

Masahiko Abe

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406
papers

10,276
citations

49
h-index

78
g-index

415
ext. papers

10,939
ext. citations

4.2
avg, IF

5.76
L-index

#	Paper	IF	Citations
406	Characterization of vesicles prepared with various non-ionic surfactants mixed with cholesterol. <i>Colloids and Surfaces B: Biointerfaces</i> , 2003 , 30, 129-138	6	252
405	Control of viscoelasticity using redox reaction. <i>Journal of the American Chemical Society</i> , 2004 , 126, 12282-12284	23.4	236
404	Structural and physicochemical characterization of crude biosurfactant produced by <i>Pseudomonas aeruginosa</i> SP4 isolated from petroleum-contaminated soil. <i>Bioresource Technology</i> , 2008 , 99, 1589-95	11	203
403	Direct synthesis of mesoporous titania particles having a crystalline wall. <i>Journal of the American Chemical Society</i> , 2005 , 127, 16396-7	16.4	199
402	Preparation of highly dispersed core/shell-type titania nanocapsules containing a single Ag nanoparticle. <i>Journal of the American Chemical Society</i> , 2006 , 128, 4944-5	16.4	185
401	A novel membrane antigen selectively expressed on terminally differentiated human B cells. <i>Blood</i> , 1994 , 84, 1922-1930	2.2	156
400	Preparation of Highly Crystalline TiO(2) Nanostructures by Acid-assisted Hydrothermal Treatment of Hexagonal-structured Nanocrystalline Titania/Cetyltrimethylammonium Bromide Nanoskeleton. <i>Nanoscale Research Letters</i> , 2010 , 5, 1829-1835	5	152
399	Photoinduced reversible change of fluid viscosity. <i>Journal of the American Chemical Society</i> , 2005 , 127, 13454-5	16.4	151
398	Development of a New Preparation Method of Liposomes Using Supercritical Carbon Dioxide. <i>Langmuir</i> , 2001 , 17, 3898-3901	4	148
397	Photochemical Switching of Vesicle Formation Using an Azobenzene-Modified Surfactant. <i>Journal of Physical Chemistry B</i> , 1999 , 103, 10737-10740	3.4	134
396	Hepatic Akt activation induces marked hypoglycemia, hepatomegaly, and hypertriglyceridemia with sterol regulatory element binding protein involvement. <i>Diabetes</i> , 2003 , 52, 2905-13	0.9	132
395	Diagnosis of t(2;5)(p23;q35)-associated Ki-1 lymphoma with immunohistochemistry. <i>Blood</i> , 1994 , 84, 3648-3652	2.2	130
394	Spontaneous Vesicle Formation from Aqueous Solutions of Didodecyldimethylammonium Bromide and Sodium Dodecyl sulfate Mixtures. <i>Langmuir</i> , 1995 , 11, 2380-2384	4	129
393	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. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 23030-23035	3.8	122
392	Preparation of liposomes using an improved supercritical reverse phase evaporation method. <i>Langmuir</i> , 2006 , 22, 2543-50	4	121
391	Isolation and comparison of biosurfactants produced by <i>Bacillus subtilis</i> PT2 and <i>Pseudomonas aeruginosa</i> SP4 for microbial surfactant-enhanced oil recovery. <i>Biochemical Engineering Journal</i> , 2008 , 42, 172-179	4.2	114
390	Reversible Release Control of an Oily Substance Using Photoresponsive Micelles. <i>Langmuir</i> , 2001 , 17, 6072-6076	4	107

389	TiO ₂ -based superhydrophobic/superhydrophilic patterns: Fabrication via an ink-jet technique and application in offset printing. <i>Applied Surface Science</i> , 2009 , 255, 6221-6225	6.7	101
388	Electrochemical characterization of various metal foils as a current collector of positive electrode for rechargeable lithium batteries. <i>Journal of Power Sources</i> , 1997 , 68, 301-303	8.9	98
387	A transparent and photo-patternable superhydrophobic film. <i>Chemical Communications</i> , 2007 , 4949-51	5.8	97
386	Aqueous-phase behavior of natural glycolipid biosurfactant mannosylerythritol lipid A: sponge, cubic, and lamellar phases. <i>Langmuir</i> , 2007 , 23, 1659-63	4	97
385	Direct Evidence on C-C Single Bonding in Single-Wall Carbon Nanohorn Aggregates. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 5572-5575	3.8	87
384	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. <i>Nanoscale</i> , 2010 , 2, 1441-7	7.7	84
383	Adsorption and aggregation properties of amino acid-based N-alkyl cysteine monomeric and N,N'-dialkyl cysteine gemini surfactants. <i>Journal of Colloid and Interface Science</i> , 2007 , 308, 466-73	9.3	79
382	Adsorption and micellization behavior of novel gluconamide-type gemini surfactants. <i>Journal of Colloid and Interface Science</i> , 2008 , 318, 440-8	9.3	79
381	Inhibition by interleukin-10 of inducible cyclooxygenase expression in lipopolysaccharide-stimulated monocytes: its underlying mechanism in comparison with interleukin-4. <i>Blood</i> , 1995 , 85, 3736-3745	2.2	72
380	Synthesis of microtubes with a surface of "house of cards" structure via needlelike particles and control of their pore size. <i>Langmuir</i> , 2005 , 21, 3659-63	4	69
379	Preparation of a W/scCO ₂ Microemulsion Using Fluorinated Surfactants. <i>Langmuir</i> , 2003 , 19, 220-225	4	69
378	Solubilization of Some Synthetic Perfumes by Anionic-Nonionic Mixed Surfactant Systems. 1. <i>Langmuir</i> , 1995 , 11, 725-729	4	69
377	Contribution of anaphylatoxin C5a to late airway responses after repeated exposure of antigen to allergic rats. <i>Journal of Immunology</i> , 2001 , 167, 4651-60	5.3	63
376	Syntheses of Hybrid Anionic Surfactants Containing Fluorocarbon and Hydrocarbon Chains. <i>Langmuir</i> , 1995 , 11, 466-469	4	62
375	Anti-aging efficacy of topical formulations containing niosomes entrapped with rice bran bioactive compounds. <i>Pharmaceutical Biology</i> , 2012 , 50, 208-24	3.8	60
374	Sliding of water droplets on the superhydrophobic surface with ZnO nanorods. <i>Langmuir</i> , 2009 , 25, 14182-6	7	59
373	Electrochemical Control of Vesicle Formation with a Double-Tailed Cationic Surfactant Bearing Ferrocenyl Moieties. <i>Langmuir</i> , 2001 , 17, 8044-8048	4	59
372	Increased neuropeptide Y content in the arcuato-paraventricular hypothalamic neuronal system in both insulin-dependent and non-insulin-dependent diabetic rats. <i>Brain Research</i> , 1991 , 539, 223-7	3.7	59

371	Characteristics of niosomes prepared by supercritical carbon dioxide (scCO ₂) fluid. <i>International Journal of Pharmaceutics</i> , 2008 , 352, 248-55	6.5	57
370	Preparation and Formation Mechanism of Mesoporous Titania Particles Having Crystalline Wall. <i>Chemistry of Materials</i> , 2006 , 18, 2256-2260	9.6	57
369	Interfacial properties of branch-tailed fluorinated surfactants yielding a water/supercritical CO ₂ microemulsion. <i>Langmuir</i> , 2004 , 20, 2560-6	4	57
368	Solution Properties of Double-Tailed Cationic Surfactants Having Ferrocenyl Groups in Their Hydrophobic Moieties. <i>Langmuir</i> , 1996 , 12, 921-924	4	57
367	Structural diversity, physicochemical properties and application of imidazolium surfactants: Recent advances. <i>Advances in Colloid and Interface Science</i> , 2016 , 231, 36-58	14.3	57
366	Detection of melatonin, its precursors and related enzyme activities in rabbit lens. <i>Experimental Eye Research</i> , 1999 , 68, 255-62	3.7	56
365	One-step preparation of chitosan-coated cationic liposomes by an improved supercritical reverse-phase evaporation method. <i>Langmuir</i> , 2006 , 22, 4054-9	4	55
364	Photocatalytic and photoelectrochemical studies on N-doped TiO ₂ photocatalyst. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2009 , 202, 39-47	4.7	54
363	Effects of CO ₂ -philic Tail Structure on Phase Behavior of Fluorinated Aerosol-OT Analogue Surfactant/Water/Supercritical CO ₂ Systems. <i>Langmuir</i> , 2003 , 19, 8161-8167	4	54
362	Preparation of oleic acid/water emulsions in surfactant-free condition by sequential processing using midsonic-megasonic waves. <i>Langmuir</i> , 2004 , 20, 2043-7	4	53
361	Control of Physicochemical Properties of Liposomes Using a Supercritical Reverse Phase Evaporation Method. <i>Langmuir</i> , 2003 , 19, 2021-2025	4	52
360	Preparation of gold/silver/titania trilayered nanorods and their photocatalytic activities. <i>Langmuir</i> , 2014 , 30, 922-8	4	51
359	Aqueous-phase behavior and vesicle formation of natural glycolipid biosurfactant, mannosylerythritol lipid-B. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008 , 65, 106-12	6	51
358	New ester based gemini surfactants: the effect of different cationic headgroups on micellization properties and viscosity of aqueous micellar solution. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 19474-83	2.6	50
357	Surfactant- and reducer-free synthesis of gold nanoparticles in aqueous solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009 , 347, 18-26	5.1	49
356	Kinetic studies on the interactions between glycolipid biosurfactant assembled monolayers and various classes of immunoglobulins using surface plasmon resonance. <i>Colloids and Surfaces B: Biointerfaces</i> , 2007 , 58, 165-71	6	49
355	RBM band shift-evidenced dispersion mechanism of single-wall carbon nanotube bundles with NaDDBS. <i>Journal of Colloid and Interface Science</i> , 2007 , 308, 276-84	9.3	49
354	Langmuir nanoarchitectonics: one-touch fabrication of regularly sized nanodisks at the air-water interface. <i>Langmuir</i> , 2013 , 29, 7239-48	4	48

353	Assembly and Photoinduced Organization of Mono- and Oligopeptide Molecules Containing an Azobenzene Moiety. <i>Advanced Functional Materials</i> , 2007 , 17, 1507-1514	15.6	48
352	Effects of Water on Solvation Layers of Imidazolium-Type Room Temperature Ionic Liquids on Silica and Mica. <i>Langmuir</i> , 2015 , 31, 6085-91	4	47
351	Surfactant-mixing effects on the interfacial tension and the microemulsion formation in water/supercritical CO ₂ system. <i>Langmuir</i> , 2007 , 23, 2369-75	4	46
350	Polymerizable cationic gemini surfactant. <i>Langmuir</i> , 2006 , 22, 8293-7	4	46
349	Temperature-dependent vesicle formation of aqueous solutions of mixed cationic and anionic surfactants. <i>Langmuir</i> , 2004 , 20, 2117-22	4	46
348	Adsorption and aggregation properties of heterogemini surfactants containing a quaternary ammonium salt and a sugar moiety. <i>Langmuir</i> , 2006 , 22, 9187-91	4	45
347	First anionic micelle with unusually long lifetime: self-assembly of fluorocarbon-hydrocarbon hybrid surfactant. <i>Journal of the American Chemical Society</i> , 2002 , 124, 6516-7	16.4	45
346	Synthesis and aqueous solution properties of novel anionic heterogemini surfactants containing a phosphate headgroup. <i>Journal of Colloid and Interface Science</i> , 2009 , 338, 229-35	9.3	44
345	Characterization of microwave effects on metal-oxide materials: Zinc oxide and titanium dioxide. <i>Applied Catalysis B: Environmental</i> , 2009 , 91, 362-367	21.8	44
344	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, 527-33	9.3	44
343	Surfactant-free O/W emulsion formation of oleic acid and its esters with ultrasonic dispersion. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2001 , 180, 41-53	5.1	43
342	Japan gastric trials in intraoperative radiation therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 1988 , 15, 1431-3	4	43
341	Adsorption characteristics of spiropyran-modified cationic surfactants at the silica/aqueous solution interface. <i>Langmuir</i> , 2010 , 26, 9283-8	4	42
340	Viscoelastic wormlike micelles of long polyoxyethylene chain phytosterol with lipophilic nonionic surfactant in aqueous solution. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 3043-50	3.4	42
339	Micellar Solution Properties of Fluorocarbon-Hydrocarbon Hybrid Surfactants. <i>Langmuir</i> , 1996 , 12, 5768-5772	4	42
338	A newly estimated glomerular filtration rate is independently associated with arterial stiffness in Japanese patients. <i>Hypertension Research</i> , 2008 , 31, 193-201	4.7	41
337	Gamma-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, 309-18	5.5	41
336	Reversible control of vesicle formation using electrochemical reaction. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004 , 232, 221-228	5.1	40

335	Thermodynamically stable vesicle formation from glycolipid biosurfactant sponge phase. <i>Colloids and Surfaces B: Biointerfaces</i> , 2005 , 43, 115-21	6	40
334	Wormlike micelle formation by acylglutamic acid with alkylamines. <i>Langmuir</i> , 2012 , 28, 17617-22	4	39
333	Preparation of liposomes containing Ceramide 3 and their membrane characteristics. <i>Colloids and Surfaces B: Biointerfaces</i> , 2001 , 20, 1-8	6	39
332	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	4	39
331	Dispersion and Stabilizing Effects of n-Hexadecane on Tetralin and Benzene Metastable Droplets in Surfactant-Free Conditions. <i>Langmuir</i> , 1999 , 15, 1913-1917	4	39
330	Recent advances in gemini surfactants: oleic Acid-based gemini surfactants and polymerizable gemini surfactants. <i>Journal of Oleo Science</i> , 2011 , 60, 159-63	1.6	37
329	Biological activities of the rice bran extract and physical characteristics of its entrapment in niosomes by supercritical carbon dioxide fluid. <i>Journal of Supercritical Fluids</i> , 2010 , 54, 137-144	4.2	37
328	Water/supercritical CO ₂ microemulsions with mixed surfactant systems. <i>Langmuir</i> , 2008 , 24, 10116-22	4	37
327	Photo-isomerization of spiropyran-modified cationic surfactants. <i>Journal of Colloid and Interface Science</i> , 2007 , 316, 1027-30	9.3	37
326	Intraoperative radiation therapy for gastric cancer. <i>World Journal of Surgery</i> , 1995 , 19, 544-7	3.3	37
325	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, 6189-94	9.5	36
324	Microwave effect in the dehydrogenation of tetralin and decalin with a fixed-bed reactor. <i>International Journal of Hydrogen Energy</i> , 2012 , 37, 3242-3250	6.7	35
323	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, 1597-9	2.1	35
322	Control of Two-Dimensional Nanopatterns by Adjusting Intermolecular Interactions. <i>Advanced Materials</i> , 2007 , 19, 3668-3671	24	35
321	Peptide-based gemini amphiphiles: phase behavior and rheology of wormlike micelles. <i>Langmuir</i> , 2012 , 28, 15472-81	4	34
320	Photochemical control of molecular assembly formation in a catanionic surfactant system. <i>Langmuir</i> , 2011 , 27, 1610-7	4	34
319	Rheological properties of polyoxyethylene cholesteryl ether wormlike micelles in aqueous system. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 2937-46	3.4	34
318	Surfactant assisted synthesis and spectroscopic characterization of selenium nanoparticles in ambient conditions. <i>Nanotechnology</i> , 2008 , 19, 295601	3.4	34

317	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, 865-70	3	34
316	Neuropeptide Y in the specific hypothalamic nuclei of rats treated neonatally with monosodium glutamate. <i>Brain Research Bulletin</i> , 1990 , 24, 289-91	3.9	34
315	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, 1371-6	2.1	33
314	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, 938-42	8.9	33
313	Microwave frequency effect in the formation of Au nanocolloids in polar and non-polar solvents. <i>Nanoscale</i> , 2011 , 3, 1697-702	7.7	32
312	Production of glycolipid biosurfactants, mannosylerythritol lipids, by a smut fungus, <i>Ustilago scitaminea</i> NBRC 32730. <i>Bioscience, Biotechnology and Biochemistry</i> , 2009 , 73, 788-92	2.1	32
311	Preparation and photocatalytic activity of robust titania monoliths for water remediation. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 500-4	9.5	31
310	Micrometer-level naked-eye detection of caesium particulates in the solid state. <i>Science and Technology of Advanced Materials</i> , 2013 , 14, 015002	7.1	31
309	UV/thermally driven rewritable wettability patterns on TiO ₂ -PDMS composite films. <i>ACS Applied Materials & Interfaces</i> , 2010 , 2, 2485-8	9.5	31
308	Phytosterol ethoxylates in room-temperature ionic liquids: excellent interfacial properties and gel formation. <i>Langmuir</i> , 2009 , 25, 2601-3	4	31
307	Enzymatic synthesis of a novel glycolipid biosurfactant, mannosylerythritol lipid-D and its aqueous phase behavior. <i>Carbohydrate Research</i> , 2011 , 346, 266-71	2.9	31
306	Electrochemical Reaction in an Aqueous Solution of a Ferrocene-Modified Cationic Surfactant Mixed with an Anionic Surfactant. <i>Langmuir</i> , 2003 , 19, 9343-9350	4	31
305	Current perspective of sustainable surfactants based on renewable building blocks. <i>Current Opinion in Colloid and Interface Science</i> , 2020 , 45, 124-135	7.6	30
304	Intracellular imaging of cesium distribution in Arabidopsis using Cesium Green. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 8208-11	9.5	30
303	Structure and dynamics of poly(oxyethylene) cholesteryl ether wormlike micelles: rheometry, SAXS, and cryo-TEM studies. <i>Langmuir</i> , 2011 , 27, 12877-83	4	30
302	Adsorption characteristics of monomeric/gemini surfactant mixtures at the silica/aqueous solution interface. <i>Langmuir</i> , 2010 , 26, 17119-25	4	30
301	Microwave-enhanced radical reactions at ambient temperature. <i>New Journal of Chemistry</i> , 2008 , 32, 2253.6		30
300	A basidiomycetous yeast, <i>Pseudozyma crassa</i> , produces novel diastereomers of conventional mannosylerythritol lipids as glycolipid biosurfactants. <i>Carbohydrate Research</i> , 2008 , 343, 2947-55	2.9	30

299	Light-Induced J-Aggregation of Merocyanine in Langmuir and Langmuir-Blodgett Films. <i>Journal of Physical Chemistry B</i> , 2002 , 106, 11487-11491	3.4	30
298	Close relationship of abnormal glucose tolerance with endothelial dysfunction in hypertension. <i>Hypertension</i> , 2000 , 36, 245-9	8.5	30
297	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	2.2	30
296	Novel designs of microwave discharge electrodeless lamps (MDEL) in photochemical applications. Use in advanced oxidation processes. <i>Photochemical and Photobiological Sciences</i> , 2009 , 8, 1087-104	4.2	29
295	Solubilization of 2-phenylethanol in surfactant vesicles and micelles. <i>Langmuir</i> , 1993 , 9, 899-902	4	29
294	Enzymatic conversion of diacetylated sophoroselipid into acetylated glucoselipid: surface-active properties of novel bolaform biosurfactants. <i>Journal of Oleo Science</i> , 2010 , 59, 495-501	1.6	28
293	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	5.1	28
292	Sustainable oleic and stearic acid based biodegradable surfactants. <i>RSC Advances</i> , 2017 , 7, 10433-10442	3.7	27
291	Inhibition of hypertension and salt intake by oral taurine treatment in hypertensive rats. <i>Hypertension</i> , 1987 , 10, 383-9	8.5	27
290	Self-aggregation properties of new ester-based gemini surfactants and their rheological behavior in the presence of cosurfactant monolaurin. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014 , 461, 258-266	5.1	26
289	Fabrication and Photocatalytic Properties of TiO ₂ Nanotube Arrays Modified with Phosphate. <i>Chemistry Letters</i> , 2011 , 40, 1107-1109	1.7	26
288	Phase behavior of ternary mannosylerythritol lipid/water/oil systems. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009 , 68, 207-12	6	26
287	Microwave frequency effects on the photoactivity of TiO ₂ : Dielectric properties and the degradation of 4-chlorophenol, bisphenol A and methylene blue. <i>Chemical Physics Letters</i> , 2009 , 470, 304-307	2.5	26
286	Phase-separated structures of mixed Langmuir-Blodgett films of fatty acid and hybrid carboxylic acid. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 15313-9	3.4	26
285	Optimum tail length of fluorinated double-tail anionic surfactant for water/supercritical CO ₂ microemulsion formation. <i>Langmuir</i> , 2007 , 23, 8784-8	4	26
284	Dispersion and Stabilization in Water of Droplets of Hydrophobic Organic Liquids with the Addition of Hydrophobic Polymers. <i>Langmuir</i> , 2003 , 19, 4063-4069	4	26
283	Characteristics of transmural potential changes associated with the proton-peptide co-transport in toad small intestine. <i>Journal of Physiology</i> , 1987 , 394, 481-99	3.9	26
282	Hydrogel formation by amino acid-based gemini surfactants. <i>Langmuir</i> , 2014 , 30, 7654-9	4	25

281	Photorheological response of aqueous wormlike micelles with photocleavable surfactant. <i>Langmuir</i> , 2013 , 29, 5668-76	4	25
280	Characteristics of microwaves on second generation nitrogen-doped TiO ₂ nanoparticles and their effect on photoassisted processes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011 , 217, 191-200	4.7	25
279	Microflow reactor synthesis of palladium nanoparticles stabilized with poly(benzyl ether) dendron ligands. <i>Journal of Nanoparticle Research</i> , 2010 , 12, 951-960	2.3	25
278	Hydrogen production from tetralin over microwave-accelerated Pt-supported activated carbon. <i>International Journal of Hydrogen Energy</i> , 2010 , 35, 6179-6183	6.7	25
277	Synthesis of highly-ordered mesoporous silica particles using mixed cationic and anionic surfactants as templates. <i>Journal of Colloid and Interface Science</i> , 2007 , 312, 42-6	9.3	25
276	J-aggregate formation of amphiphilic merocyanine in Langmuir-Blodgett films. <i>Journal of Luminescence</i> , 2000 , 87-89, 800-802	3.8	25
275	Self-Assembled Monolayers of Heavy Chalcogenophenes and Dialkyl Heavy Chalcogenides on Au(111). <i>Langmuir</i> , 2000 , 16, 4213-4216	4	25
274	Active Control of Vesicle Formation Using a Redox-Active Surfactant. <i>Electrochemistry</i> , 1997 , 65, 669-672		25
273	Colorimetric visualization of acid-base equilibria in non-polar solvent. <i>Chemical Communications</i> , 2013 , 49, 6870-2	5.8	24
272	Microwave-Specific Effects in Various TiO ₂ Specimens. Dielectric Properties and Degradation of 4-Chlorophenol. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 5649-5657	3.8	24
271	Micro- and nanopatterned copper structures using directed self-assembly on templates fabricated from phase-separated mixed Langmuir-Blodgett films. <i>Langmuir</i> , 2008 , 24, 8735-41	4	24
270	Cationic surfactant changes the morphology of DNA molecules. <i>Langmuir</i> , 2007 , 23, 345-7	4	24
269	Micelle structure in a photoresponsive surfactant with and without solubilized ethylbenzene from small-angle neutron scattering. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 5904-10	3.4	23
268	Transfollicular enhancement of gel containing cationic niosomes loaded with unsaturated fatty acids in rice (<i>Oryza sativa</i>) bran semi-purified fraction. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012 , 81, 303-13	5.7	23
267	Fourier transform infrared spectroscopic study of water-in-supercritical CO ₂ microemulsion as a function of water content. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 8943-9	3.4	23
266	Phase behavior of mixed solution of a glycerin-modified cationic surfactant and an anionic surfactant. <i>Journal of Colloid and Interface Science</i> , 2007 , 312, 139-45	9.3	23
265	Interleukin-1 beta enhances and interferon-gamma 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, 64-8	6.2	23
264	Solution properties of amino acid-type new surfactant. <i>Colloids and Surfaces B: Biointerfaces</i> , 2001 , 20, 79-86	6	23

- 263 Syntheses of amphiphilic block copolymers by living cationic polymerization of vinyl ethers and their selective solvent-induced physical gelation. *Journal of Polymer Science Part A*, **2001**, 39, 3190-3197 2.5 23
- 262 Surfactants having polyfluoroalkyl chains. II. Syntheses of anionic surfactants having two polyfluoroalkyl chains including a trifluoromethyl group at each tail and their flocculation-redispersion ability for dispersed magnetite particles in water. *Journal of Fluorine Chemistry*, **1995**, 70, 187-191 2.1 23
- 261 Inhibitory effect of methylmercury on migration and tube formation by cultured human vascular endothelial cells. *Archives of Toxicology*, **1995**, 69, 357-61 5.8 23
- 260 Structural features and surfactant properties of core-shell type micellar aggregates formed by gemini piperidinium surfactants. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2016**, 494, 147-155 5.1 22
- 259 Synthesis and dilute aqueous solution properties of ester functionalized cationic gemini surfactants having different ethylene oxide units as spacer. *Colloid and Polymer Science*, **2014**, 292, 1685-1692 2.4 22
- 258 Photochemical Control of Viscosity Using Sodium Cinnamate as a Photoswitchable Molecule. *Chemistry Letters*, **2012**, 41, 247-248 1.7 22
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