular Macrophages with Virus Infection. Journal of NeuroImmune Pharmacology, 2014, 9, 716-726.	2.1	42
69	Crystallization-Driven Self-Assembly of Coilâ€"Comb-Shaped Polypeptoid Block Copolymers: Solution Morphology and Self-Assembly Pathways. Macromolecules, 2019, 52, 8867-8877.	2.2	42
70	Colloidal drug carries from (sub)micron hyaluronic acid hydrogel particles with tunable properties for biomedical applications. Carbohydrate Polymers, 2010, 82, 997-1003.	5.1	41
71	Highly Porous Acrylonitrile-Based Submicron Particles for UO22+ Absorption in an Immunosensor Assay. ACS Applied Materials & Interfaces, 2012, 4, 163-170.	4.0	40
72	Tuning the Wettability of Halloysite Clay Nanotubes by Surface Carbonization for Optimal Emulsion Stabilization. Langmuir, 2015, 31, 13700-13707.	1.6	40

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73	Creation of a Drug-Coated Glaucoma Drainage Device Using Polymer Technology. JAMA Ophthalmology, 2009, 127, 448.	2.6	39
74	Palladium catalysed polymerization of aryl diodides with acetylene gas in aqueous medium: a novel synthesis of areneethynylene polymers and oligomers. Chemical Communications, 1997, , 1569-1570.	2.2	37
75	A Novel Antiproliferative Drug Coating for Glaucoma Drainage Devices. Journal of Glaucoma, 2014, 23, 526-534.	0.8	37
76	PEROXIDASE, HEMATIN, AND PEGYLATED-HEMATIN CATALYZED VINYL POLYMERIZATIONS IN WATER. Journal of Macromolecular Science - Pure and Applied Chemistry, 2001, 38, 1219-1230.	1.2	34
77	Mesoporous silica with Ia3d cubic structure and good thermal stability. Chemical Communications, 2004, , 682-683.	2.2	34
78	Efficient dispersion of crude oil by blends of food-grade surfactants: Toward greener oil-spill treatments. Marine Pollution Bulletin, 2015, 101, 92-97.	2.3	34
79	MCM-41/ZSM-5 composite particles for the catalytic fast pyrolysis of biomass. Applied Catalysis A: General, 2020, 602, 117727.	2.2	34
80	Clathrate hydrate formation in reversed micellar solutions. The Journal of Physical Chemistry, 1989, 93, 8123-8126.	2.9	33
81	Modifying Metal Nanoparticle Placement on Carbon Supports Using an Aerosol-Based Process, with Application to the Environmental Remediation of Chlorinated Hydrocarbons. Langmuir, 2011, 27, 7854-7859.	1.6	33
82	Rod-like carbon nanostructures produced by the direct pyrolysis of Î±-cyclodextrin. Carbon, 2011, 49, 718-722.	5.4	33
83	Magnetic TiO2â€“SiO2 hybrid hollow spheres with TiO2 nanofibers on the surface and their formation mechanism. Journal of Materials Chemistry, 2012, 22, 17476.	6.7	33
84	Targeted and Stimulus-Responsive Delivery of Surfactant to the Oilâ€“Water Interface for Applications in Oil Spill Remediation. ACS Applied Materials & Interfaces, 2020, 12, 1840-1849.	4.0	33
85	Interesterification selectivity in lipase catalyzed reactions of low molecular weight triglycerides. Biotechnology Letters, 1988, 10, 555-558.	1.1	32
86	An Organogel Formed by the Addition of Selected Dihydroxynaphthalenes to AOT Inverse Micelles. Langmuir, 2000, 16, 3036-3041.	1.6	32
87	Surfactant-Templated Synthesis and Catalytic Properties of Patterned Nanoporous Titania Supports Loaded with Platinum Nanoparticles. Chemistry of Materials, 2008, 20, 5301-5306.	3.2	32
88	The stability of green nanoparticles in increased pH and salinity for applications in oil spill-treatment. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 493, 99-107.	2.3	32
89	Carbothermal Synthesis of Aerosol-Based Adsorptive-Reactive Ironâ€“Carbon Particles for the Remediation of Chlorinated Hydrocarbons. Industrial & Engineering Chemistry Research, 2011, 50, 13021-13029.	1.8	31
90	Shear Induced Formation of Patterned Porous Titania with Applications to Photocatalysis. Langmuir, 2009, 25, 7586-7593.	1.6	30

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91	Competitive reaction in intrazeolitic media. Industrial & Engineering Chemistry Research, 1988, 27, 401-409.	1.8	29
92	Engineered Clays as Sustainable Oil Dispersants in the Presence of Model Hydrocarbon Degrading Bacteria: The Role of Bacterial Sequestration and Biofilm Formation. ACS Sustainable Chemistry and Engineering, 2018, 6, 14143-14153.	3.2	29
93	Effect of Two Novel Sustained-Release Drug Delivery Systems on Bleb Fibrosis: An In Vivo Glaucoma Drainage Device Study in a Rabbit Model. Translational Vision Science and Technology, 2015, 4, 4.	1.1	28
94	Thermoresponsive Coatings on Hollow Particles with Mesoporous Shells Serve as Stimuli-Responsive Gates to Species Encapsulation and Release. Langmuir, 2018, 34, 14608-14616.	1.6	28
95	Formation of clathrate hydrates in hydrogen-rich gases. Industrial & Engineering Chemistry Process Design and Development, 1983, 22, 170-171.	0.6	27
96	Characteristics of protein-containing reversed micelles subjected to clathrate hydrate formation conditions. The Journal of Physical Chemistry, 1991, 95, 1467-1471.	2.9	27
97	Shear-Induced Alignment and Nanowire Silica Synthesis in a Rigid Crystalline Surfactant Mesophase. Journal of the American Chemical Society, 2004, 126, 2276-2277.	6.6	27
98	Inhibition of Cell Proliferation by Mitomycin C Incorporated into P(HEMA) Hydrogels. Journal of Glaucoma, 2006, 15, 291-298.	0.8	27
99	Clay Nanotube Liquid Marbles Enhanced with Inner Biofilm Formation for the Encapsulation and Storage of Bacteria at Room Temperature. ACS Applied Nano Materials, 2020, 3, 1263-1271.	2.4	27
100	Unusual Luminescence Spectra and Decay Dynamics in Crystalline Supramolecular [(A18C6)4MBr4][TlBr4]2(A = Rb, K; M = 3d Element) Complexes. Inorganic Chemistry, 1997, 36, 5539-5547.	1.9	26
101	Freeze Fracture Direct Imaging of a Viscous Surfactant Mesophase. Langmuir, 2004, 20, 11-15.	1.6	26
102	Mesoporous Carbon Nanocapsules from Enzymatically Polymerized Poly(4-ethylphenol) Confined in Silica Aerosol Particles. Advanced Materials, 2006, 18, 2735-2738.	11.1	25
103	Small Angle Neutron Scattering Study of Mixed AOT + Lecithin Reverse Micelles. Langmuir, 2002, 18, 8345-8349.	1.6	24
104	Temperature-Induced Protein Release from Water-in-Oil-in-Water Double Emulsions. Langmuir, 2008, 24, 7154-7160.	1.6	24
105	Undulating Tubular Liposomes through Incorporation of a Synthetic Skin Ceramide into Phospholipid Bilayers. Langmuir, 2009, 25, 10422-10425.	1.6	24
106	Hydrates of methane + butane below the ice point. Journal of Chemical & Engineering Data, 1982, 27, 18-21.	1.0	23
107	Lipase Catalysis and Its Applications. , 1991, , 193-217.		23
108	Magnetoresistance of a (Î³-Fe2O3)80Ag20 nanocomposite prepared in reverse micelles. Journal of Applied Physics, 2000, 87, 7001-7003.	1.1	23

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109	Polymer Precipitation Using a Micellar Nonsolvent:Â The Role of Surfactantâˆ'Polymer Interactions and the Development of a Microencapsulation Technique. Industrial & Engineering Chemistry Research, 1996, 35, 3100-3107.	1.8	22
110	A spontaneous phase transition from reverse micelles to organogels due to surfactant interactions with specific benzenediols. Journal of Molecular Liquids, 1997, 72, 121-135.	2.3	22
111	Aggregationâ€Enhanced Photoluminescence and Photoacoustics of Atomically Precise Gold Nanoclusters in Lipid Nanodiscs (NANO²). Advanced Functional Materials, 2021, 31, 2009750.	7.8	22
112	EPR characterizations of ?-chymotrypsin active site dynamics in reversed micelles at enhanced gas pressures and after subjection to clathrate formation conditions. Biotechnology and Bioengineering, 1994, 43, 215-224.	1.7	21
113	Structured materials syntheses in a self-assembled surfactant mesophase. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2000, 174, 275-281.	2.3	21
114	In Situ Assembly of Hydrophilic and Hydrophobic Nanoparticles at Oilâ€"Water Interfaces as a Versatile Strategy To Form Stable Emulsions. ACS Applied Materials & Interfaces, 2015, 7, 21010-21014.	4.0	21
115	Characteristics of Lipase Catalysis During Ester Synthesis in Reversed Micellar Systems. Biocatalysis, 1991, 4, 253-264.	0.9	20
116	Ferrite synthesis in microstructured media: Template effects and magnetic properties. Journal of Applied Physics, 1997, 81, 4741-4743.	1.1	20
117	Ablative Focused Ultrasound Synergistically Enhances Thermally Triggered Chemotherapy for Prostate Cancer <i>in Vitro</i>. Molecular Pharmaceutics, 2016, 13, 3080-3090.	2.3	20
118	Thermodynamics of multicomponent hydrate forming mixtures. Fluid Phase Equilibria, 1983, 14, 353-361.	1.4	19
119	Modification of enzyme activity in reversed micelles through clathrate hydrate formation. Biotechnology Progress, 1990, 6, 465-471.	1.3	19
120	Shear-Induced Orientation of a Rigid Surfactant Mesophase. Langmuir, 2004, 20, 5693-5702.	1.6	19
121	Nucleation and Growth Characteristics of a Binary Low-Mass Organogel. Langmuir, 2006, 22, 7416-7420.	1.6	19
122	Focused Ultrasoundâ€"Triggered Release of Tyrosine Kinase Inhibitor From Thermosensitive Liposomes for Treatment of Renal Cell Carcinoma. Journal of Pharmaceutical Sciences, 2017, 106, 1355-1362.	1.6	19
123	Stoppers and Skins on Clay Nanotubes Help Stabilize Oil-in-Water Emulsions and Modulate the Release of Encapsulated Surfactants. ACS Applied Nano Materials, 2019, 2, 3490-3500.	2.4	19
124	Liposomes in Double-Emulsion Globules. Langmuir, 2010, 26, 3225-3231.	1.6	18
125	Cryo-Field Emission Scanning Electron Microscopy Imaging of a Rigid Surfactant Mesophase. Langmuir, 2008, 24, 10621-10624.	1.6	17
126	Coreactant-induced modifications of catalytic behavior in zeolitic systems. Industrial & Engineering Chemistry Research, 1989, 28, 1613-1618.	1.8	16

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127	Structural Evolution of a Two-Component Organogel. Langmuir, 2004, 20, 7392-7398.	1.6	16
128	Water Decontamination Using Iron and Iron Oxide Nanoparticles. , 2009, , 347-364.		16
129	Carbon microspheres as network nodes in a novel biocompatible gel. Soft Matter, 2011, 7, 4170.	1.2	16
130	Amphiphilic Polypeptoids Serve as the Connective Glue to Transform Liposomes into Multilamellar Structures with Closely Spaced Bilayers. Langmuir, 2017, 33, 2780-2789.	1.6	16
131	Surfactant Solubilization and the Direct Encapsulation of Interfacially Active Phenols in Mesoporous Silicas. Langmuir, 2008, 24, 1031-1036.	1.6	15
132	Novel â€œBreath Figureâ€â€Based Synthetic PLGA Matrices for In Vitro Modeling of Mammary Morphogenesis and Assessing Chemotherapeutic Response. Advanced Healthcare Materials, 2014, 3, 703-713.	3.9	15
133	Simulation Study of Hydrophobically Modified Chitosan as an Oil Dispersant Additive. Journal of Physical Chemistry B, 2015, 119, 6979-6990.	1.2	15
134	Hydrogel Inverse Replicas of Breath Figures Exhibit Superoleophobicity Due to Patterned Surface Roughness. Langmuir, 2016, 32, 1009-1017.	1.6	15
135	Environmental Remediation of Chlorinated Hydrocarbons Using Biopolymer Stabilized Iron Loaded Halloysite Nanotubes. ACS Sustainable Chemistry and Engineering, 2017, 5, 10976-10985.	3.2	15
136	Modifications of CdS nanoparticle characteristics through synthesis in reversed micelles and exposure to enhanced gas pressures and reduced temperatures. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1994, 82, 151-162.	2.3	14
137	Polymer microsphere and polymer-ferrite nanocomposite preparation by precipitation from water-in-oil microemulsions. Colloid and Polymer Science, 1997, 275, 930-937.	1.0	14
138	Higher crystallinity superparamagnetic ferrites: Controlled synthesis in lecithin gels and magnetic properties. Journal of Applied Physics, 1999, 85, 5178-5180.	1.1	14
139	Water-in-Trichloroethylene Emulsions Stabilized by Uniform Carbon Microspheres. Langmuir, 2012, 28, 1058-1063.	1.6	14
140	Synthesis of Submicrometer Hollow Particles with a Nanoscale Double-Layer Shell Structure. Langmuir, 2012, 28, 13783-13787.	1.6	14
141	Spatially directed vesicle capture in the ordered pores of breath-figure polymer films. Soft Matter, 2015, 11, 5188-5191.	1.2	14
142	Biocatalysis in the development of functional polymerâ€“ceramic nanocomposites. Colloids and Surfaces B: Biointerfaces, 2004, 39, 143-150.	2.5	13
143	Microstructural characteristics of surfactant assembly into a gel-like mesophase for application as an oil spill dispersant. Journal of Colloid and Interface Science, 2018, 524, 279-288.	5.0	13
144	Transformation of Lipid Vesicles into Micelles by Adding Nonionic Surfactants: Elucidating the Structural Pathway and the Intermediate Structures. Journal of Physical Chemistry B, 2022, 126, 2208-2216.	1.2	13

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145	Enzymatic polymerizations using surfactant microstructures and the preparation of polymer-ferrite composites. Applied Biochemistry and Biotechnology, 1995, 51-52, 241-252.	1.4	12
146	In aqua synthesis of a high molecular weight arylethynylene polymer with reversible hydrogel properties. Chemical Communications, 1998, , 1351-1352.	2.2	12
147	Liposomes tethered to a biopolymer film through the hydrophobic effect create a highly effective lubricating surface. Soft Matter, 2014, 10, 9226-9229.	1.2	12
148	Amphiphilic Polypeptoids Rupture Vesicle Bilayers To Form Peptoidâ€“Lipid Fragments Effective in Enhancing Hydrophobic Drug Delivery. Langmuir, 2019, 35, 15335-15343.	1.6	12
149	A Nanocomposite of Halloysite/Surfactant/Wax to Inhibit Surfactant Adsorption onto Reservoir Rock Surfaces for Improved Oil Recovery. Energy & Fuels, 2020, 34, 8074-8084.	2.5	12
150	31P and1H NMR as Probes of Domain Alignment in a Rigid Crystalline Surfactant Mesophase. Langmuir, 2005, 21, 3795-3801.	1.6	11
151	Controlled release from a nanocarrier entrapped within a microcarrier. Journal of Colloid and Interface Science, 2006, 301, 617-623.	5.0	11
152	Clusters of Nanoscale Liposomes Modulate the Release of Encapsulated Species and Mimic the Compartmentalization Intrinsic in Cell Structures. ACS Applied Nano Materials, 2019, 2, 7134-7143.	2.4	11
153	Insulin-Like Growth Factor-1â€“Loaded Polymeric Poly(Lactic-Co-Glycolic) Acid Microspheres Improved Erectile Function in a Rat Model of Bilateral Cavernous Nerve Injury. Journal of Sexual Medicine, 2019, 16, 383-393.	0.3	11
154	Aldehyde allylation. Green Chemistry, 1999, 1, 265-268.	4.6	10
155	Aggregation of cyclic polypeptoids bearing zwitterionic end-groups with attractive dipoleâ€“dipole and solvophobic interactions: a study by small-angle neutron scattering and molecular dynamics simulation. Physical Chemistry Chemical Physics, 2017, 19, 14388-14400.	1.3	10
156	Rapid fabrication of hollow and yolkâ€“shell Î±-Fe₂O₃ particles with applications to enhanced photo-Fenton reactions. RSC Advances, 2017, 7, 39049-39056.	1.7	10
157	Hydrophobically modified chitosan biopolymer connects halloysite nanotubes at the oil-water interface as complementary pair for stabilizing oil droplets. Journal of Colloid and Interface Science, 2022, 620, 135-143.	5.0	10
158	Nanophase Magnetic Materials: Synthesis and Properties. Molecular Crystals and Liquid Crystals, 1999, 335, 423-442.	0.3	9
159	Nanostructured Materials Synthesis in a Mixed Surfactant Mesophase. Journal of Dispersion Science and Technology, 2002, 23, 441-452.	1.3	9
160	Photopolymerization of Acrylamide Derivatives in Polyelectrolyte Microcapsules. Chemistry Letters, 2005, 34, 1536-1537.	0.7	9
161	A simple extrusion method for the synthesis of aligned silica nanowires using the template of a rigid surfactant mesophase. Chemical Communications, 2005, , 4517.	2.2	9
162	Improved dermal delivery of FITCâ€“BSA using a combination of passive and active methods. Journal of Pharmaceutical Sciences, 2011, 100, 4804-4814.	1.6	9

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