

Masahiko Abe

List of Publications by Year in descending order

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404
papers

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citations

31976
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416
all docs

416
docs citations

416
times ranked

11364
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of vesicles prepared with various non-ionic surfactants mixed with cholesterol. Colloids and Surfaces B: Biointerfaces, 2003, 30, 129-138.	5.0	297
2	Control of Viscoelasticity Using Redox Reaction. Journal of the American Chemical Society, 2004, 126, 12282-12283.	13.7	255
3	Structural and physicochemical characterization of crude biosurfactant produced by Pseudomonas aeruginosa SP4 isolated from petroleum-contaminated soil. Bioresource Technology, 2008, 99, 1589-1595.	9.6	238
4	Direct Synthesis of Mesoporous Titania Particles Having a Crystalline Wall. Journal of the American Chemical Society, 2005, 127, 16396-16397.	13.7	213
5	Preparation of Highly Dispersed Core/Shell-type Titania Nanocapsules Containing a Single Ag Nanoparticle. Journal of the American Chemical Society, 2006, 128, 4944-4945.	13.7	200
6	Preparation of Highly Crystalline TiO ₂ Nanostructures by Acid-assisted Hydrothermal Treatment of Hexagonal-structured Nanocrystalline Titania/Cetyltrimethylammonium Bromide Nanoskeleton. Nanoscale Research Letters, 2010, 5, 1829-1835.	5.7	182
7	A novel membrane antigen selectively expressed on terminally differentiated human B cells. Blood, 1994, 84, 1922-1930.	1.4	173
8	Development of a New Preparation Method of Liposomes Using Supercritical Carbon Dioxide. Langmuir, 2001, 17, 3898-3901.	3.5	168
9	Photoinduced Reversible Change of Fluid Viscosity. Journal of the American Chemical Society, 2005, 127, 13454-13455.	13.7	166
10	Diagnosis of t(2;5)(p23;q35)-associated Ki-1 lymphoma with immunohistochemistry. Blood, 1994, 84, 3648-3652.	1.4	154
11	Hepatic Akt Activation Induces Marked Hypoglycemia, Hepatomegaly, and Hypertriglyceridemia With Sterol Regulatory Element Binding Protein Involvement. Diabetes, 2003, 52, 2905-2913.	0.6	149
12	Photochemical Switching of Vesicle Formation Using an Azobenzene-Modified Surfactant. Journal of Physical Chemistry B, 1999, 103, 10737-10740.	2.6	145
13	On the Generation of Hot-Spots by Microwave Electric and Magnetic Fields and Their Impact on a Microwave-Assisted Heterogeneous Reaction in the Presence of Metallic Pd Nanoparticles on an Activated Carbon Support. Journal of Physical Chemistry C, 2011, 115, 23030-23035.	3.1	142
14	Spontaneous Vesicle Formation from Aqueous Solutions of Didodecyldimethylammonium Bromide and Sodium Dodecyl sulfate Mixtures. Langmuir, 1995, 11, 2380-2384.	3.5	140
15	Preparation of Liposomes Using an Improved Supercritical Reverse Phase Evaporation Method. Langmuir, 2006, 22, 2543-2550.	3.5	134
16	Isolation and comparison of biosurfactants produced by Bacillus subtilis PT2 and Pseudomonas aeruginosa SP4 for microbial surfactant-enhanced oil recovery. Biochemical Engineering Journal, 2008, 42, 172-179.	3.6	134
17	Reversible Release Control of an Oily Substance Using Photoresponsive Micelles. Langmuir, 2001, 17, 6072-6076.	3.5	116
18	TiO ₂ -based superhydrophobic/superhydrophilic patterns: Fabrication via an ink-jet technique and application in offset printing. Applied Surface Science, 2009, 255, 6221-6225.	6.1	113

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19	Electrochemical characterization of various metal foils as a current collector of positive electrode for rechargeable lithium batteries. Journal of Power Sources, 1997, 68, 301-303.	7.8	112
20	Aqueous-Phase Behavior of Natural Glycolipid Biosurfactant Mannosylerythritol Lipid A: A Sponge, Cubic, and Lamellar Phases. Langmuir, 2007, 23, 1659-1663.	3.5	108
21	Direct Evidence on C-C Single Bonding in Single-Wall Carbon Nanohorn Aggregates. Journal of Physical Chemistry C, 2007, 111, 5572-5575.	3.1	104
22	A transparent and photo-patternable superhydrophobic film. Chemical Communications, 2007, , 4949.	4.1	102
23	Access to small size distributions of nanoparticles by microwave-assisted synthesis. Formation of Ag nanoparticles in aqueous carboxymethylcellulose solutions in batch and continuous-flow reactors. Nanoscale, 2010, 2, 1441.	5.6	92
24	Inhibition by interleukin-10 of inducible cyclooxygenase expression in lipopolysaccharide-stimulated monocytes: its underlying mechanism in comparison with interleukin-4. Blood, 1995, 85, 3736-3745.	1.4	89
25	Solubilization of Some Synthetic Perfumes by Anionic-Nonionic Mixed Surfactant Systems. 1. Langmuir, 1995, 11, 725-729.	3.5	86
26	Adsorption and micellization behavior of novel gluconamide-type gemini surfactants. Journal of Colloid and Interface Science, 2008, 318, 440-448.	9.4	85
27	Adsorption and aggregation properties of amino acid-based N-alkyl cysteine monomeric and -dialkyl cysteine gemini surfactants. Journal of Colloid and Interface Science, 2007, 308, 466-473.	9.4	82
28	Anti-aging efficacy of topical formulations containing niosomes entrapped with rice bran bioactive compounds. Pharmaceutical Biology, 2012, 50, 208-224.	2.9	79
29	Preparation of a W/scCO ₂ Microemulsion Using Fluorinated Surfactants. Langmuir, 2003, 19, 220-225.	3.5	77
30	Synthesis of Microtubes with a Surface of "House of Cards" Structure via Needlelike Particles and Control of Their Pore Size. Langmuir, 2005, 21, 3659-3663.	3.5	75
31	Structural diversity, physicochemical properties and application of imidazolium surfactants: Recent advances. Advances in Colloid and Interface Science, 2016, 231, 36-58.	14.7	74
32	Syntheses of Hybrid Anionic Surfactants Containing Fluorocarbon and Hydrocarbon Chains. Langmuir, 1995, 11, 466-469.	3.5	71
33	Contribution of Anaphylatoxin C5a to Late Airway Responses After Repeated Exposure of Antigen to Allergic Rats. Journal of Immunology, 2001, 167, 4651-4660.	0.8	69
34	Preparation of Oleic Acid/Water Emulsions in Surfactant-Free Condition by Sequential Processing Using Midsonic and Megasonic Waves. Langmuir, 2004, 20, 2043-2047.	3.5	67
35	Characteristics of niosomes prepared by supercritical carbon dioxide (scCO ₂) fluid. International Journal of Pharmaceutics, 2008, 352, 248-255.	5.2	67
36	Detection of Melatonin, Its Precursors and Related Enzyme Activities in Rabbit Lens. Experimental Eye Research, 1999, 68, 255-262.	2.6	66

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37	Sliding of Water Droplets on the Superhydrophobic Surface with ZnO Nanorods—Part of the “Langmuir 25th Year: Wetting and superhydrophobicity” special issue.. Langmuir, 2009, 25, 14182-14186.	3.5	66
38	Current perspective of sustainable surfactants based on renewable building blocks. Current Opinion in Colloid and Interface Science, 2020, 45, 124-135.	7.4	65
39	Preparation and Formation Mechanism of Mesoporous Titania Particles Having Crystalline Wall. Chemistry of Materials, 2006, 18, 2256-2260.	6.7	64
40	Electrochemical Control of Vesicle Formation with a Double-Tailed Cationic Surfactant Bearing Ferrocenyl Moieties. Langmuir, 2001, 17, 8044-8048.	3.5	63
41	Increased neuropeptide Y content in the arcuate-paraventricular hypothalamic neuronal system in both insulin-dependent and non-insulin-dependent diabetic rats. Brain Research, 1991, 539, 223-227.	2.2	61
42	Solution Properties of Double-Tailed Cationic Surfactants Having Ferrocenyl Groups in Their Hydrophobic Moieties. Langmuir, 1996, 12, 921-924.	3.5	61
43	One-Step Preparation of Chitosan-Coated Cationic Liposomes by an Improved Supercritical Reverse-Phase Evaporation Method. Langmuir, 2006, 22, 4054-4059.	3.5	60
44	Aqueous-phase behavior and vesicle formation of natural glycolipid biosurfactant, mannosylerythritol lipid-B. Colloids and Surfaces B: Biointerfaces, 2008, 65, 106-112.	5.0	60
45	Photocatalytic and photoelectrochemical studies on N-doped TiO ₂ photocatalyst. Journal of Photochemistry and Photobiology A: Chemistry, 2009, 202, 39-47.	3.9	60
46	Japan gastric trials in intraoperative radiation therapy. International Journal of Radiation Oncology Biology Physics, 1988, 15, 1431-1433.	0.8	58
47	Control of Physicochemical Properties of Liposomes Using a Supercritical Reverse Phase Evaporation Method. Langmuir, 2003, 19, 2021-2025.	3.5	58
48	Effects of CO ₂ -philic Tail Structure on Phase Behavior of Fluorinated Aerosol-OT Analogue Surfactant/Water/Supercritical CO ₂ Systems. Langmuir, 2003, 19, 8161-8167.	3.5	58
49	Interfacial Properties of Branch-Tailed Fluorinated Surfactants Yielding a Water/Supercritical CO ₂ Microemulsion. Langmuir, 2004, 20, 2560-2566.	3.5	57
50	New ester based gemini surfactants: the effect of different cationic headgroups on micellization properties and viscosity of aqueous micellar solution. Physical Chemistry Chemical Physics, 2015, 17, 19474-19483.	2.8	57
51	Surfactant- and reducer-free synthesis of gold nanoparticles in aqueous solutions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 347, 18-26.	4.7	56
52	RBM band shift-evidenced dispersion mechanism of single-wall carbon nanotube bundles with NaDDBS. Journal of Colloid and Interface Science, 2007, 308, 276-284.	9.4	55
53	Preparation of Gold/Silver/Titania Trilayered Nanorods and Their Photocatalytic Activities. Langmuir, 2014, 30, 922-928.	3.5	55
54	Kinetic studies on the interactions between glycolipid biosurfactant assembled monolayers and various classes of immunoglobulins using surface plasmon resonance. Colloids and Surfaces B: Biointerfaces, 2007, 58, 165-171.	5.0	54

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55	Surfactant-free O/W emulsion formation of oleic acid and its esters with ultrasonic dispersion. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2001, 180, 41-53.	4.7	53
56	Effects of Water on Solvation Layers of Imidazolium-Type Room Temperature Ionic Liquids on Silica and Mica. Langmuir, 2015, 31, 6085-6091.	3.5	53
57	Temperature-Dependent Vesicle Formation of Aqueous Solutions of Mixed Cationic and Anionic Surfactants. Langmuir, 2004, 20, 2117-2122.	3.5	52
58	Intraoperative radiation therapy for gastric cancer. World Journal of Surgery, 1995, 19, 554-557.	1.6	50
59	Adsorption and Aggregation Properties of Heterogemini Surfactants Containing a Quaternary Ammonium Salt and a Sugar Moiety. Langmuir, 2006, 22, 9187-9191.	3.5	50
60	Polymerizable Cationic Gemini Surfactant. Langmuir, 2006, 22, 8293-8297.	3.5	50
61	Assembly and Photoinduced Organization of Mono- and Oligopeptide Molecules Containing an Azobenzene Moiety. Advanced Functional Materials, 2007, 17, 1507-1514.	14.9	50
62	Synthesis and aqueous solution properties of novel anionic heterogemini surfactants containing a phosphate headgroup. Journal of Colloid and Interface Science, 2009, 338, 229-235.	9.4	50
63	Thermodynamically stable vesicle formation from glycolipid biosurfactant sponge phase. Colloids and Surfaces B: Biointerfaces, 2005, 43, 115-121.	5.0	49
64	Characterization of microwave effects on metal-oxide materials: Zinc oxide and titanium dioxide. Applied Catalysis B: Environmental, 2009, 91, 362-367.	20.2	49
65	Viscoelastic Wormlike Micelles of Long Polyoxyethylene Chain Phytosterol with Lipophilic Nonionic Surfactant in Aqueous Solution. Journal of Physical Chemistry B, 2009, 113, 3043-3050.	2.6	49
66	Langmuir Nanoarchitectonics: One-Touch Fabrication of Regularly Sized Nanodisks at the Air-Water Interface. Langmuir, 2013, 29, 7239-7248.	3.5	49
67	First Anionic Micelle with Unusually Long Lifetime: Self-Assembly of Fluorocarbon-Hydrocarbon Hybrid Surfactant. Journal of the American Chemical Society, 2002, 124, 6516-6517.	13.7	48
68	Surfactant-Mixing Effects on the Interfacial Tension and the Microemulsion Formation in Water/Supercritical CO ₂ System. Langmuir, 2007, 23, 2369-2375.	3.5	48
69	A Newly Estimated Glomerular Filtration Rate Is Independently Associated with Arterial Stiffness in Japanese Patients. Hypertension Research, 2008, 31, 193-201.	2.7	48
70	Biological activities of the rice bran extract and physical characteristics of its entrapment in niosomes by supercritical carbon dioxide fluid. Journal of Supercritical Fluids, 2010, 54, 137-144.	3.2	48
71	Adsorption Characteristics of Spiropyran-Modified Cationic Surfactants at the Silica/Aqueous Solution Interface. Langmuir, 2010, 26, 9283-9288.	3.5	47
72	Microwave effect in the dehydrogenation of tetralin and decalin with a fixed-bed reactor. International Journal of Hydrogen Energy, 2012, 37, 3242-3250.	7.1	47

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73	Micellar Solution Properties of Fluorocarbon-Hydrocarbon Hybrid Surfactants. <i>Langmuir</i> , 1996, 12, 5768-5772.	3.5	46
74	Sustainable oleic and stearic acid based biodegradable surfactants. <i>RSC Advances</i> , 2017, 7, 10433-10442.	3.6	46
75	Surface adsorption and aggregate formation of nonionic surfactants in a room temperature ionic liquid, 1-butyl-3-methylimidazolium hexafluorophosphate (bmimPF ₆). <i>Journal of Colloid and Interface Science</i> , 2011, 358, 527-533.	9.4	45
76	Photo-isomerization of spiropyran-modified cationic surfactants. <i>Journal of Colloid and Interface Science</i> , 2007, 316, 1027-1030.	9.4	44
77	Production of Glycolipid Biosurfactants, Cellobiose Lipids, by <i>Cryptococcus humicola</i> JCM 1461 and Their Interfacial Properties. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 1597-1599.	1.3	44
78	Preparation of liposomes containing Ceramide 3 and their membrane characteristics. <i>Colloids and Surfaces B: Biointerfaces</i> , 2001, 20, 1-8.	5.0	43
79	Detection of Ethanol in Alcoholic Beverages or Vapor Phase Using Fluorescent Molecules Embedded in a Nanofibrous Polymer. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 6189-6194.	8.0	43
80	β -aminobutyric acid and taurine antagonize the central effects of angiotensin II and renin on the intake of water and salt, and on blood pressure in rats. <i>Neuropharmacology</i> , 1988, 27, 309-318.	4.1	42
81	Dispersion and Stabilizing Effects of n-Hexadecane on Tetralin and Benzene Metastable Droplets in Surfactant-Free Conditions. <i>Langmuir</i> , 1999, 15, 1913-1917.	3.5	42
82	Direct Observation of Flocculation/Coalescence of Metastable Oil Droplets in Surfactant-free Oil/Water Emulsion by Freeze-Fracture Electron Microscopy. <i>Langmuir</i> , 2001, 17, 255-259.	3.5	42
83	Reversible control of vesicle formation using electrochemical reaction. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004, 232, 221-228.	4.7	42
84	Control of Two-Dimensional Nanopatterns by Adjusting Intermolecular Interactions. <i>Advanced Materials</i> , 2007, 19, 3668-3671.	21.0	42
85	Surfactant assisted synthesis and spectroscopic characterization of selenium nanoparticles in ambient conditions. <i>Nanotechnology</i> , 2008, 19, 295601.	2.6	42
86	Production and Characterization of a Glycolipid Biosurfactant, Mannosylerythritol Lipid B, from Sugarcane Juice by <i>Ustilago scitaminea</i> NBRC 32730. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 1371-1376.	1.3	42
87	Enzymatic synthesis of a novel glycolipid biosurfactant, mannosylerythritol lipid-D and its aqueous phase behavior. <i>Carbohydrate Research</i> , 2011, 346, 266-271.	2.3	42
88	Wormlike Micelle Formation by Acylglutamic Acid with Alkylamines. <i>Langmuir</i> , 2012, 28, 17617-17622.	3.5	42
89	Recent Advances in Gemini Surfactants: Oleic Acid-Based Gemini Surfactants and Polymerizable Gemini Surfactants. <i>Journal of Oleo Science</i> , 2011, 60, 159-163.	1.4	41
90	Water/Supercritical CO ₂ Microemulsions with Mixed Surfactant Systems. <i>Langmuir</i> , 2008, 24, 10116-10122.	3.5	40

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91	Monolayers assembled from a glycolipid biosurfactant from <i>Pseudozyma (Candida) antarctica</i> serve as a high-affinity ligand system for immunoglobulin G and M. <i>Biotechnology Letters</i> , 2007, 29, 865-870.	2.2	39
92	Peptide-Based Gemini Amphiphiles: Phase Behavior and Rheology of Wormlike Micelles. <i>Langmuir</i> , 2012, 28, 15472-15481.	3.5	39
93	Phase behavior of ternary mannosylerythritol lipid/water/oil systems. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 68, 207-212.	5.0	37
94	Production of Glycolipid Biosurfactants, Mannosylerythritol Lipids, by a Smut Fungus, <i>Ustilago scitaminea</i> NBRC 32730. <i>Bioscience, Biotechnology and Biochemistry</i> , 2009, 73, 788-792.	1.3	37
95	Fabrication and Photocatalytic Properties of TiO ₂ Nanotube Arrays Modified with Phosphate. <i>Chemistry Letters</i> , 2011, 40, 1107-1109.	1.3	37
96	Solubilization of 2-phenylethanol in surfactant vesicles and micelles. <i>Langmuir</i> , 1993, 9, 899-902.	3.5	36
97	Close Relationship of Abnormal Glucose Tolerance With Endothelial Dysfunction in Hypertension. <i>Hypertension</i> , 2000, 36, 245-249.	2.7	36
98	Photochemical Control of Molecular Assembly Formation in a Catanionic Surfactant System. <i>Langmuir</i> , 2011, 27, 1610-1617.	3.5	36
99	Microwave frequency effect in the formation of Au nanocolloids in polar and non-polar solvents. <i>Nanoscale</i> , 2011, 3, 1697.	5.6	36
100	A novel liquid plasma AOP device integrating microwaves and ultrasounds and its evaluation in defluorinating perfluorooctanoic acid in aqueous media. <i>Ultrasonics Sonochemistry</i> , 2011, 18, 938-942.	8.2	36
101	Micrometer-level naked-eye detection of caesium particulates in the solid state. <i>Science and Technology of Advanced Materials</i> , 2013, 14, 015002.	6.1	36
102	Neuropeptide Y in the specific hypothalamic nuclei of rats treated neonatally with monosodium glutamate. <i>Brain Research Bulletin</i> , 1990, 24, 289-291.	3.0	35
103	Rheological Properties of Polyoxyethylene Cholesteryl Ether Wormlike Micelles in Aqueous System. <i>Journal of Physical Chemistry B</i> , 2011, 115, 2937-2946.	2.6	35
104	Self-aggregation properties of new ester-based gemini surfactants and their rheological behavior in the presence of cosurfactant α -monolaurin. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 461, 258-266.	4.7	35
105	A basidiomycetous yeast, <i>Pseudozyma crassa</i> , produces novel diastereomers of conventional mannosylerythritol lipids as glycolipid biosurfactants. <i>Carbohydrate Research</i> , 2008, 343, 2947-2955.	2.3	34
106	Microwave-enhanced radical reactions at ambient temperature : Part 3: Highly selective radical synthesis of 3-cyclohexyl-1-phenyl-1-butanone in a microwave double cylindrical cooled reactor. <i>New Journal of Chemistry</i> , 2008, 32, 2257.	2.8	33
107	Novel designs of microwave discharge electrodeless lamps (MDEL) in photochemical applications. Use in advanced oxidation processes. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 1087-1104.	2.9	33
108	Enzymatic Conversion of Diacetylated Sophorolipid into Acetylated Glucoselipid: Surface-Active Properties of Novel Bolaform Biosurfactants. <i>Journal of Oleo Science</i> , 2010, 59, 495-501.	1.4	33

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109	Hydrogen production from tetralin over microwave-accelerated Pt-supported activated carbon. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 6179-6183.	7.1	33
110	UV/Thermally Driven Rewritable Wettability Patterns on TiO ₂ /PDMS Composite Films. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 2485-2488.	8.0	33
111	Structure and Dynamics of Poly(oxyethylene) Cholesteryl Ether Wormlike Micelles: Rheometry, SAXS, and Cryo-TEM Studies. <i>Langmuir</i> , 2011, 27, 12877-12883.	3.5	33
112	Preparation and Photocatalytic Activity of Robust Titania Monoliths for Water Remediation. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 500-504.	8.0	33
113	Characteristics of transmural potential changes associated with the proton-peptide co-transport in toad small intestine.. <i>Journal of Physiology</i> , 1987, 394, 481-499.	2.9	32
114	Light-Induced J-Aggregation of Merocyanine in Langmuir and Langmuir-Blodgett Films. <i>Journal of Physical Chemistry B</i> , 2002, 106, 11487-11491.	2.6	32
115	Electrochemical Reaction in an Aqueous Solution of a Ferrocene-Modified Cationic Surfactant Mixed with an Anionic Surfactant. <i>Langmuir</i> , 2003, 19, 9343-9350.	3.5	32
116	The diastereomers of mannosylerythritol lipids have different interfacial properties and aqueous phase behavior, reflecting the erythritol configuration. <i>Carbohydrate Research</i> , 2012, 351, 81-86.	2.3	32
117	Intracellular Imaging of Cesium Distribution in <i>Arabidopsis</i> Using Cesium Green. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 8208-8211.	8.0	32
118	Structures and photoisomerization of the polyion complex Langmuir-Blodgett films of an amphiphile bearing two azobenzene units. <i>Thin Solid Films</i> , 1996, 284-285, 73-75.	1.8	31
119	Interleukin-1 β enhances and interferon- γ suppresses activin A actions by reciprocally regulating activin A and follistatin secretion from bone marrow stromal fibroblasts. <i>Clinical and Experimental Immunology</i> , 2001, 126, 64-68.	2.6	31
120	Dispersion and Stabilization in Water of Droplets of Hydrophobic Organic Liquids with the Addition of Hydrophobic Polymers. <i>Langmuir</i> , 2003, 19, 4063-4069.	3.5	31
121	Phytosterol Ethoxylates in Room-Temperature Ionic Liquids: Excellent Interfacial Properties and Gel Formation. <i>Langmuir</i> , 2009, 25, 2601-2603.	3.5	31
122	Localized Hyperthermia and Radiation in Cancer Therapy. <i>International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine</i> , 1985, 47, 347-359.	1.0	30
123	Adsorption Characteristics of Monomeric/Gemini Surfactant Mixtures at the Silica/Aqueous Solution Interface. <i>Langmuir</i> , 2010, 26, 17119-17125.	3.5	30
124	Inhibitory effect of methylmercury on migration and tube formation by cultured human vascular endothelial cells. <i>Archives of Toxicology</i> , 1995, 69, 357-361.	4.2	29
125	Effects of fluoroalkyl chain length and added moles of oxyethylene on aggregate formation of branched-tail fluorinated anionic surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2001, 183-185, 749-755.	4.7	29
126	Optimum Tail Length of Fluorinated Double-Tail Anionic Surfactant for Water/Supercritical CO ₂ Microemulsion Formation. <i>Langmuir</i> , 2007, 23, 8784-8788.	3.5	29

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127	Microwave frequency effects on the photoactivity of TiO ₂ : Dielectric properties and the degradation of 4-chlorophenol, bisphenol A and methylene blue. Chemical Physics Letters, 2009, 470, 304-307.	2.6	29
128	Microwave-Specific Effects in Various TiO ₂ Specimens. Dielectric Properties and Degradation of 4-Chlorophenol. Journal of Physical Chemistry C, 2009, 113, 5649-5657.	3.1	29
129	Photorheological Response of Aqueous Wormlike Micelles with Photocleavable Surfactant. Langmuir, 2013, 29, 5668-5676.	3.5	29
130	Phase-Separated Structures of Mixed Langmuir-Blodgett Films of Fatty Acid and Hybrid Carboxylic Acid. Journal of Physical Chemistry B, 2008, 112, 15313-15319.	2.6	28
131	Effects of biosurfactants, mannosylerythritol lipids, on the hydrophobicity of solid surfaces and infection behaviours of plant pathogenic fungi. Journal of Applied Microbiology, 2015, 119, 215-224.	3.1	28
132	Inhibition of hypertension and salt intake by oral taurine treatment in hypertensive rats.. Hypertension, 1987, 10, 383-389.	2.7	27
133	J-aggregate formation of amphiphilic merocyanine in Langmuir-Blodgett films. Journal of Luminescence, 2000, 87-89, 800-802.	3.1	27
134	Microflow reactor synthesis of palladium nanoparticles stabilized with poly(benzyl ether) dendron ligands. Journal of Nanoparticle Research, 2010, 12, 951-960.	1.9	27
135	Î±-Gel Formation by Amino Acid-Based Gemini Surfactants. Langmuir, 2014, 30, 7654-7659.	3.5	27
136	Micelle Structure in a Photoresponsive Surfactant with and without Solubilized Ethylbenzene from Small-Angle Neutron Scattering. Journal of Physical Chemistry B, 2015, 119, 5904-5910.	2.6	27
137	Evidence against a role of insulin in hypertension in spontaneously hypertensive rats. CS-045 does not lower blood pressure despite improvement of insulin resistance.. Hypertension, 1994, 23, 1071-1074.	2.7	26
138	Self-Assembled Monolayers of Heavy Chalcogenophenes and Dialkyl Heavy Chalcogenides on Au(111). Langmuir, 2000, 16, 4213-4216.	3.5	26
139	Synthesis of highly-ordered mesoporous silica particles using mixed cationic and anionic surfactants as templates. Journal of Colloid and Interface Science, 2007, 312, 42-46.	9.4	26
140	Micro- and Nanopatterned Copper Structures Using Directed Self-Assembly on Templates Fabricated from Phase-Separated Mixed Langmuir-Blodgett Films. Langmuir, 2008, 24, 8735-8741.	3.5	26
141	Fourier Transform Infrared Spectroscopic Study of Water-in-Supercritical CO ₂ Microemulsion as a Function of Water Content. Journal of Physical Chemistry B, 2008, 112, 8943-8949.	2.6	26
142	Characteristics of microwaves on second generation nitrogen-doped TiO ₂ nanoparticles and their effect on photoassisted processes. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 217, 191-200.	3.9	26
143	Photochemical Control of Viscosity Using Sodium Cinnamate as a Photoswitchable Molecule. Chemistry Letters, 2012, 41, 247-248.	1.3	26
144	Colorimetric visualization of acid-base equilibria in non-polar solvent. Chemical Communications, 2013, 49, 6870.	4.1	26

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145	Synthesis and dilute aqueous solution properties of ester functionalized cationic gemini surfactants having different ethylene oxide units as spacer. <i>Colloid and Polymer Science</i> , 2014, 292, 1685-1692.	2.1	26
146	Structural features and surfactant properties of core-shell type micellar aggregates formed by gemini piperidinium surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 494, 147-155.	4.7	26
147	Regulation of interleukin (IL)-1 β gene transcription induced by IL-1 β in rheumatoid synovial fibroblast-like cells, E11, transformed with simian virus 40 large T antigen. <i>Journal of Rheumatology</i> , 1997, 24, 420-9.	2.0	26
148	Solution properties of amino acid-type new surfactant. <i>Colloids and Surfaces B: Biointerfaces</i> , 2001, 20, 79-86.	5.0	25
149	Syntheses of amphiphilic block copolymers by living cationic polymerization of vinyl ethers and their selective solvent-induced physical gelation. <i>Journal of Polymer Science Part A</i> , 2001, 39, 3190-3197.	2.3	25
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