Yukishige Kondo

List of Publications by Year
in descending order

119	2,801	172457	206112
papers	citations	29 h-index	48 g-index

121	121	121	2002
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Control of Viscoelasticity Using Redox Reaction. Journal of the American Chemical Society, 2004, 126, 12282-12283.	13.7	255
2	Spontaneous Vesicle Formation from Aqueous Solutions of Didodecyldimethylammonium Bromide and Sodium Dodecyl sulfate Mixtures. Langmuir, 1995, 11, 2380-2384.	3.5	140
3	Reversible Light-Induced Morphological Change in Langmuirâ˜Blodgett Films. Journal of the American Chemical Society, 1998, 120, 1479-1484.	13.7	121
4	Photoinduced Demulsification of Emulsions Using a Photoresponsive Gemini Surfactant. Langmuir, 2014, 30, 41-47.	3.5	80
5	Preparation of a W/scCO2Microemulsion Using Fluorinated Surfactants. Langmuir, 2003, 19, 220-225.	3.5	77
6	Syntheses of Hybrid Anionic Surfactants Containing Fluorocarbon and Hydrocarbon Chains. Langmuir, 1995, 11, 466-469.	3.5	71
7	Ferrocene-Containing Cationic Lipids: Influence of Redox State on Cell Transfection. Journal of the American Chemical Society, 2005, 127, 11576-11577.	13.7	65
8	Electrochemical Control of Vesicle Formation with a Double-Tailed Cationic Surfactant Bearing Ferrocenyl Moieties. Langmuir, 2001, 17, 8044-8048.	3.5	63
9	Solution Properties of Double-Tailed Cationic Surfactants Having Ferrocenyl Groups in Their Hydrophobic Moieties. Langmuir, 1996, 12, 921-924.	3.5	61
10	Effects of CO2-philic Tail Structure on Phase Behavior of Fluorinated Aerosol-OT Analogue Surfactant/Water/Supercritical CO2Systems. Langmuir, 2003, 19, 8161-8167.	3.5	58
11	Active Demulsification of Photoresponsive Emulsions Using Cationicâ€“Anionic Surfactant Mixtures. Langmuir, 2016, 32, 683-688.	3.5	58
12	Interfacial Properties of Branch-Tailed Fluorinated Surfactants Yielding a Water/Supercritical CO2Microemulsion. Langmuir, 2004, 20, 2560-2566.	3.5	57
13	Solubilization of Perfume Compounds by Pure and Mixtures of Surfactants. Journal of Colloid and Interface Science, 1993, 160, 16-23.	9.4	54
14	First Anionic Micelle with Unusually Long Lifetime:Â Self-Assembly of Fluorocarbonâ˜Hydrocarbon Hybrid Surfactant. Journal of the American Chemical Society, 2002, 124, 6516-6517.	13.7	48
15	Structure of Phase-Separated Langmuirâ˜Blodgett Films of Hydrogenated and Perfluorinated Carboxylic Acids Investigated by IR Spectroscopy, AFM, and FFM. Langmuir, 2003, 19, 2802-2807.	3.5	48
16	Protein adsorption on polymer-modified silica particle surface. Colloids and Surfaces B: Biointerfaces, 2007, 54, 101-107.	5.0	48
17	Three-body-wear resistance of the experimental composites containing filler treated with hydrophobic silane coupling agents. Dental Materials, 2008, 24, 760-764.	3.5	47
18	Micellar Solution Properties of Fluorocarbonâ˜Hydrocarbon Hybrid Surfactants. Langmuir, 1996, 12, 5768-5772.	3.5	46

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19	Thermoresponsive Viscoelasticity of Sodium 1-Oxo-1-[4-(tridecafluorohexyl)phenyl]-2-hexanesulfonate Aqueous Solutions. Langmuir, 1997, 13, 5054-5055.	3.5	42
20	Reversible control of vesicle formation using electrochemical reaction. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2004, 232, 221-228.	4.7	42
21	Control of Twoâ€Dimensional Nanopatterns by Adjusting Intermolecular Interactions. Advanced Materials, 2007, 19, 3668-3671.	21.0	42
22	Micelle Aggregating Condition of Fluorocarbonâ^'Hydrocarbon Hybrid Surfactants in Aqueous Solution. Langmuir, 1997, 13, 2935-2942.	3.5	41
23	Anomalous Viscoelasticity of Concentrated Solutions with a Fluorinated Hybrid Surfactant. Langmuir, 1997, 13, 2932-2934.	3.5	41
24	Temperature-Induced Critical Phenomenon of Hybrid Surfactant As Revealed by Viscosity Measurements. Langmuir, 1998, 14, 4753-4757.	3.5	40
25	Hybrid fluorocarbon/hydrocarbon surfactants. Current Opinion in Colloid and Interface Science, 2005, 10, 88-93.	7.4	40
26	Ferrocene-containing cationic lipids for the delivery of DNA: Oxidation state determines transfection activity. Journal of Controlled Release, 2006, 112, 129-138.	9.9	40
27	Solubilization of 2-phenylethanol in surfactant vesicles and micelles. Langmuir, 1993, 9, 899-902.	3.5	36
28	Characterization of the Nanostructure of Complexes Formed by a Redox-Active Cationic Lipid and DNA. Journal of Physical Chemistry B, 2008, 112, 5849-5857.	2.6	35
29	Solubilization of Oily Compounds into Fluorocarbonâ^'Hydrocarbon Hybrid Surfactant Admicelles Formed on Alumina Surfaces. Langmuir, 2000, 16, 9991-9995.	3.5	30
30	Unusual viscoelasticity behaviour in aqueous solutions containing a photoresponsive amphiphile. Journal of Colloid and Interface Science, 2013, 407, 370-374.	9.4	30
31	Effects of fluoroalkyl chain length and added moles of oxyethylene on aggregate formation of branched-tail fluorinated anionic surfactants. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2001, 183-185, 749-755.	4.7	29
32	Template-Directed Patterning Using Phase-Separated Langmuirâ^'Blodgett Films. Langmuir, 2004, 20, 8728-8734.	3.5	29
33	Synthesis and properties of gemini-type hydrocarbonâ€“fluorocarbon hybrid surfactants. Journal of Fluorine Chemistry, 2008, 129, 577-582.	1.7	26
34	Synthesis and Antibacterial Activity of Quaternary Ammonium Salt-Type Antibacterial Agents with a Phosphate Group. Journal of Oleo Science, 2008, 57, 445-452.	1.4	26
35	Gold-Colored Organic Crystals Formed from an Azobenzene Derivative. Journal of Oleo Science, 2010, 59, 151-156.	1.4	26
36	Synthesis and solution properties of sulfate-type hybrid surfactants with a benzene ring. Journal of Fluorine Chemistry, 2003, 124, 189-196.	1.7	25

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37	Influence of Biological Media on the Structure and Behavior of Ferrocene-Containing Cationic Lipid/DNA Complexes Used for DNA Delivery. Langmuir, 2011, 27, 6615-6621.	3.5	25
38	Gold-Colored Organic Crystals of an Azobenzene Derivative. Langmuir, 2014, 30, 4422-4426.	3.5	25
39	Demulsification of Redox-Active Emulsions by Chemical Oxidation. Langmuir, 2016, 32, 7556-7563.	3.5	25
40	Active Control of Vesicle Formation Using a Reodx-Active Surfactant. Electrochemistry, 1997, 65, 669-672.	0.3	25
41	Chemical Activation of Lipoplexes Formed from DNA and a Redox-Active, Ferrocene-Containing Cationic Lipid. Bioconjugate Chemistry, 2008, 19, 2120-2128.	3.6	24
42	Thermoresponsive viscoelasticity of concentrated solutions with a fluorinated hybrid surfactant. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2000, 167, 47-60.	4.7	23
43	Lipoplexes Formed by DNA and Ferrocenyl Lipids: Effect of Lipid Oxidation State on Size, Internal Dynamics, and Î¶-Potential. Biophysical Journal, 2007, 93, 4414-4424.	0.5	23
44	Electrochemical control of solubilization using a ferrocene-modified nonionic surfactant. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2001, 183-185, 757-765.	4.7	22
45	Plaque-controlling surface modifier containing fluorocarbon chain. Reactive and Functional Polymers, 1998, 37, 271-282.	4.1	21
46	Photoinduced formation of threadlike micelles from mixtures of a cationic surfactant and a stilbene amphiphile. Journal of Colloid and Interface Science, 2016, 470, 250-256.	9.4	21
47	VOLATILITY AND SOLUBILIZATION OF SYNTHETIC FRAGRANCES BY PLURONIC P-85. Journal of Dispersion Science and Technology, 1996, 17, 567-576.	2.4	20
48	Protein adsorption and stability of poly(ethylene oxide)-modified surfaces having hydrophobic layer between substrate and polymer. Colloids and Surfaces B: Biointerfaces, 2007, 54, 82-87.	5.0	20
49	Preparation of thin polymer films with controlled drug release. Colloids and Surfaces B: Biointerfaces, 2007, 57, 219-225.	5.0	20
50	Redox-Based Control of the Transformation and Activation of siRNA Complexes in Extracellular Environments Using Ferrocenyl Lipids. Journal of the American Chemical Society, 2013, 135, 9111-9120.	13.7	19
51	Synthesis and viscoelastic properties of gemini surfactants containing redox-active ferrocenyl groups. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 572, 197-202.	4.7	18
52	Screening and isolation of the liamocin-producing yeast Aureobasidium melanogenum using xylose as the sole carbon source. Journal of Bioscience and Bioengineering, 2020, 129, 428-434.	2.2	18
53	Fluorocarbon Hybrid Surfactants Characterization of Admicelles and Its Solubilization. Industrial & Engineering Chemistry Research, 2000, 39, 2697-2703.	3.7	17
54	Syntheses and reactions of metal organics. XXL Syntheses of (1H,1H,2H,2H-polyfluoroalkyl)triisocyanate silanes and surface modification of glass. Journal of Fluorine Chemistry, 1996, 79, 87-91.	1.7	16

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55	Syntheses of novel fluorocarbon surfactants with oxyethylene groups. Journal of Fluorine Chemistry, 1998, 91, 147-151.	1.7	16
56	Self-Assembly of a Fluorocarbonâ^'Hydrocarbon Hybrid Surfactant: Dependence of Morphology on Surfactant Concentration and Time. Journal of Physical Chemistry B, 2010, 114, 13319-13325.	2.6	16
57	Anomalous Behavior of Fluorocarbon-Hydrocarbon Hybrid Surfactant in its Aqueous Solution. Surface Tension and Micropolarity.. Journal of Japan Oil Chemists' Society, 1996, 45, 479-482.	0.3	16
58	Syntheses of Cationic Surfactants having Two Ferrocenylalkyl Chains.. Journal of Japan Oil Chemists' Society, 1996, 45, 769-775.	0.3	15
59	Component Exchange in Phase-Separated LB Films of a Long-Chain Silane-Coupling Agent Mixed with Conventional Amphiphiles. Molecular Crystals and Liquid Crystals, 1997, 294, 31-34.	0.3	15
60	Synthesis of phosphate-type fluorocarbonâ€“hydrocarbon hybrid surfactants and their adsorption onto calcium hydroxyapatite. Journal of Fluorine Chemistry, 2004, 125, 1485-1490.	1.7	15
61	Chemical oxidation of a redox-active, ferrocene-containing cationic lipid: Influence on interactions with DNA and characterization in the context of cell transfection. Journal of Colloid and Interface Science, 2012, 387, 56-64.	9.4	15
62	Synthesis of novel highly heat-resistant fluorinated silane coupling agents. Journal of Fluorine Chemistry, 2006, 127, 1058-1065.	1.7	14
63	Formation of Wormlike Aggregates of Fluorocarbonâ^'Hydrocarbon Hybrid Surfactant by Langmuirâ^'Blodgett Transfer and Alignment of Gold Nanoparticles. Langmuir, 2007, 23, 5857-5860.	3.5	14
64	Spatial Control of Cell Transfection Using Soluble or Solid-Phase Redox Agents and a Redox-Active Ferrocenyl Lipid. ACS Applied Materials & Interfaces, 2013, 5, 8283-8288.	8.0	14
65	Stability of surfactant vesicles formed from cationic didodecyldimethylammonium bromide. Colloids and Surfaces B: Biointerfaces, 1993, 1, 51-56.	5.0	13
66	Shapes and Sizes of Sulfosuccinate-type Fluorocarbon Surfactant Vesicles in Aqueous Solutions. Journal of the Japan Society of Colour Material, 2000, 73, 53-59.	0.1	12
67	Synthesis and Solution Properties of Sulfate-Type Hybrid Surfactants with an Ethylene Spacer. Journal of Oleo Science, 2005, 54, 167-178.	1.4	12
68	Synthesis and Antimicrobial Activity of Quaternary Ammonium Silane Coupling Agents. Journal of Oleo Science, 2011, 60, 429-438.	1.4	12
69	Addition of ascorbic acid to the extracellular environment activates lipoplexes of a ferrocenyl lipid and promotes cell transfection. Journal of Controlled Release, 2012, 157, 249-259.	9.9	12
70	Multi-responsive organo- and hydrogelation based on the supramolecular assembly of fluorocarbon- and hydrocarbon-containing hybrid surfactants. Journal of Colloid and Interface Science, 2021, 588, 418-426.	9.4	12
71	Preparation of thin polymer films with drug release and protein adsorption resistance. Colloids and Surfaces B: Biointerfaces, 2007, 55, 19-25.	5.0	11
72	Reversible Destabilization of UVâ€Responsive Polymer Particles (Latex) using a Photoresponsive Surfactant. Macromolecular Rapid Communications, 2019, 40, e1900355.	3.9	11

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73	Outgassing performance of an ionic liquid-based magnetic fluid. Vacuum, 2019, 164, 34-40.	3.5	11
74	Selective Langmuirâ€“Blodgett Transfer on Phase-Separated Films. Chemistry Letters, 2002, 31, 970-971.	1.3	9
75	Effect of Ferrocenyl Group Oxidation on Micelle Formation and Benzene Derivatives Solubilization of a Cationic Ferrocenylated Surfactant. Journal of the Japan Society of Colour Material, 1999, 72, 78-87.	0.1	8
76	Synthesis of and Glass Surface Modification with Fluorinated Silane Coupling Agents with a Benzene Ring as a Spacer. Journal of Oleo Science, 2004, 53, 143-151.	1.4	8
77	Surface modification of poly(oligoethylene oxide methacrylate) for resisting protein adsorption. Colloids and Surfaces B: Biointerfaces, 2007, 54, 94-100.	5.0	7
78	Nanowire Formation in Two-component-mixed Langmuirâ€“Blodgett Films of Fatty Acid and Silane-coupling Agent. Chemistry Letters, 2008, 37, 480-481.	1.3	7
79	Incorporation of DOPE into lipoplexes formed from a ferrocenyl lipid leads to inverse hexagonal nanostructures that allow redox-based control of transfection in high serum. Soft Matter, 2012, 8, 6608.	2.7	7
80	Development and performance of a magnetic ionic liquid for use in vacuum-compatible non-contact seals. Precision Engineering, 2017, 47, 97-103.	3.4	7
81	Metal-free functionalized stilbene crystals exhibit silver luster. Dyes and Pigments, 2020, 179, 108394.	3.7	7
82	Control of Dual Stimuli-Responsive Vesicle Formation in Aqueous Solutions of Single-Tailed Ferrocenyl Surfactant by Varying pH and Redox Conditions. Journal of Oleo Science, 2014, 63, 239-248.	1.4	6
83	Synthesis and surface activity of photoresponsive hybrid surfactants containing both fluorocarbon and hydrocarbon chains. Journal of Colloid and Interface Science, 2021, 582, 638-646.	9.4	6
84	Synthesis of phosphate-type fluorocarbonâ€“hydrocarbon hybrid surfactants and their adsorption onto calcium hydroxyapatite. Journal of Fluorine Chemistry, 2005, 126, 301-306.	1.7	5
85	Unusual viscoelastic behavior of aqueous solutions of fluorocarbonâ€“hydrocarbon hybrid surfactant and its morphological transformations. Journal of Fluorine Chemistry, 2013, 145, 141-147.	1.7	5
86	Fabrication of hollow polymer particles using emulsions of hydrocarbon oil/fluorocarbon oil/aqueous surfactant solution. Journal of Fluorine Chemistry, 2017, 197, 34-41.	1.7	5
87	Azobenzene-based lustrous golden thin films fabricated by electrophoretic deposition. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 579, 123705.	4.7	5
88	Hydrostatic ionic liquid-lubricated fluid film bearing for a rotational electron-beam lithography system. Precision Engineering, 2020, 61, 194-203.	3.4	5
89	Redox Control of the Solubilization of Benzene with a Ferrocene-Modified Nonionic Surfactant. Journal of Japan Oil Chemists' Society, 1998, 47, 1337-1343,1362.	0.3	5
90	Golden organic crystals of an azobenzene derivative containing two ester bonds. Coloration Technology, 2015, 131, 255-258.	1.5	4

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91	Stimuli-Responsive Biomimetic Metallic Luster Films Using Dye Absorption and Specular Reflection from Layered Microcrystals. ACS Applied Polymer Materials, 2021, 3, 1819-1827.	4.4	4
92	Phase Behavior of Mixed Solutions of a Cationic Surfactant with a Ferrocenyl Group and an Anionic Surfactant: Surface Chemical and Electrochemical Approaches. Journal of Oleo Science, 2005, 54, 125-134.	1.4	4
93	Solubilization of Aromatic Compounds by Vesicles Prepared with Double-Chained Cationic Surfactants. Journal of the Japan Society of Colour Material, 1997, 70, 242-250.	0.1	3
94	Synthesis and Solution Properties of Hydrocarbon Surfactants Structurally Analogous to Hybrid Surfactants. Journal of Japan Oil Chemists' Society, 1999, 48, 707-711,726.	0.3	3
95	Fluorinated Surface-modifiers. Journal of Japan Oil Chemists' Society, 2000, 49, 1081-1088,1296.	0.3	3
96	Synthesis and Optical/Electronic Properties of Imitation-copper Crystals Based on Low-molecular Azobenzene Derivatives. Chemistry Letters, 2022, 51, 485-488.	1.3	3
97	Influence of the phase state of selfâ€assembling redox mediators on their electrochemical activity. AICHE Journal, 2014, 60, 1381-1392.	3.6	2
98	Synthesis and Characterization of Dioctanoyl Glycerate as Water-soluble Trypsin Inhibitor. Journal of Oleo Science, 2016, 65, 251-256.	1.4	2
99	Comparative Study of Interfacial and Biological Properties in <scp>d</scp>â€GlycerateâÐDerived Surfactants. JAOCS, Journal of the American Oil Chemists' Society, 2017, 94, 1393-1401.	1.9	2
100	Boosting Effect of Amphiphilic Random Copolymers for Bicontinuous Phases. Journal of Oleo Science, 2018, 67, 531-537.	1.4	2
101	Syntheses of Amphiphiles Containing Two Azobenzene Units in a Molecule. Journal of Japan Oil Chemists Society, 1995, 44, 1075-1085.	0.1	2
102	Waterâ€Durable Cesium Lead Halide Perovskite Nanocrystals Passivated with a Cationic Gemini Surfactant. Advanced Materials Interfaces, 2022, 9, .	3.7	2
103	Organic Compounds Removal by Vesicle-Enhanced Ultrafiltration. ACS Symposium Series, 1999, , 201-227.	0.5	1
104	Solution Properties of Sulfate-Type Fluoro-Hybrid Anionic Surfactants with a Benzene Ring in Their Molecules. Journal of Oleo Science, 2004, 53, 371-376.	1.4	1
105	Synthesis of bone formation deriving biosilanes. Colloids and Surfaces B: Biointerfaces, 2008, 66, 71-76.	5.0	1
106	Definition and Classification of Surfactants. Journal of the Japan Society of Colour Material, 2016, 89, 59-63.	0.1	1
107	Synthesis and Characterization of a Novel Glycolipid with Glucosylglycerate as a Hydrophile Showing Protective Effects on Heat-induced Protein Denaturation. Journal of Oleo Science, 2019, 68, 493-499.	1.4	1
108	Synthesis of .OMEGA.-Ferrocenylpentyltrichlorosilane and Its Conductive Cast Films. Journal of Oleo Science, 2003, 52, 505-508.	1.4	1

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109	Synthesis of Perfluoropolyethers Having a Functional Group at the Chain End and Their Adsorption Properties. Journal of the Japan Society of Colour Material, 2000, 73, 529-534.	0.1	0
110	Preparation of Low-Molecular Organic Crystals with a Metallic Luster. Journal of the Japan Society of Colour Material, 2014, 87, 442-447.	0.1	0
111	Two Findings Obtained from the Synthesis and Synthetic Process of a Photo-responsive Surfactant â€“ Photo-induced Demulsification and Gold-colored Crystals. Oleoscience, 2015, 15, 173-178.	0.0	0
112	Photo-Induced Demulsification. , 2017, , 5-17.		0
113	Preparation of Hollow Polystyrene Particles and Microcapsules by Radical Polymerization of Janus Droplets Consisting of Hydrocarbon and Fluorocarbon Oils. Journal of Visualized Experiments, 2018, , .	0.3	0
114	Synthesis and Unique Solution Properties of Fluorocarbon Hybrid Surfactants. Journal of the Japan Society of Colour Material, 2009, 82, 576-581.	0.1	0
115	Preparation and Structural Analysis of Gold-Lustrous Organic Crystals. Journal of the Japan Society of Colour Material, 2010, 84, 24-27.	0.1	0
116	Solution Properties of Double-Chained Anionic Surfactants with Two Hydrophilic Groups and Two Hydrophobic Groups Having Different Alkyl Chains. Journal of Japan Oil Chemists Society, 1995, 44, 1050-1054.	0.1	0
117	Synthesis of Novel Anionic Surfactants Possessing Two Ferrocenylalkyl Chains.. Journal of Japan Oil Chemists' Society, 1996, 45, 569-576.	0.3	0
118	Effect of pH on Solubilization of Benzene Derivatives by Dodecyltrimethylammonium Bromide Micelles.. Journal of Japan Oil Chemists' Society, 1997, 46, 183-190.	0.3	0
119	Preparation and Active Demulsification of Emulsions Using a Photo-responsive Surfactant. Journal of the Japan Society of Colour Material, 2020, 93, 249-251.	0.1	0