

Takeshi Kawai

List of Publications by Year in descending order

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papers

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152
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citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a MnOOH Mineral Electrocatalyst for Water Splitting by Controlling the Surface Defects of a Naturally Occurring Ore. <i>Chemistry Letters</i> , 2022, 51, 50-53.	1.3	6
2	Enhanced Electrochromic Properties of Hierarchical Iron Oxyhydroxide Hollow Sphere Array. <i>Chemistry Letters</i> , 2022, 51, 227-230.	1.3	1
3	Detection of Fe ³⁺ and Hg ²⁺ ions through photoluminescence quenching of carbon dots derived from urea and bitter tea oil residue. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 272, 120963.	3.9	7
4	Thermally Tunable Structural Coloration of Water/Surfactant/Oil Emulsions. <i>Langmuir</i> , 2022, 38, 569-575.	3.5	3
5	Development of a MnCO ₃ -based Electrocatalyst for Water Oxidation from Rhodochrosite Ore. <i>Chemistry Letters</i> , 2022, 51, 723-727.	1.3	3
6	Chiral Transcription from Chiral Au Nanowires to Self-Assembled Monolayers of Achiral Azobenzene Derivatives. <i>Bulletin of the Chemical Society of Japan</i> , 2022, 95, 1006-1010.	3.2	6
7	Hole, Convex, and Silver Nanoparticle Patterning on Polystyrene Nanosheets by Colloidal Photolithography at Air–Water Interfaces. <i>Langmuir</i> , 2022, 38, 8153-8159.	3.5	5
8	Conductive nanosheets produced by UV irradiation of a Ag nanoparticle monolayer at the air–water interface. <i>RSC Advances</i> , 2021, 11, 9693-9697.	3.6	6
9	Homogeneous Helical Nanofibers of 12-Hydroxystearic Acid and Long-chain Amidoamine Derivatives Prepared by Tuning the Gelation Solvent. <i>Chemistry Letters</i> , 2021, 50, 788-791.	1.3	1
10	Preparing Alumina-Supported Gold Nanowires for Alcohol Oxidation. <i>ACS Omega</i> , 2021, 6, 16043-16048.	3.5	11
11	Preparation and Catalytic Performance of Highly Stable Silica-Coated Gold Nanorods Supported on Alumina. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 1685-1689.	3.2	2
12	Self-assembly behavior and monolayer characteristics of dodecylamine on Au (111) surface. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 126, 351-358.	5.3	2
13	Au Nanoparticle Monolayer Nanosheets as Flexible Transparent Conductive Electrodes. <i>ACS Applied Nano Materials</i> , 2021, 4, 10845-10851.	5.0	13
14	Insights into the deposition of nanostructured nickel oxides by amino acid chelated Complexes: Benefits of mixed side chains in the formation of nanostructures for Energy-efficient Electrochromic windows. <i>Applied Surface Science</i> , 2021, 568, 150914.	6.1	3
15	Assessing nickel oxide electrocatalysts incorporating diamines and having improved oxygen evolution activity using <i>in operando</i> UV/visible and X-ray absorption spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 23280-23287.	2.8	6
16	Iron Oxyhydroxide Hierarchical Micro/Nanostructured Film as Catalyst for Electrochemical Oxygen Evolution Reaction. <i>Analytical Sciences</i> , 2020, 36, 27-31.	1.6	6
17	Fabrication of Flexible and Transparent Conductive Nanosheets by the UV Irradiation of Gold Nanoparticle Monolayers. <i>Small</i> , 2020, 16, e1903365.	10.0	18
18	Improvement in Cobalt Phosphate Electrocatalyst Activity toward Oxygen Evolution from Water by Glycine Molecule Addition and Functional Details. <i>Analytical Sciences</i> , 2020, 36, 35-39.	1.6	9

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19	Nanometer-Thick Nickel Oxide Films Prepared from Alanine-Chelated Coordination Complexes for Electrochromic Smart Windows. <i>ACS Applied Nano Materials</i> , 2020, 3, 9528-9537.	5.0	11
20	Magnetic Fe ₃ O ₄ -Supported Gold Nanoflowers with Lattice-Selected Surfaces: Preparation and Catalytic Performance. <i>ACS Omega</i> , 2020, 5, 15755-15760.	3.5	6
21	<i>Operando</i> Observations of a Manganese Oxide Electrocatalyst for Water Oxidation Using Hard/Tender/Soft X-ray Absorption Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2020, 124, 23611-23618.	3.1	22
22	Controlling Helical Pitch of Chiral Supramolecular Nanofibers Composed of Two Amphiphiles. <i>Bulletin of the Chemical Society of Japan</i> , 2020, 93, 1150-1154.	3.2	7
23	Synthesis of water-dispersible, plate-like perovskites and their core-shell nanocrystals. <i>RSC Advances</i> , 2020, 10, 5972-5977.	3.6	2
24	Gelation properties of various long chain amidoamines: Prediction of solvent gelation via machine learning using Hansen solubility parameters. <i>Journal of Molecular Liquids</i> , 2020, 303, 112587.	4.9	9
25	Effects of electrolyte pH on the formation of nickel oxide films and the corresponding electrochromic properties. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 110, 34-40.	5.3	6
26	Water-Phase Synthesis of Ultrathin Au Nanowires with a Two-Dimensional Parallel Array Structure. <i>Bulletin of the Chemical Society of Japan</i> , 2020, 93, 1372-1377.	3.2	9
27	Magnetic and thermal responses of a nonvolatile shape memory fluid. <i>Materials Advances</i> , 2020, 1, 2712-2716.	5.4	0
28	Water-Oil Phase Transfer and Fractionation of pH-Responsive Gold Nanocrystals. <i>Journal of the Japan Society of Colour Material</i> , 2020, 93, 205-209.	0.1	0
29	Morphological Stability and Catalytic Performance of Supported and Unsupported Dendritic Gold Nanowire Catalysts. <i>ChemistrySelect</i> , 2019, 4, 9908-9914.	1.5	1
30	Study of a gelled Deep Eutectic solvent metal salt solution as template for the production of size-controlled small noble metal nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 567, 55-62.	4.7	22
31	Tuning Gel-Sol Transition Behavior of a Hydrogel Based on 12-Hydroxystearic Acid and a Long-Chain Amidoamine Derivative. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 435-440.	3.2	15
32	Au-Ag Nanoflower Catalysts with Clean Surfaces for Alcohol Oxidation. <i>Chemistry - an Asian Journal</i> , 2019, 14, 547-552.	3.3	12
33	Chirality-Controlled Syntheses of Double-Helical Au Nanowires. <i>Journal of the American Chemical Society</i> , 2018, 140, 4991-4994.	13.7	89
34	Preparation and length control of water-dispersible ultrathin gold and silver bimetallic nanowires. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 543, 9-14.	4.7	12
35	Imparting Photo-responsive Function to Thermo-responsive Iridescent Emulsions. <i>Colloids and Interfaces</i> , 2018, 2, 47.	2.1	0
36	Preparation and Reconstruction of Long Branched Palladium Nanowires Exhibiting High Catalytic Activities. <i>ChemistrySelect</i> , 2018, 3, 13387-13390.	1.5	2

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37	One-Pot Synthesis of Pd Nanorings Using a Soft Template of Spindle-Shaped Amphiphilic Molecular Assembly. <i>Journal of Physical Chemistry C</i> , 2018, 122, 23165-23171.	3.1	4
38	Tuning the Electronic Properties and Acid-Response Behavior of N-Heteroacene-Based π -Conjugated Liquids by Changing the Number of π -Conjugated Substituents. <i>Chemistry - an Asian Journal</i> , 2018, 13, 2619-2625.	3.3	19
39	Editorial Message for the Readers of "The ACOS 2017 Japan Special Issue". <i>Journal of Oleo Science</i> , 2018, 67, 639-639.	1.4	0
40	High Stability and Catalytic Activity of Supported Anisotropic Gold Nanocrystals. <i>Journal of the Japan Society of Colour Material</i> , 2018, 91, 132-136.	0.1	0
41	Highly Stable Silica-Coated Gold Nanoflowers Supported on Alumina. <i>Langmuir</i> , 2017, 33, 4313-4318.	3.5	22
42	One-pot fabrication of multiporous polymer particles by phase inversion in emulsions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 532, 570-577.	4.7	4
43	Stimuli-Responsive and Soft-Template Functions of Novel Amphiphiles Having Amidoamine Groups. , 2017, , 85-107.		0
44	pH-Responsive Supported and Unsupported Gold Nanocrystals. <i>ChemistrySelect</i> , 2017, 2, 5695-5700.	1.5	5
45	Fractionation of binary polymer blend based on size distribution of particles prepared by phase inversion method. <i>Polymer</i> , 2017, 125, 276-282.	3.8	2
46	Poly(styrene-co-acrylonitrile) Particles Prepared by Phase Inversion of W/O Emulsions. <i>Journal of Oleo Science</i> , 2017, 66, 269-277.	1.4	3
47	Exploring the Multifunctionality of a Novel Long-Chain Amidoamine Amphiphile. <i>Journal of Oleo Science</i> , 2017, 66, 13-19.	1.4	2
48	Ion-specific Effect on Oil-in-water Emulsion Gels Containing a Stimuli-responsive Fibrous Assembly of Amidoamine-derivative Hydrogelator. <i>Journal of Oleo Science</i> , 2016, 65, 985-991.	1.4	0
49	Stimuli-Responsive Extraction and Ambidextrous Redispersion of Zwitterionic Amphiphile-Capped Silver Nanoparticles. <i>Langmuir</i> , 2016, 32, 6948-6955.	3.5	6
50	Dendritic gold nanowires supported on SiO_2 nanoparticles fabricated by a seed growth method. <i>New Journal of Chemistry</i> , 2016, 40, 7048-7052.	2.8	10
51	Water and Organic Solvent Dispersible Gold Nanorods that are pH Responsive. <i>ChemistrySelect</i> , 2016, 1, 5404-5408.	1.5	11
52	Surface clean gold nanoflower obtained by complete removal of capping agents: an active catalyst for alcohol oxidation. <i>RSC Advances</i> , 2016, 6, 17222-17227.	3.6	26
53	A pH-Controlled Reversible Phase Transfer and Electrolytic Size-Fractionation of Stable Silver Nanoparticles Capped with a Long Amino Amide Dicarboxylic Acid. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 1719-1725.	3.2	1
54	pH-induced recovery and redispersion of shape-controlled gold nanorods for nanocatalysis. <i>RSC Advances</i> , 2015, 5, 75889-75894.	3.6	16

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55	Bio-inspired, topologically connected colloidal arrays via wrinkle and plasma processing. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 443, 576-582.	4.7	12
56	Micrometer-sized mesoporous diamond spherical particles. <i>Diamond and Related Materials</i> , 2014, 43, 72-79.	3.9	10
57	Recovery and redispersion of gold nanoparticles using the self-assembly of a pH sensitive zwitterionic amphiphile. <i>Chemical Communications</i> , 2014, 50, 12933-12936.	4.1	25
58	Preparation of Silica-Coated Ultrathin Gold Nanowires with High Morphological Stability. <i>Langmuir</i> , 2014, 30, 1888-1892.	3.5	31
59	Preparation and Catalytic Activity of Pd and Bimetallic Pd-Ni Nanowires. <i>Langmuir</i> , 2014, 30, 5026-5030.	3.5	76
60	Sodium Dodecylsulfate Bilayer Formation Under a Cationic Surfactant Langmuir Monolayer at the Air-Water Interface. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 2198-2203.	0.9	5
61	Preparation of PVP-PVA-exfoliated graphite cross-linked composite hydrogels for the incorporation of small tin nanoparticles. <i>European Polymer Journal</i> , 2013, 49, 2654-2659.	5.4	20
62	Room-Temperature Synthesis of Two-Dimensional Ultrathin Gold Nanowire Parallel Array with Tunable Spacing. <i>Langmuir</i> , 2013, 29, 1669-1675.	3.5	50
63	Reversible dispersion-precipitation of single-walled carbon nanotubes by pH change and addition of organic components. <i>New Journal of Chemistry</i> , 2013, 37, 3607.	2.8	8
64	Fabrication and Functionalization of Periodically Aligned Metallic Nanocup Arrays Using Colloidal Lithography with a Sinusoidally Wrinkled Substrate. <i>Langmuir</i> , 2013, 29, 15058-15064.	3.5	18
65	Synthesis of green organogelators with a sulfide linkage via solvent-free Michael addition: soft templates for the preparation of size-controlled gold nanoparticles. <i>Tetrahedron Letters</i> , 2013, 54, 651-656.	1.4	6
66	Incorporation of graphene into photopolymerizable hydrogels of N-acyl glutanamides: Rheological and swelling behavior study of soft nanocomposite materials. <i>Polymer</i> , 2013, 54, 1064-1071.	3.8	13
67	Colorimetric response and lipoplex formation with DNA of a high sensitive amine oxide substituted polydiacetylene. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 430, 85-90.	4.7	6
68	Thermal-Sensitive Viscosity Transition of Elongated Micelles Induced by Breaking Intermolecular Hydrogen Bonding of Amide Groups. <i>Langmuir</i> , 2013, 29, 5450-5456.	3.5	35
69	N-stearoyl amino acid derivatives: Potent biomimetic hydro/organogelators as templates for preparation of gold nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2013, 390, 17-24.	9.4	32
70	Flexible Molding of Polyioncomplex Gel Film including Polymer Modified-Graphene. <i>Hyomen Kagaku</i> , 2013, 34, 404-408.	0.0	0
71	High organogelation ability and soft-templating for ultrathin Au nanowires of long-chain amidoamine derivatives. <i>Journal of Oleo Science</i> , 2013, 62, 81-87.	1.4	7
72	Reversible Dispersion and Aggregation of Ag ₂ S Nanoparticles Capped with Azobenzene-Derivatized Alkanethiols. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 648-655.	0.9	1

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73	Fabrication of Metal Half-Shells Using Colloidal Particle Monolayer and Their Application in Surface-Enhanced Raman Scattering. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 451-457.	0.9	1
74	Fractionation of Au Nanomaterials Using Selective Adsorption of a Long-chain Amidoamine Derivative. <i>Chemistry Letters</i> , 2012, 41, 603-605.	1.3	3
75	Neuron-Shaped Gold Nanocrystals and Two-Dimensional Dendritic Gold Nanowires Fabricated by Use of a Long-Chain Amidoamine Derivative. <i>Langmuir</i> , 2012, 28, 14998-15004.	3.5	30
76	Salt complexes of two-component N-acylamino acid diastereoisomers: self-assembly studies and modulation of gelation abilities. <i>Tetrahedron Letters</i> , 2012, 53, 6588-6593.	1.4	7
77	Solvation effects with a photoresponsive two-component 12-hydroxystearic acid-azobenzene additive organogel. <i>Journal of Colloid and Interface Science</i> , 2012, 384, 94-98.	9.4	24
78	Effect of amide moieties for hydrogelators on gelation property and heating-free pH responsive gel-sol phase transition. <i>Journal of Oleo Science</i> , 2012, 61, 707-713.	1.4	12
79	Polyoxometalate-Modified Boron-Doped Diamond Electrodes. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 090121.	1.5	2
80	Self-assembled fabrication of a polycrystalline boron-doped diamond surface supporting Pt (or) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46 and Related Materials, 2011, 20, 1171-1178.	3.9	13
81	Water-dispersible ultrathin Au nanowires prepared using a lamellar template of a long-chain amidoamine derivative. <i>Chemical Communications</i> , 2011, 47, 6380.	4.1	50
82	Novel thermo-responsive coloring phenomena in water/surfactant/oil emulsions. <i>Chemical Communications</i> , 2011, 47, 11760.	4.1	16
83	Double-stimuli Responsive O/W Emulsion Gel Based on a Novel Amidoamine Surfactant. <i>Journal of Oleo Science</i> , 2011, 60, 557-562.	1.4	10
84	Gold-Colored Organic Crystals Formed from an Azobenzene Derivative. <i>Journal of Oleo Science</i> , 2010, 59, 151-156.	1.4	26
85	Network of polystyrene particle strings fabricated using glass slide with hydrophobic and hydrophilic periodical patterns. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 358, 153-157.	4.7	1
86	Changes in viscosity behavior from a normal organogelator to a heat-induced gelator for a long-chain amidoamine derivative. <i>Chemical Communications</i> , 2010, 46, 7969.	4.1	28
87	Strings of Metal Half-Shells Fabricated Using Colloidal Particle Monolayer as a Template. <i>Langmuir</i> , 2010, 26, 11314-11318.	3.5	12
88	Reversible phase transfer and fractionation of Au nanoparticles by pH change. <i>Chemical Communications</i> , 2010, 46, 9206.	4.1	48
89	Characterization of Gibbs Monolayer at the Air-Water Interface by Infrared External Reflection Spectroscopy. <i>Journal of the Japan Society of Colour Material</i> , 2010, 83, 505-510.	0.1	1
90	High Sensitivity Electrochemical Detection of Hydrogen Peroxide at a Cobalt Phthalocyanine-Modified Boron-Doped Diamond Electrode. <i>ECS Transactions</i> , 2009, 16, 465-473.	0.5	3

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91	Enhanced electrochemical response in oxidative differential pulse voltammetry of dopamine in the presence of ascorbic acid at carboxyl-terminated boron-doped diamond electrodes. <i>Electrochimica Acta</i> , 2009, 54, 2312-2319.	5.2	48
92	Conductive diamond hollow fiber membranes. <i>Electrochemistry Communications</i> , 2009, 11, 1688-1691.	4.7	28
93	Characterization of colloidal crystal film of polystyrene particles at the air-suspension interface. <i>Journal of Colloid and Interface Science</i> , 2009, 336, 607-611.	9.4	8
94	Cobalt Phthalocyanine-Modified Boron-Doped Diamond Electrode for Highly Sensitive Detection of Hydrogen Peroxide. <i>Journal of the Electrochemical Society</i> , 2009, 156, F145.	2.9	29
95	Ambidextrous Gel Property and pH-Responsive Sol-Gel Transition of Low Molecular Mass Gelator Based on a Long-chain Amide Derivative. <i>Chemistry Letters</i> , 2009, 38, 778-779.	1.3	20
96	Characterization of Surfactant Monolayer by Vibrational Spectroscopy. <i>Oleoscience</i> , 2009, 9, 165-173.	0.0	1
97	Control of dispersion-coagulation behavior of Au nanoparticles capped with azobenzene-derivatized alkanethiol in a mixed chloroform-ethanol solvent. <i>Thin Solid Films</i> , 2008, 516, 8926-8931.	1.8	8
98	Sensitive Electrochemical Detection of Oxalate at a Positively Charged Boron-Doped Diamond Surface. <i>Electroanalysis</i> , 2008, 20, 1556-1564.	2.9	35
99	Preparation and photocoagulation in chloroform of Au nanoparticles capped with azobenzene-derivatized alkanesulfides. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 321, 308-312.	4.7	7
100	Crystal-Face-Selective Adsorption of Au Nanoparticles onto Polycrystalline Diamond Surfaces. <i>Langmuir</i> , 2008, 24, 7545-7548.	3.5	23
101	Characterization and electrochemical properties of CF ₄ plasma-treated boron-doped diamond surfaces. <i>Diamond and Related Materials</i> , 2008, 17, 48-54.	3.9	27
102	Reversible molecular recognition/removal cycles at a thymine-containing ionically crosslinked polyallylamine film. <i>Journal of Materials Chemistry</i> , 2008, 18, 5654.	6.7	0
103	Adsorbed Monolayers of Mixed Surfactant Solutions of Sodium Dodecylsulfate and Cetylpyridinium Chloride Studied by Infrared External Reflection Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2008, 112, 2040-2044.	3.1	20
104	Photochemical Modification of a Boron-doped Diamond Electrode Surface with Vinylferrocene. <i>Journal of Physical Chemistry C</i> , 2008, 112, 11887-11892.	3.1	34
105	Surface-sulfonated Diamond Powder for Solid Acid. <i>Chemistry Letters</i> , 2008, 37, 828-829.	1.3	7
106	Wettability of Monolayer of Polystyrene Particle Capped with Self-Assembled Monolayer of Various Thiol Compounds. <i>Journal of the Japan Society of Colour Material</i> , 2007, 80, 285-288.	0.1	0
107	Fabrication of Covalent SAM/Au Nanoparticle/Boron-Doped Diamond Configurations with a Sequential Self-Assembly Method. <i>Journal of Physical Chemistry C</i> , 2007, 111, 12650-12657.	3.1	27
108	Plasma etching treatment for surface modification of boron-doped diamond electrodes. <i>Electrochimica Acta</i> , 2007, 52, 3841-3848.	5.2	50

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109	Fabrication of Flexible Gold Films with Periodic Sub-Micrometer Roughness and Their Wettability Control by Modification of SAM. <i>Langmuir</i> , 2006, 22, 9957-9961.	3.5	16
110	Effect of the Addition of Polymers on Cracks in 3-Dimensional Assembly of Polystyrene Particles. <i>Journal of the Japan Society of Colour Material</i> , 2006, 79, 337-341.	0.1	0
111	Molecular recognition and removal properties of Langmuir-Blodgett films of nucleolipid amphiphiles bearing thymine headgroup. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 273, 101-108.	4.7	6
112	Development of Flexible Photo Sensor and Memory Devices Based on Organic Photo FET. <i>Materials Research Society Symposia Proceedings</i> , 2006, 965, 1.	0.1	0
113	Decomposition of Monolayer Coverage on Gold Nanoparticles by UV/ozone Treatment. <i>Chemistry Letters</i> , 2005, 34, 544-545.	1.3	28
114	Studies on 2D hybrid films of half surfactant-covered Au nanoparticles at the air/water interface. <i>Journal of Colloid and Interface Science</i> , 2005, 285, 634-639.	9.4	9
115	Formation of Dendrimer-like Gold Nanoparticle Assemblies. <i>Chemistry of Materials</i> , 2005, 17, 3636-3641.	6.7	61
116	Effects of Concentration and Temperature on SDS Monolayers at the Air-Solution Interface Studied by Infrared External Reflection Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2005, 109, 4497-4500.	2.6	35
117	Loop Formation of Au Nanoparticles Adsorbed on Langmuir Monolayers. <i>Chemistry Letters</i> , 2004, 33, 368-369.	1.3	1
118	Infrared External Reflection Spectra of Mixed Monolayers of Sodium Dodecyl Sulfate and Myristic Acid at an Air/Water Interface. <i>Journal of Oleo Science</i> , 2002, 51, 51-55.	1.4	3
119	Synthesis and Formation Mechanism of Polyacrylamide Particles in Reversed Micelle. <i>Journal of the Japan Society of Colour Material</i> , 2001, 74, 223-228.	0.1	0
120	Ionic Strength Effects of Electrolytes on Solubilized States of Water in AOT Reversed Micelles. <i>Journal of Colloid and Interface Science</i> , 2001, 233, 166-170.	9.4	35
121	Sum Frequency Generation on Surfactant-Coated Gold Nanoparticles. <i>Journal of the American Chemical Society</i> , 2000, 122, 12031-12032.	13.7	52
122	Synthesis of ZnO Particles by Ammonia-Catalyzed Hydrolysis of Zinc Dibutoxide in Nonionic Reversed Micelles. <i>Langmuir</i> , 2000, 16, 4086-4089.	3.5	47
123	Synthesis of Monodispersed GeO ₂ Particles in Nonionic Reversed Micelle Systems. Control of Particle Size and Crystal Structure. <i>Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal</i> , 2000, , 457-465.	0.1	0
124	Driving force controlling liquid crystal alignment on photochromic polyion complex LB film. <i>Thin Solid Films</i> , 1999, 352, 228-233.	1.8	4
125	Synthesis and growth mechanism of GeO ₂ particles in AOT reversed micelles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999, 149, 39-47.	4.7	30
126	Photoregulation of Molecular Orientation of Stearic Acid in a Polyion Complex LB Film Containing Azobenzene Derivative. <i>Journal of Physical Chemistry B</i> , 1999, 103, 5517-5521.	2.6	13

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127	FT-IR External Reflection Spectroscopy Study on Photochromic Monolayers at the Air-Water Interface. Chemistry Letters, 1999, 28, 375-376.	1.3	12
128	Infrared External Reflection Spectroscopy of Sodium Dodecyl Sulfate Monolayers at the Air-Solution Interface: Removal of Bulk-Phase Water Concentration Effects. Langmuir, 1998, 14, 4964-4966.	3.5	32
129	Synthesis of Monodisperse Fine TiO ₂ Particles by Aqueous Sulfuric Acid Droplets Solubilized by Reversed Micelles. Journal of the Japan Society of Colour Material, 1998, 71, 225-231.	0.1	1
130	Effects of Electrolytes on Solubilized States of Water by Aerosol OT Reversed Micelles. Journal of Japan Oil Chemists' Society, 1998, 47, 853-857,895.	0.3	1
131	Order-Disorder Transition in a Dioctadecyldimethylammonium Chloride LB Film Studied by FT-IR ATR Spectroscopy. Bulletin of the Chemical Society of Japan, 1997, 70, 771-775.	3.2	4
132	Molecular orientation in liquid crystals on a photochromic polyion complex LB film by FTIR spectroscopy. Thin Solid Films, 1997, 301, 225-229.	1.8	13
133	Synthesis of monodisperse ZrO ₂ particles in polyoxyethylated nonionic reversed micelles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1996, 109, 245-253.	4.7	30
134	Kinetics of Polymerization of Acrylamide in Aerosol OT W/O Microemulsions. Bulletin of the Chemical Society of Japan, 1995, 68, 2175-2177.	3.2	2
135	Competitive and Exchange Adsorption of Epoxy Resin and Poly(vinylbutyral) on Ferrimagnetic GAMMA-Fe ₂ O ₃ Particles. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1995, 1995, 358-362.	0.1	1
136	Formation of Reversed Micelles and W/O Microemulsions of Butyldodecyldimethylammonium Bromide in Chlorobenzene. Bulletin of the Chemical Society of Japan, 1993, 66, 2804-2807.	3.2	14
137	Formation of AOT Reversed Micelles and W/O Microemulsions. Bulletin of the Chemical Society of Japan, 1992, 65, 2715-2719.	3.2	64
138	Resonance Raman study of spread monolayers of cetyl orange on water and thin LB films. Journal of Molecular Structure, 1991, 242, 39-48.	3.6	12
139	Quantitative evaluation of molecular orientation in thin Langmuir-Blodgett films by FT-IR transmission and reflection-absorption spectroscopy. The Journal of Physical Chemistry, 1990, 94, 62-67.	2.9	321
140	Molecular orientation in LB films of azobenzene-containing long-chain fatty acids and their barium salts studied by FT-IR transmission and reflection-absorption spectroscopy. Langmuir, 1990, 6, 672-676.	3.5	85
141	Non-resonance Raman studies on spread monolayers of stearic acid-d ₃₅ and cadmium stearate-d ₃₅ on water surfaces and thin LB films. Chemical Physics Letters, 1989, 162, 243-247.	2.6	59
142	Orientation evaluation of polyion complex Langmuir-Blodgett films by Fourier transform IR transmission and reflection-absorption spectroscopy. Thin Solid Films, 1989, 178, 281-287.	1.8	44
143	UV absorption spectra of azobenzene-containing long-chain fatty acids and their barium salts in spread monolayers and Langmuir-Blodgett films. Langmuir, 1989, 5, 1378-1383.	3.5	145
144	pH dependence of UV-vis absorption and resonance Raman spectra of an aqueous solution of an azobenzene-containing ammonium amphiphile. Langmuir, 1988, 4, 693-696.	3.5	5

#	ARTICLE	IF	CITATIONS
145	Fourier transform infrared study on the phase transitions of a 1,2-bis(myristoylamido)-1,2-deoxyphosphatidylcholine-water system. Langmuir, 1988, 4, 449-452.	3.5	30
146	Polarized Fourier transform infrared spectra and molecular orientation of a water-dioctadecyldimethylammonium chloride system in the coagel and gel phases. Langmuir, 1986, 2, 739-743.	3.5	34
147	Fourier transform infrared study on the phase transitions of an octadecyltrimethylammonium chloride-water system. Journal of Colloid and Interface Science, 1985, 103, 56-61.	9.4	94
148	Fourier transform infrared study on black soap films. Canadian Journal of Chemistry, 1985, 63, 1713-1718.	1.1	27
149	Fourier Transform Infrared Study on the Phase Transitions of a Water-Dioctadecyldimethylammonium Chloride System. Molecular Crystals and Liquid Crystals, 1984, 112, 293-309.	0.8	15
150	Fourier transform infrared spectra and micelle formation of sodiumn-alkanesulfonates in aqueous solution. Colloid and Polymer Science, 1984, 262, 61-66.	2.1	14