Masahiko Abe

List of Publications by Year
in descending order

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404	11,821	31976	54911
papers	citations	53 h-index	84 g-index

416	416	416	11364
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Direct entry of cell-penetrating peptide can be controlled by maneuvering the membrane curvature. Scientific Reports, 2021, 11, 31.	3.3	17
2	Interaction between sodium dodecylsulfate (SDS) and pluronic L61 in aqueous medium: assessment of the nature and morphology of the formed mixed aggregates by NMR, EPR, SANS and FF-TEM measurements. Physical Chemistry Chemical Physics, 2021, 23, 13170-13180.	2.8	6
3	Effect of Vesicle Size on the Cytolysis of Cell-Penetrating Peptides (CPPs). International Journal of Molecular Sciences, 2020, 21, 7405.	4.1	8
4	Key Process and Factors Controlling the Direct Translocation of Cell-Penetrating Peptide through Bio-Membrane. International Journal of Molecular Sciences, 2020, 21, 5466.	4.1	12
5	In vivo antiâ€ageing activity of cream containing niosomes loaded with purple glutinous rice (Oryza) Tj ETQq1 1 0.784314 rgBT /Ove	2.6	21
6	Synthesis and properties of renewable citronellol based biodegradable anionic surfactant. Colloid and Polymer Science, 2020, 298, 1543-1550.	2.1	4
7	Current perspective of sustainable surfactants based on renewable building blocks. Current Opinion in Colloid and Interface Science, 2020, 45, 124-135.	7.4	65
8	Phase Behavior and Polymerization of the Ternary Polymerizable Cationic Gemini Surfactant/Fatty Alcohol/Water System. Langmuir, 2020, 36, 986-990.	3.5	8
9	Amino acid-type photo-cleavable surfactants: Controlled dispersion stability of silica particles and release of active ingredients. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 564, 108-114.	4.7	6
10	Phase Behavior of Ester Based Anionic Surfactants: Sodium Alkyl Sulfoacetates. Industrial & Engineering Chemistry Research, 2019, 58, 6235-6242.	3.7	6
11	Potent Anti-Proliferation on the Colon Cancer Cell Line (HT-29) of Liposomal Formulations Entrapped with Semi-Purified Jobâ€™s Tears (Coix lacryma-jobi Linn.) Fractions. Journal of Nanoscience and Nanotechnology, 2019, 19, 1996-2007.	0.9	2
12	Characterization of the micelle structure of oleic acid-based gemini surfactants: effect of stereochemistry. Physical Chemistry Chemical Physics, 2018, 20, 8874-8880.	2.8	7
13	Effect of inorganic and organic counterions on interfacial properties of oleic acid-based gemini surfactants. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 538, 73-78.	4.7	10
14	Three new cardiac glycosides obtained from the roots ofStreblus asperLour. and their cytotoxic and melanogenesis-inhibitory activities. RSC Advances, 2018, 8, 19570-19579.	3.6	11
15	Physicochemical Understanding of Self-Aggregation and Microstructure of a Surface-Active Ionic Liquid [C₄mim] [C₈OSO₃] Mixed with a Reverse Pluronic 10R5 (PO₈EO₂₂PO₈). ACS Omega, 2018, 3, 5155-5164.	3.5	13
16	Photoinduced viscosity control of lecithin-based reverse wormlike micellar systems using azobenzene derivatives. RSC Advances, 2018, 8, 23742-23747.	3.6	8
17	Adsolubilization-induced structural change in adsorbed surfactant aggregates: Equilibrium and kinetics monitored by AFM and QCM-D. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 520, 231-238.	4.7	3
18	Sustainable oleic and stearic acid based biodegradable surfactants. RSC Advances, 2017, 7, 10433-10442.	3.6	46

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19	Physicochemical Evaluation of Micellar Solution and Lyotropic Phases Formed by Self-Assembled Aggregates of Morpholinium Geminis. ACS Omega, 2017, 2, 5324-5334.	3.5	13
20	Surface Adsorption and Micelle Formation of Polyoxyethylene-type Nonionic Surfactants in Mixtures of Water and Hydrophilic Imidazolium-type Ionic Liquid. Journal of Oleo Science, 2016, 65, 499-506.	1.4	6
21	Preparation of Nonionic Vesicles Using the Supercritical Carbon Dioxide Reverse Phase Evaporation Method and Analysis of Their Solution Properties. Journal of Oleo Science, 2016, 65, 21-26.	1.4	11
22	Preparation and Properties of Nonionic Vesicles Prepared with Polyglycerol Fatty Acid Esters Using the Supercritical Carbon Dioxide Reverse Phase Evaporation Method. Journal of Oleo Science, 2016, 65, 201-206.	1.4	10
23	Suppression of the Hypothalamic-pituitary-adrenal Axis by Maximum Androgen Blockade in a Patient with Prostate Cancer. Internal Medicine, 2016, 55, 3623-3626.	0.7	2
24	Potent in vivo anticancer activity and stability of liposomes encapsulated with semi-purified Jobâ€™s tear (Coix lacryma-jobi Linn.) extracts on human colon adenocarcinoma (HT-29) xenografted mice. Drug Delivery, 2016, 23, 3399-3407.	5.7	17
25	Structural diversity, physicochemical properties and application of imidazolium surfactants: Recent advances. Advances in Colloid and Interface Science, 2016, 231, 36-58.	14.7	74
26	Potent in vitro anti-proliferative, apoptotic and anti-oxidative activities of semi-purified Jobâ€™s tears (Coix lachryma-jobi Linn.) extracts from different preparation methods on 5 human cancer cell lines. Journal of Ethnopharmacology, 2016, 187, 281-292.	4.1	15
27	Characterizing solid/ionic liquid interfaces in the presence of water and nonionic surfactants. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 509, 433-439.	4.7	5
28	pH-sensitive Wormlike Micelle and Hydrogel Formation by Acylglutamic Acidâ€“Alkylamine Complex. Chemistry Letters, 2016, 45, 655-657.	1.3	4
29	Dependence of Intestinal Absorption Profile of Insulin on Carrier Morphology Composed of Î²-Cyclodextrin-Grafted Chitosan. Molecular Pharmaceutics, 2016, 13, 4034-4042.	4.6	18
30	Structural features and surfactant properties of coreâ€“shell type micellar aggregates formed by gemini piperidinium surfactants. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 494, 147-155.	4.7	26
31	Production of Self-Assembled Fullerene (C₆₀) Nanocrystals at Liquidâ€“Liquid Interface. Journal of Nanoscience and Nanotechnology, 2015, 15, 2394-2399.	0.9	7
32	Emulsification by Phosphorylcholine-type Gemini Amphiphile as Active Interfacial Modifier. Chemistry Letters, 2015, 44, 247-249.	1.3	2
33	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
34	Interfacial and Emulsifying Properties of Soybean Peptides with Different Degrees of Hydrolysis. Journal of Oleo Science, 2015, 64, 183-189.	1.4	15
35	Application of Yeast Glycolipid Biosurfactant, Mannosylerythritol Lipid, as Agrospreaders. Journal of Oleo Science, 2015, 64, 689-695.	1.4	19
36	Nonionic Surfactants Enhancing Bactericidal Activity at Their Critical Micelle Concentrations. Journal of Oleo Science, 2015, 64, 61-68.	1.4	4

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37	Synthesis of Silica Nanotube Using Myelin Figure as Template and their Formation Mechanism. Journal of Oleo Science, 2015, 64, 663-672.	1.4	14
38	Ternary phase behavior of phytosterol ethoxylate, water, and imidazolium-based ionic liquid systems â€“ Lyotropic liquid crystal formation over a wide range of compositions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 472, 117-123.	4.7	3
39	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
40	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
41	Detection of Ethanol in Alcoholic Beverages or Vapor Phase Using Fluorescent Molecules Embedded in a Nanofibrous Polymer. ACS Applied Materials & Interfaces, 2015, 7, 6189-6194.	8.0	43
42	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
43	Selective formation of mannosyl-l-arabitol lipid by Pseudozyma tsukubaensis JCM16987. Applied Microbiology and Biotechnology, 2015, 99, 5833-5841.	3.6	12
44	Removal of surfactant template from mesoporous titania. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 464, 52-56.	4.7	1
45	Promotion of crystalline cellulose degradation by expansins from Oryza sativa. Planta, 2015, 241, 83-93.	3.2	16
46	Enhancement of Cellulose Degradation by Cattle Saliva. PLoS ONE, 2015, 10, e0138902.	2.5	10
47	Effects of Spacer Chain Length of Amino Acid-Based Gemini Surfactants on Wormlike Micelle Formation. Journal of Oleo Science, 2014, 63, 249-255.	1.4	13
48	Monolayer Behavior of Binary Systems of Lactonic and Acidic Forms of Sophorolipids: Thermodynamic Analyses of Langmuir Monolayers and AFM Study of Langmuir^|^ndash;Blodgett Monolayers. Journal of Oleo Science, 2014, 63, 67-73.	1.4	7
49	Monolayer Behavior of Cyclic and Linear Forms of Surfactins: Thermodynamic Analysis of Langmuir Monolayers and AFM Study of Langmuir-Blodgett Monolayers. Journal of Oleo Science, 2014, 63, 407-412.	1.4	10
50	Physicochemical Properties of Oleic Acid-Based Partially Fluorinated Gemini Surfactants. Journal of Oleo Science, 2014, 63, 257-267.	1.4	11
51	Preparation of Gold/Titania Core^|^ndash;Shell Nanocomposites with a Tunable Shell Thickness. Journal of Oleo Science, 2014, 63, 507-513.	1.4	6
52	Fabrication and BSA Adsorption/Desorption Properties of Titania/Silica Composite Films Modified with Silane Coupling Agents. Journal of Oleo Science, 2014, 63, 1077-1083.	1.4	4
53	Multicolour Fluorescent Memory Based on the Interaction of Hydroxy Terphenyls with Fluoride Anions. Chemistry - A European Journal, 2014, 20, 16293-16300.	3.3	5
54	Hydrogen-assisted fabrication of spherical gold nanoparticles through sonochemical reduction of tetrachloride gold(III) ions in water. Ultrasonics Sonochemistry, 2014, 21, 946-950.	8.2	24

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55	Media-dependent morphology of supramolecular aggregates of Î²-cyclodextrin-grafted chitosan and insulin through multivalent interactions. Journal of Materials Chemistry B, 2014, 2, 1802.	5.8	19
56	Î±-Gel Formation by Amino Acid-Based Gemini Surfactants. Langmuir, 2014, 30, 7654-7659.	3.5	27
57	Self-Aggregation and Liquid Crystalline Behavior of New Ester-Functionalized Quinuclidinolium Surfactants. Langmuir, 2014, 30, 9036-9044.	3.5	15
58	Intracellular Imaging of Cesium Distribution in Arabidopsis Using Cesium Green. ACS Applied Materials & Interfaces, 2014, 6, 8208-8211.	8.0	32
59	Preparation of Gold/Silver/Titania Trilayered Nanorods and Their Photocatalytic Activities. Langmuir, 2014, 30, 922-928.	3.5	55
60	Self-aggregation properties of new ester-based gemini surfactants and their rheological behavior in the presence of cosurfactant â€" monolaurin. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 461, 258-266.	4.7	35
61	Phosphatidylcholine-based nonaqueous photorheological fluids: effect of geometry and solvent. Colloid and Polymer Science, 2014, 292, 1599-1609.	2.1	11
62	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.	2.1	26
63	Surfactant-like Properties of an Amphiphilic Î±-Helical Peptide Leading to Lipid Nanodisc Formation. Langmuir, 2014, 30, 4752-4759.	3.5	24
64	Electrically Conductive and Mechanically Elastic Titanium Nitride Ceramic Microsprings. Journal of Nanoscience and Nanotechnology, 2014, 14, 4292-4296.	0.9	1
65	Langmuir Nanoarchitectonics: One-Touch Fabrication of Regularly Sized Nanodisks at the Airâ€"Water Interface. Langmuir, 2013, 29, 7239-7248.	3.5	49
66	Preparation and Photocatalytic Activity of Robust Titania Monoliths for Water Remediation. ACS Applied Materials & Interfaces, 2013, 5, 500-504.	8.0	33
67	Influence of lattice distortion and oxygen vacancies on the UV-driven/microwave-assisted TiO2 photocatalysis. Journal of Photochemistry and Photobiology A: Chemistry, 2013, 265, 20-28.	3.9	24
68	Colorimetric visualization of acidâ€"base equilibria in non-polar solvent. Chemical Communications, 2013, 49, 6870.	4.1	26
69	Photorheological Response of Aqueous Wormlike Micelles with Photocleavable Surfactant. Langmuir, 2013, 29, 5668-5676.	3.5	29
70	Micrometer-level naked-eye detection of caesium particulates in the solid state. Science and Technology of Advanced Materials, 2013, 14, 015002.	6.1	36
71	Structures of Langmuir-Gibbs Films Consisting of Long-Chain Fatty Acid and Water-Soluble Surfactants. Journal of Oleo Science, 2013, 62, 681-693.	1.4	4
72	Water-in-Oil Emulsions Prepared by Peptide-Silicone Hybrid Polymers as Active Interfacial Modifier: Effects of Silicone Oil Species on Dispersion Stability of Emulsions. Journal of Oleo Science, 2013, 62, 505-511.	1.4	10

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73	Effect of Water on Interfacial Chemical Properties of Nonionic Surfactants in Hydrophobic Ionic Liquid bmimPF6. Journal of Oleo Science, 2013, 62, 363-370.	1.4	5
74	Melanogenesis of Methyl Myristate Loaded Niosomes in B16F10 Melanoma Cells. Journal of Biomedical Nanotechnology, 2013, 9, 626-638.	1.1	9
75	Characterization of Mannosylerythritol Lipids Containing Hexadecatetraenoic Acid Produced from Cuttlefish Oil by Pseudozyma churashimaensis OK96. Journal of Oleo Science, 2013, 62, 319-327.	1.4	12
76	Preparation of Hollow Titania Nanoparticles of Single-nanometer Size Using a PAMAM Dendrimer Template. Journal of Oleo Science, 2013, 62, 637-641.	1.4	1
77	Location of Cholesterol in Liposomes by Using Small-angle X-ray Scattering (SAXS) Data and the Generalized Indirect Fourier Transformation (GIFT) Method. Journal of Oleo Science, 2013, 62, 913-918.	1.4	14
78	Equilibrium Surface Tension, Dynamic Surface Tension, and Micellization Properties of Lactobionamide-Type Sugar-Based Gemini Surfactants. Journal of Oleo Science, 2013, 62, 353-362.	1.4	21
79	Quaternary Ammonium-Type Gemini Surfactants Synthesized from Oleic Acid: Aqueous Solution Properties and Adsorption Characteristics. Journal of Oleo Science, 2013, 62, 489-498.	1.4	11
80	Rapid synthesis of Gemini surfactants using a novel 915-MHz microwave apparatus. Journal of Oleo Science, 2013, 62, 39-44.	1.4	3
81	Facile Synthesis of Mesoporous Gold Particles Using Silica as a Binder Through a Solvent Evaporation Process. Transactions of the Materials Research Society of Japan, 2013, 38, 221-223.	0.2	0
82	Photomechanical Energy Conversion of Photoresponsive Fibers Exhibiting Bending Behavior. International Journal of Photoenergy, 2012, 2012, 1-6.	2.5	1
83	Phase Behavior of Phytosterol Ethoxylates in an Imidazolium-Type Room-Temperature Ionic Liquid. Journal of Oleo Science, 2012, 61, 135-141.	1.4	9
84	Physico-Chemical Properties of Cationic Niosomes Loaded with Fraction of Rice (Oryza sativa) Bran Extract. Journal of Nanoscience and Nanotechnology, 2012, 12, 7339-7345.	0.9	13
85	Stable Surfactant-Free Toluene-Polyethylene-in-Water Emulsion Prepared by Ultrasonication at High Temperature. Journal of Oleo Science, 2012, 61, 57-63.	1.4	6
86	Synthesis and Interfacial Properties of Monoacyl Glyceric Acids as a New Class of Green Surfactants. Journal of Oleo Science, 2012, 61, 343-348.	1.4	17
87	Bioinspired Mechanism for the Translocation of Peptide through the Cell Membrane. Chemistry Letters, 2012, 41, 1078-1080.	1.3	18
88	One-touch Nanofabrication of Regular-sized Disks through Interfacial Dewetting and Weak Molecular Interaction. Chemistry Letters, 2012, 41, 170-172.	1.3	13
89	Photochemical Control of Viscosity Using Sodium Cinnamate as a Photoswitchable Molecule. Chemistry Letters, 2012, 41, 247-248.	1.3	26
90	Electroless Deposition of Metal Micropatterns Using Ink-jetted ZnO Thin Films as Templates. Chemistry Letters, 2012, 41, 558-560.	1.3	0

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91	Wormlike Micelle Formation by Acylglutamic Acid with Alkylamines. Langmuir, 2012, 28, 17617-17622.	3.5	42
92	Peptide-Based Gemini Amphiphiles: Phase Behavior and Rheology of Wormlike Micelles. Langmuir, 2012, 28, 15472-15481.	3.5	39
93	Transdermal Absorption Enhancement of Rice Bran Bioactive Compounds Entrapped in Niosomes. AAPS PharmSciTech, 2012, 13, 323-335.	3.3	19
94	Transfollicular enhancement of gel containing cationic niosomes loaded with unsaturated fatty acids in rice (Oryza sativa) bran semi-purified fraction. European Journal of Pharmaceutics and Biopharmaceutics, 2012, 81, 303-313.	4.3	24
95	Adsolubilization by a photo-responsive surfactant. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 410, 119-124.	4.7	12
96	Anti-aging efficacy of topical formulations containing niosomes entrapped with rice bran bioactive compounds. Pharmaceutical Biology, 2012, 50, 208-224.	2.9	79
97	Reverse vesicle formation from the yeast glycolipid biosurfactant mannosylerythritol lipid-D. Journal of Oleo Science, 2012, 61, 285-289.	1.4	9
98	The diastereomers of mannosylerythritol lipids have different interfacial properties and aqueous phase behavior, reflecting the erythritol configuration. Carbohydrate Research, 2012, 351, 81-86.	2.3	32
99	Enhanced conversion of tetralin dehydrogenation under microwave heating: Effects of temperature variation. Fuel Processing Technology, 2012, 95, 27-32.	7.2	20
100	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
101	Organic syntheses by microwave selective heating of novel metal/CMC catalysts â€“ The Suzukiâ€“Miyaura coupling reaction in toluene and the dehydrogenation of tetralin in solvent-free media. Journal of Catalysis, 2012, 289, 266-271.	6.2	19
102	Zwitterionic heterogemini surfactants containing ammonium and carboxylate headgroups 2: Aggregation behavior studied by SANS, DLS, and cryo-TEM. Journal of Colloid and Interface Science, 2012, 370, 80-85.	9.4	18
103	A cinnamic acid-type photo-cleavable surfactant. Journal of Colloid and Interface Science, 2012, 376, 160-164.	9.4	19
104	Surface adsorption and vesicle formation of dilauroylphosphatidylcholine in room temperature ionic liquids. Journal of Colloid and Interface Science, 2012, 377, 262-268.	9.4	8
105	Polyoxyethylene cholesteryl ether-based aqueous wormlike micelles. Colloid and Polymer Science, 2012, 290, 339-348.	2.1	5
106	Production of Glycolipid Biosurfactants, Cellobiose Lipids, byCryptococcus humicolaJCM 1461 and Their Interfacial Properties. Bioscience, Biotechnology and Biochemistry, 2011, 75, 1597-1599.	1.3	44
107	Production and Characterization of a Glycolipid Biosurfactant, Mannosylerythritol Lipid B, from Sugarcane Juice byUstilago scitamineaNBRC 32730. Bioscience, Biotechnology and Biochemistry, 2011, 75, 1371-1376.	1.3	42
108	Adsorption of Phytosterol Ethoxylates on Silica in an Aprotic Room-Temperature Ionic Liquid. Langmuir, 2011, 27, 3244-3248.	3.5	12

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109	Photochemical Control of Molecular Assembly Formation in a Catanionic Surfactant System. Langmuir, 2011, 27, 1610-1617.	3.5	36
110	Rheological Properties of Polyoxyethylene Cholesteryl Ether Wormlike Micelles in Aqueous System. Journal of Physical Chemistry B, 2011, 115, 2937-2946.	2.6	35
111	Microwave discharge electrodeless lamps (MDEL). Photochemical and Photobiological Sciences, 2011, 10, 1239-1248.	2.9	6
112	Structure and Dynamics of Poly(oxyethylene) Cholesteryl Ether Wormlike Micelles: Rheometry, SAXS, and Cryo-TEM Studies. Langmuir, 2011, 27, 12877-12883.	3.5	33
113	Reverse micelle microstructural transformations induced by oil and water. Soft Matter, 2011, 7, 10017.	2.7	22
114	Microwave frequency effect in the formation of Au nanocolloids in polar and non-polar solvents. Nanoscale, 2011, 3, 1697.	5.6	36
115	Preparation and Properties of Nanosized Biodegradable Polymer Capsules. Journal of Oleo Science, 2011, 60, 569-573.	1.4	2
116	Catanionic Mixtures Forming Gemini-like Amphiphiles. Journal of Oleo Science, 2011, 60, 549-555.	1.4	21
117	Oleic Acid-Based Gemini Surfactants with Carboxylic Acid Headgroups. Journal of Oleo Science, 2011, 60, 411-417.	1.4	24
118	Novel Granulation-Shaped Microwave Discharge Electrodeless Lamps Setup for the Photodegradation of an Aqueous 1, 4-Dioxane Solution. Journal of Japan Society on Water Environment, 2011, 34, 89-93.	0.4	3
119	Recent Advances in Gemini Surfactants: Oleic Acid-Based Gemini Surfactants and Polymerizable Gemini Surfactants. Journal of Oleo Science, 2011, 60, 159-163.	1.4	41
120	Visible Light Responsive Electrospun TiO2 Fibers Embedded with WO3 Nanoparticles. Chemistry Letters, 2011, 40, 1161-1162.	1.3	16
121	Anisotropic Photomechanical Motion of Semicircular-shaped Microfibers That Contain Dyes. Chemistry Letters, 2011, 40, 1229-1230.	1.3	7
122	Hierarchic Template Approach for Synthesis of Silica Nanocapsules with Tuned Shell Thickness. Chemistry Letters, 2011, 40, 840-842.	1.3	5
123	Fabrication and Photocatalytic Properties of TiO2 Nanotube Arrays Modified with Phosphate. Chemistry Letters, 2011, 40, 1107-1109.	1.3	37
124	Preparation of Liposomes Modified with Lipopeptides Using a Supercritical Carbon Dioxide Reverse-phase Evaporation Method. Journal of Oleo Science, 2011, 60, 209-215.	1.4	21
125	Influence of Humidity and of the Electric and Magnetic Microwave Radiation Fields on the Remediation of TCE-contaminated Natural Sandy Soils. Journal of Oleo Science, 2011, 60, 375-383.	1.4	7
126	Simulation of Dynamic Behavior of Surfactants on a Hydrophobic Surface Using Periodic-Shell Boundary Molecular Dynamics. Journal of Oleo Science, 2011, 60, 171-176.	1.4	3

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127	DSPC/DLPC Mixed Films Supported on Silica: A QCM-D and Friction Force Study. Journal of Oleo Science, 2011, 60, 177-183.	1.4	9
128	Physicochemical Analysis of Liposome Membranes Consisting of Model Lipids in the Stratum Corneum. Journal of Oleo Science, 2011, 60, 197-202.	1.4	9
129	Photoinduced Increase in Surfactant Solution Viscosity Using Azobenzene Dicarboxylate for Molecular Switching. Journal of Oleo Science, 2011, 60, 203-207.	1.4	17
130	SAXS and Rheometry Studies of Diglycerol Monolurate Reverse Micelles in Styrene. Journal of Oleo Science, 2011, 60, 393-401.	1.4	2
131	Nonionic Surfactant Mixtures in an Imidazolium-Type Room-Temperature Ionic Liquid. Journal of Oleo Science, 2011, 60, 563-567.	1.4	16
132	5Î±-Reductase type 1 inhibition of Oryza sativa bran extract prepared by supercritical carbon dioxide fluid. Journal of Supercritical Fluids, 2011, 59, 61-71.	3.2	21
133	Microwave discharge electrodeless lamps (MDELs). VI. Performance evaluation of a novel microwave discharge granulated electrodeless lamp (MDGEL)â€"Photoassisted defluorination of perfluoroalkoxy acids in aqueous media. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 222, 97-104.	3.9	20
134	Rapid erasing of wettability patterns based on TiO2-PDMS composite films. Materials Chemistry and Physics, 2011, 126, 484-487.	4.0	15
135	Effect of subphase temperature on the phase-separated structures of mixed Langmuir and Langmuirâ€"Blodgett films of fatty acids and hybrid carboxylic acids. Journal of Colloid and Interface Science, 2011, 363, 379-385.	9.4	6
136	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
137	Fabrication and Pore Size Control of Large-Pore Mesoporous Silica Particles through a Solvent Evaporation Process. Silicon, 2011, 3, 139-143.	3.3	6
138	Enzymatic synthesis of a novel glycolipid biosurfactant, mannosylerythritol lipid-D and its aqueous phase behavior. Carbohydrate Research, 2011, 346, 266-271.	2.3	42
139	Preparation and photocatalytic activity under visible light irradiation of mesostructured titania particles modified with phthalocyanine in the pores. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 217, 136-140.	3.9	12
140	Molecular dynamics simulations of adsorption of hydrophobic 1,2,4-trichlorobenzene (TCB) on hydrophilic TiO2 in surfactant emulsions and experimental process efficiencies of photo-degradation and -dechlorination. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 217, 141-146.	3.9	13
141	Characteristics of microwaves on second generation nitrogen-doped TiO2 nanoparticles and their effect on photoassisted processes. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 217, 191-200.	3.9	26
142	Effect of microwave radiation on the (Raman) lattice phonons in selected titanium dioxide solid specimens. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 220, 94-101.	3.9	13
143	Surface adsorption and aggregate formation of nonionic surfactants in a room temperature ionic liquid, 1-butyl-3-methylimidazolium hexafluorophosphate (bmimPF6). Journal of Colloid and Interface Science, 2011, 358, 527-533.	9.4	45
144	A novel liquid plasma AOP device integrating microwaves and ultrasounds and its evaluation in defluorinating perfluorooctanoic acid in aqueous media. Ultrasonics Sonochemistry, 2011, 18, 938-942.	8.2	36

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145	Reverse Micelle Microstructural Transformations Induced by Surfactant Molecular Structure, Concentration, and Temperature. Journal of Nanoscience and Nanotechnology, 2011, 11, 7665-7675.	0.9	11
146	Antioxidant Activities and Skin Hydration Effects of Rice Bran Bioactive Compounds Entrapped in Niosomes. Journal of Nanoscience and Nanotechnology, 2011, 11, 2269-2277.	0.9	16
147	Enzymatic Conversion of Diacetylated Sophoroselipid into Acetylated Glucoselipid: Surface-Active Properties of Novel Bolaform Biosurfactants. Journal of Oleo Science, 2010, 59, 495-501.	1.4	33
148	Interaction of Guanidine-type Surfactants with Biological Substances. Journal of Oleo Science, 2010, 59, 101-108.	1.4	6
149	Microwave Discharge Electrodeless Lamps (MDEL). V. Microwave-assisted Photolytic Disinfection ofBacillus Subtilisin Simulated Electroplating Wash Wastewaters. Journal of Microwave Power and Electromagnetic Energy, 2010, 44, 81-87.	0.8	1
150	Sulfonic-Hydroxyl-Type Heterogemini Surfactants Synthesized from Unsaturated Fatty Acids. Journal of Oleo Science, 2010, 59, 541-548.	1.4	17
151	Rheological Behavior of Polyoxyethylene Phytosterol-Polyoxyethylene Cholesterol/Tetraethylene Glycol Monododecyl Ether/Water Systems. Journal of Oleo Science, 2010, 59, 471-476.	1.4	0
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