

Masahiko Abe

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Direct entry of cell-penetrating peptide can be controlled by maneuvering the membrane curvature. <i>Scientific Reports</i> , 2021 , 11, 31	4.9	8
405	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. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 13170-13180	3.6	1
404	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
403	Phase Behavior and Polymerization of the Ternary Polymerizable Cationic Gemini Surfactant/Fatty Alcohol/Water System. <i>Langmuir</i> , 2020 , 36, 986-990	4	5
402	Key Process and Factors Controlling the Direct Translocation of Cell-Penetrating Peptide through Bio-Membrane. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
401	In vivo anti-ageing activity of cream containing niosomes loaded with purple glutinous rice (<i>Oryza sativa</i> Linn.) extract. <i>International Journal of Cosmetic Science</i> , 2020 , 42, 622-631	2.7	9
400	Synthesis and properties of renewable citronellol based biodegradable anionic surfactant. <i>Colloid and Polymer Science</i> , 2020 , 298, 1543-1550	2.4	4
399	Amino acid-type photo-cleavable surfactants: Controlled dispersion stability of silica particles and release of active ingredients. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 564, 108-114	5.1	5
398	Phase Behavior of Ester Based Anionic Surfactants: Sodium Alkyl Sulfoacetates. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 6235-6242	3.9	6
397	Potent Anti-Proliferation on the Colon Cancer Cell Line (HT-29) of Liposomal Formulations Entrapped with Semi-Purified Job® Tears (Linn.) Fractions. <i>Journal of Nanoscience and Nanotechnology</i> , 2019 , 19, 1996-2007	1.3	0
396	Characterization of the micelle structure of oleic acid-based gemini surfactants: effect of stereochemistry. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 8874-8880	3.6	5
395	Effect of inorganic and organic counterions on interfacial properties of oleic acid-based gemini surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 538, 73-78	5.1	9
394	Three new cardiac glycosides obtained from the roots of <i>Lour.</i> and their cytotoxic and melanogenesis-inhibitory activities.. <i>RSC Advances</i> , 2018 , 8, 19570-19579	3.7	7
393	Physicochemical Understanding of Self-Aggregation and Microstructure of a Surface-Active Ionic Liquid [Cmim] [COSO] Mixed with a Reverse Pluronic 10R5 (POEPO). <i>ACS Omega</i> , 2018 , 3, 5155-5164	3.9	12
392	Photoinduced viscosity control of lecithin-based reverse wormlike micellar systems using azobenzene derivatives.. <i>RSC Advances</i> , 2018 , 8, 23742-23747	3.7	6
391	Adsolubilization-induced structural change in adsorbed surfactant aggregates: Equilibrium and kinetics monitored by AFM and QCM-D. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 520, 231-238	5.1	3
390	Sustainable oleic and stearic acid based biodegradable surfactants. <i>RSC Advances</i> , 2017 , 7, 10433-10442	3.7	27

389	Physicochemical Evaluation of Micellar Solution and Lyotropic Phases Formed by Self-Assembled Aggregates of Morpholinium Gemini. <i>ACS Omega</i> , 2017 , 2, 5324-5334	3.9	11
388	pH-sensitive Wormlike Micelle and Hydrogel Formation by Acylglutamic Acid-Alkylamine Complex. <i>Chemistry Letters</i> , 2016 , 45, 655-657	1.7	1
387	Dependence of Intestinal Absorption Profile of Insulin on Carrier Morphology Composed of Cyclodextrin-Grafted Chitosan. <i>Molecular Pharmaceutics</i> , 2016 , 13, 4034-4042	5.6	14
386	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	5.1	22
385	Surface Adsorption and Micelle Formation of Polyoxyethylene-type Nonionic Surfactants in Mixtures of Water and Hydrophilic Imidazolium-type Ionic Liquid. <i>Journal of Oleo Science</i> , 2016 , 65, 499-506	1.6	5
384	Preparation of Nonionic Vesicles Using the Supercritical Carbon Dioxide Reverse Phase Evaporation Method and Analysis of Their Solution Properties. <i>Journal of Oleo Science</i> , 2016 , 65, 21-6	1.6	8
383	Preparation and Properties of Nonionic Vesicles Prepared with Polyglycerol Fatty Acid Esters Using the Supercritical Carbon Dioxide Reverse Phase Evaporation Method. <i>Journal of Oleo Science</i> , 2016 , 65, 201-6	1.6	9
382	Suppression of the Hypothalamic-pituitary-adrenal Axis by Maximum Androgen Blockade in a Patient with Prostate Cancer. <i>Internal Medicine</i> , 2016 , 55, 3623-3626	1.1	2
381	Potent in vivo anticancer activity and stability of liposomes encapsulated with semi-purified Job tears (<i>Coix lacryma-jobi</i> Linn.) extracts on human colon adenocarcinoma (HT-29) xenografted mice. <i>Drug Delivery</i> , 2016 , 23, 3399-3407	7	8
380	Synthesis and Properties of Heterocyclic Cationic Gemini Surfactants 2016 , 539-553		3
379	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
378	Potent in vitro anti-proliferative, apoptotic and anti-oxidative activities of semi-purified Job tears (<i>Coix lacryma-jobi</i> Linn.) extracts from different preparation methods on 5 human cancer cell lines. <i>Journal of Ethnopharmacology</i> , 2016 , 187, 281-92	5	10
377	Characterizing solid/ionic liquid interfaces in the presence of water and nonionic surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016 , 509, 433-439	5.1	4
376	Wormlike Micelles with Nonionic Surfactants 2016 , 1095-1104		
375	Ternary phase behavior of phytosterol ethoxylate, water, and imidazolium-based ionic liquid systems [Lyotropic liquid crystal formation over a wide range of compositions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015 , 472, 117-123	5.1	3
374	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	3.6	50
373	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
372	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

371	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
370	Selective formation of mannosyl-L-arabitol lipid by <i>Pseudozyma tsukubaensis</i> JCM16987. <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 5833-41	5.7	10
369	Removal of surfactant template from mesoporous titania. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015 , 464, 52-56	5.1	0
368	Promotion of crystalline cellulose degradation by expansins from <i>Oryza sativa</i> . <i>Planta</i> , 2015 , 241, 83-93	4.7	13
367	Production of Self-Assembled Fullerene (C60) Nanocrystals at Liquid-Liquid Interface. <i>Journal of Nanoscience and Nanotechnology</i> , 2015 , 15, 2394-9	1.3	7
366	Self-Assembly of Nonionic Surfactants in Room-Temperature Ionic Liquids 2015 , 47-62		1
365	Emulsification by Phosphorylcholine-type Gemini Amphiphile as Active Interfacial Modifier. <i>Chemistry Letters</i> , 2015 , 44, 247-249	1.7	2
364	Effects of biosurfactants, mannosylerythritol lipids, on the hydrophobicity of solid surfaces and infection behaviours of plant pathogenic fungi. <i>Journal of Applied Microbiology</i> , 2015 , 119, 215-24	4.7	19
363	Interfacial and emulsifying properties of soybean peptides with different degrees of hydrolysis. <i>Journal of Oleo Science</i> , 2015 , 64, 183-9	1.6	9
362	Application of yeast glycolipid biosurfactant, mannosylerythritol lipid, as agrospreaders. <i>Journal of Oleo Science</i> , 2015 , 64, 689-95	1.6	12
361	Nonionic surfactants enhancing bactericidal activity at their critical micelle concentrations. <i>Journal of Oleo Science</i> , 2015 , 64, 61-8	1.6	4
360	Synthesis of Silica Nanotube Using Myelin Figure as Template and their Formation Mechanism. <i>Journal of Oleo Science</i> , 2015 , 64, 663-72	1.6	12
359	Enhancement of Cellulose Degradation by Cattle Saliva. <i>PLoS ONE</i> , 2015 , 10, e0138902	3.7	7
358	Hydrogen-assisted fabrication of spherical gold nanoparticles through sonochemical reduction of tetrachloride gold(III) ions in water. <i>Ultrasonics Sonochemistry</i> , 2014 , 21, 946-50	8.9	17
357	Media-dependent morphology of supramolecular aggregates of β -cyclodextrin-grafted chitosan and insulin through multivalent interactions. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 1802-1812	7.3	17
356	EGel formation by amino acid-based gemini surfactants. <i>Langmuir</i> , 2014 , 30, 7654-9	4	25
355	Self-aggregation and liquid crystalline behavior of new ester-functionalized quinuclidinium surfactants. <i>Langmuir</i> , 2014 , 30, 9036-44	4	14
354	Intracellular imaging of cesium distribution in <i>Arabidopsis</i> using Cesium Green. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 8208-11	9.5	30

353	Preparation of gold/silver/titania trilayered nanorods and their photocatalytic activities. <i>Langmuir</i> , 2014 , 30, 922-8	4	51
352	Self-aggregation properties of new ester-based gemini surfactants and their rheological behavior in the presence of cosurfactant 1-monolaurin. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014 , 461, 258-266	5.1	26
351	Phosphatidylcholine-based nonaqueous photorheological fluids: effect of geometry and solvent. <i>Colloid and Polymer Science</i> , 2014 , 292, 1599-1609	2.4	11
350	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	2.4	22
349	Surfactant-like properties of an amphiphilic helical peptide leading to lipid nanodisc formation. <i>Langmuir</i> , 2014 , 30, 4752-9	4	20
348	Effects of spacer chain length of amino acid-based gemini surfactants on wormlike micelle formation. <i>Journal of Oleo Science</i> , 2014 , 63, 249-55	1.6	12
347	Monolayer behavior of binary systems of lactonic and acidic forms of sophorolipids: thermodynamic analyses of Langmuir monolayers and AFM study of Langmuir-Blodgett monolayers. <i>Journal of Oleo Science</i> , 2014 , 63, 67-73	1.6	5
346	Monolayer behavior of cyclic and linear forms of surfactins: thermodynamic analysis of Langmuir monolayers and AFM study of Langmuir-Blodgett monolayers. <i>Journal of Oleo Science</i> , 2014 , 63, 407-12	1.6	8
345	Physicochemical properties of oleic acid-based partially fluorinated gemini surfactants. <i>Journal of Oleo Science</i> , 2014 , 63, 257-67	1.6	10
344	Preparation of gold/titania core-shell nanocomposites with a tunable shell thickness. <i>Journal of Oleo Science</i> , 2014 , 63, 507-13	1.6	5
343	Fabrication and BSA adsorption/desorption properties of titania/silica composite films modified with silane coupling agents. <i>Journal of Oleo Science</i> , 2014 , 63, 1077-83	1.6	3
342	Multicolour fluorescent memory based on the interaction of hydroxy terphenyls with fluoride anions. <i>Chemistry - A European Journal</i> , 2014 , 20, 16293-300	4.8	5
341	Langmuir nanoarchitectonics: one-touch fabrication of regularly sized nanodisks at the air-water interface. <i>Langmuir</i> , 2013 , 29, 7239-48	4	48
340	Preparation and photocatalytic activity of robust titania monoliths for water remediation. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 500-4	9.5	31
339	Influence of lattice distortion and oxygen vacancies on the UV-driven/microwave-assisted TiO ₂ photocatalysis. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013 , 265, 20-28	4.7	19
338	Colorimetric visualization of acid-base equilibria in non-polar solvent. <i>Chemical Communications</i> , 2013 , 49, 6870-2	5.8	24
337	Photorheological response of aqueous wormlike micelles with photocleavable surfactant. <i>Langmuir</i> , 2013 , 29, 5668-76	4	25
336	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

- 335 Structures of langmuir-gibbs films consisting of long-chain fatty acid and water-soluble surfactants. *Journal of Oleo Science*, **2013**, 62, 681-93 1.6 3
- 334 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, 505-116 1.6 9
- 333 Effect of water on interfacial chemical properties of nonionic surfactants in hydrophobic ionic liquid bmimPF₆. *Journal of Oleo Science*, **2013**, 62, 363-70 1.6 4
- 332 Melanogenesis of methyl myristate loaded niosomes in B16F10 melanoma cells. *Journal of Biomedical Nanotechnology*, **2013**, 9, 626-38 4 7
- 331 Characterization of mannosylerythritol lipids containing hexadecatetraenoic acid produced from cuttlefish oil by *Pseudozyma churashimaensis* OK96. *Journal of Oleo Science*, **2013**, 62, 319-27 1.6 11
- 330 Preparation of hollow titania nanoparticles of single-nanometer size using a PAMAM dendrimer template. *Journal of Oleo Science*, **2013**, 62, 637-41 1.6 1
- 329 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, 913-8 1.6 12
- 328 Equilibrium surface tension, dynamic surface tension, and micellization properties of lactobionamide-type sugar-based gemini surfactants. *Journal of Oleo Science*, **2013**, 62, 353-62 1.6 20
- 327 Quaternary ammonium-type gemini surfactants synthesized from oleic acid: aqueous solution properties and adsorption characteristics. *Journal of Oleo Science*, **2013**, 62, 489-98 1.6 8
- 326 Rapid synthesis of Gemini surfactants using a novel 915-MHz microwave apparatus. *Journal of Oleo Science*, **2013**, 62, 39-44 1.6 2
- 325 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
- 324 Organic syntheses by microwave selective heating of novel metal/CMC catalysts The SuzukiMiyaura coupling reaction in toluene and the dehydrogenation of tetralin in solvent-free media. *Journal of Catalysis*, **2012**, 289, 266-271 7.3 17
- 323 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, 80-5 9.3 17
- 322 A cinnamic acid-type photo-cleavable surfactant. *Journal of Colloid and Interface Science*, **2012**, 376, 160-4.3 9.3 15
- 321 Surface adsorption and vesicle formation of dilauroylphosphatidylcholine in room temperature ionic liquids. *Journal of Colloid and Interface Science*, **2012**, 377, 262-8 9.3 8
- 320 Polyoxyethylene cholesteryl ether-based aqueous wormlike micelles. *Colloid and Polymer Science*, **2012**, 290, 339-348 2.4 5
- 319 Bioinspired Mechanism for the Translocation of Peptide through the Cell Membrane. *Chemistry Letters*, **2012**, 41, 1078-1080 1.7 16
- 318 One-touch Nanofabrication of Regular-sized Disks through Interfacial Dewetting and Weak Molecular Interaction. *Chemistry Letters*, **2012**, 41, 170-172 1.7 12

317	Photochemical Control of Viscosity Using Sodium Cinnamate as a Photoswitchable Molecule. <i>Chemistry Letters</i> , 2012 , 41, 247-248	1.7	22
316	Electroless Deposition of Metal Micropatterns Using Ink-jetted ZnO Thin Films as Templates. <i>Chemistry Letters</i> , 2012 , 41, 558-560	1.7	
315	Wormlike micelle formation by acylglutamic acid with alkylamines. <i>Langmuir</i> , 2012 , 28, 17617-22	4	39
314	Peptide-based gemini amphiphiles: phase behavior and rheology of wormlike micelles. <i>Langmuir</i> , 2012 , 28, 15472-81	4	34
313	Transdermal absorption enhancement of rice bran bioactive compounds entrapped in niosomes. <i>AAPS PharmSciTech</i> , 2012 , 13, 323-35	3.9	15
312	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
311	Adsolubilization by a photo-responsive surfactant. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012 , 410, 119-124	5.1	7
310	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
309	Reverse vesicle formation from the yeast glycolipid biosurfactant mannosylerythritol lipid-D. <i>Journal of Oleo Science</i> , 2012 , 61, 285-9	1.6	7
308	The diastereomers of mannosylerythritol lipids have different interfacial properties and aqueous phase behavior, reflecting the erythritol configuration. <i>Carbohydrate Research</i> , 2012 , 351, 81-6	2.9	21
307	Enhanced conversion of tetralin dehydrogenation under microwave heating: Effects of temperature variation. <i>Fuel Processing Technology</i> , 2012 , 95, 27-32	7.2	13
306	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
305	Photomechanical Energy Conversion of Photoresponsive Fibers Exhibiting Bending Behavior. <i>International Journal of Photoenergy</i> , 2012 , 2012, 1-6	2.1	1
304	Phase behavior of phytosterol ethoxylates in an imidazolium-type room-temperature ionic liquid. <i>Journal of Oleo Science</i> , 2012 , 61, 135-41	1.6	9
303	Physico-chemical properties of cationic niosomes loaded with fraction of rice (<i>Oryza sativa</i>) bran extract. <i>Journal of Nanoscience and Nanotechnology</i> , 2012 , 12, 7339-45	1.3	11
302	Stable surfactant-free toluene-polyethylene-in-water emulsion prepared by ultrasonication at high temperature. <i>Journal of Oleo Science</i> , 2012 , 61, 57-63	1.6	4
301	Synthesis and interfacial properties of monoacyl glyceric acids as a new class of green surfactants. <i>Journal of Oleo Science</i> , 2012 , 61, 343-8	1.6	11
300	Electrochemical Dynamic Control of Self-Assemblies Formed by Redox-Active Surfactants 2012 , 567-582		2

299	Microwave discharge electrodeless lamps (MDEL). Part VII. Photo-isomerization of trans-urocanic acid in aqueous media driven by UV light from a novel Hg-free Dewar-like microwave discharge thermally-insulated electrodeless lamp (MDTIEL). Performance evaluation. <i>Photochemical and Photobiological Sciences</i> , 2011 , 10, 1239-48	4.2	3
298	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
297	Reverse micelle microstructural transformations induced by oil and water. <i>Soft Matter</i> , 2011 , 7, 10017	3.6	21
296	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
295	Preparation and properties of nanosized biodegradable polymer capsules. <i>Journal of Oleo Science</i> , 2011 , 60, 569-73	1.6	2
294	Catanionic mixtures forming gemini-like amphiphiles. <i>Journal of Oleo Science</i> , 2011 , 60, 549-55	1.6	19
293	Oleic acid-based gemini surfactants with carboxylic acid headgroups. <i>Journal of Oleo Science</i> , 2011 , 60, 411-7	1.6	20
292	Novel Granulation-Shaped Microwave Discharge Electrodeless Lamps Setup for the Photodegradation of an Aqueous 1, 4-Dioxane Solution. <i>Journal of Japan Society on Water Environment</i> , 2011 , 34, 89-93	0.2	3
291	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
290	Visible Light Responsive Electrospun TiO ₂ Fibers Embedded with WO ₃ Nanoparticles. <i>Chemistry Letters</i> , 2011 , 40, 1161-1162	1.7	15
289	Anisotropic Photomechanical Motion of Semicircular-shaped Microfibers That Contain Dyes. <i>Chemistry Letters</i> , 2011 , 40, 1229-1230	1.7	7
288	Hierarchic Template Approach for Synthesis of Silica Nanocapsules with Tuned Shell Thickness. <i>Chemistry Letters</i> , 2011 , 40, 840-842	1.7	5
287	Fabrication and Photocatalytic Properties of TiO ₂ Nanotube Arrays Modified with Phosphate. <i>Chemistry Letters</i> , 2011 , 40, 1107-1109	1.7	26
286	Preparation of liposomes modified with lipopeptides using a supercritical carbon dioxide reverse-phase evaporation method. <i>Journal of Oleo Science</i> , 2011 , 60, 209-15	1.6	18
285	Influence of humidity and of the electric and magnetic microwave radiation fields on the remediation of TCE-contaminated natural sandy soils. <i>Journal of Oleo Science</i> , 2011 , 60, 375-83	1.6	5
284	Simulation of dynamic behavior of surfactants on a hydrophobic surface using periodic-shell boundary molecular dynamics. <i>Journal of Oleo Science</i> , 2011 , 60, 171-6	1.6	2
283	DSPC/DLPC mixed films supported on silica: a QCM-D and friction force study. <i>Journal of Oleo Science</i> , 2011 , 60, 177-83	1.6	9
282	Physicochemical analysis of liposome membranes consisting of model lipids in the stratum corneum. <i>Journal of Oleo Science</i> , 2011 , 60, 197-202	1.6	6

281	Photoinduced increase in surfactant solution viscosity using azobenzene dicarboxylate for molecular switching. <i>Journal of Oleo Science</i> , 2011 , 60, 203-7	1.6	16
280	SAXS and rheometry studies of diglycerol monolurate reverse micelles in styrene. <i>Journal of Oleo Science</i> , 2011 , 60, 393-401	1.6	2
279	Nonionic surfactant mixtures in an imidazolium-type room-temperature ionic liquid. <i>Journal of Oleo Science</i> , 2011 , 60, 563-7	1.6	15
278	5 α -Reductase type 1 inhibition of <i>Oryza sativa</i> bran extract prepared by supercritical carbon dioxide fluid. <i>Journal of Supercritical Fluids</i> , 2011 , 59, 61-71	4.2	19
277	Microwave discharge electrodeless lamps (MDELs). VI. Performance evaluation of a novel microwave discharge granulated electrodeless lamp (MDGEL) Photoassisted defluorination of perfluoroalkoxy acids in aqueous media. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011 , 222, 97-104	4.7	17
276	Rapid erasing of wettability patterns based on TiO ₂ -PDMS composite films. <i>Materials Chemistry and Physics</i> , 2011 , 126, 484-487	4.4	15
275	Effect of subphase temperature on the phase-separated structures of mixed Langmuir and Langmuir-Blodgett films of fatty acids and hybrid carboxylic acids. <i>Journal of Colloid and Interface Science</i> , 2011 , 363, 379-85	9.3	4
274	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
273	Fabrication and Pore Size Control of Large-Pore Mesoporous Silica Particles through a Solvent Evaporation Process. <i>Silicon</i> , 2011 , 3, 139-143	2.4	4
272	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
271	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
270	Adsorption of phytosterol ethoxylates on silica in an aprotic room-temperature ionic liquid. <i>Langmuir</i> , 2011 , 27, 3244-8	4	12
269	Photochemical control of molecular assembly formation in a cationic surfactant system. <i>Langmuir</i> , 2011 , 27, 1610-7	4	34
268	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
267	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
266	Preparation and photocatalytic activity under visible light irradiation of mesostructured titania particles modified with phthalocyanine in the pores. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011 , 217, 136-140	4.7	11
265	Molecular dynamics simulations of adsorption of hydrophobic 1,2,4-trichlorobenzene (TCB) on hydrophilic TiO ₂ in surfactant emulsions and experimental process efficiencies of photo-degradation and -dechlorination. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011 , 217, 141-146	4.7	9
264	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

263	Effect of microwave radiation on the (Raman) lattice phonons in selected titanium dioxide solid specimens. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011 , 220, 94-101	4.7	12
262	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
261	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
260	Reverse micelle microstructural transformations induced by surfactant molecular structure, concentration, and temperature. <i>Journal of Nanoscience and Nanotechnology</i> , 2011 , 11, 7665-75	1.3	10
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