Kazue Kurihara

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.

155 papers	3,724 citations	32 h-index	55 g-index
172 ext. papers	4,009 ext. citations	4.5 avg, IF	5.11 L-index

#	Paper	IF	Citations
155	Evaluation of Interfacial pH Using Surface Forces Apparatus Fluorescence Spectroscopy. *Langmuir*, **2021**, 37, 5073-5080	4	1
154	Effects of surface and shear forces on nano-confined smectic-A liquid crystals studied by X-ray diffraction. *Physical Chemistry Chemical Physics*, **2021**, 23, 131-138	3.6	1
153	Ice premelting layer of ice-rubber friction studied using resonance shear measurement. *Soft Matter*, **2020**, 16, 8677-8682	3.6	1
152	Dynamics of lubricious, concentrated PMMA brush layers studied by surface forces and resonance shear measurements. *Soft Matter*, **2019**, 15, 7765-7776	3.6	3
151	Selection of Polymerizable Functional Group of Adhesive Monolayer to Control Monomer Viscosity under Confinement in Silica Nano-gaps. *Chemistry Letters*, **2019**, 48, 943-946	1.7	5
150	Viscoelasticity of Rubber/Ice Interfaces Under Shear Studied Using Low-Temperature Surface Forces Apparatus. *Tribology Letters*, **2019**, 67, 1	2.8	4
149	Mechanical model analysis for resonance shear measurement. *Review of Scientific Instruments*, **2019**, 90, 055110	1.7	9
148	Effect of Substrate on Nucleation Rate of Two-Dimensional Colloidal Crystals. *Crystal Growth and Design*, **2019**, 19, 3215-3221	3.5	1
147	Surface forces measurement for materials science. *Pure and Applied Chemistry*, **2019**, 91, 707-716	2.1	4
146	Confined film structure and friction properties of triblock copolymer additives in oil-based lubrication. *Polymer Journal*, **2019**, 51, 41-49	2.7	3
145	Surface anchoring of nematic liquid crystal on swollen polymer brush studied by surface forces measurement. *Advances in Colloid and Interface Science*, **2019**, 272, 101997	14.3	2
144	Ice Premelting Layer Studied by Resonance Shear Measurement (RSM). *Langmuir*, **2019**, 35, 15729-15733	4	2
143	Adhesive and Frictional Properties of Solid Lubricants for Powder Metallurgy Evaluated by Surface Force Apparatus. *Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy*, **2019**, 66, 554-559	0.2	
142	X-Ray diffraction and resonance shear measurement of nano-confined ionic liquids. *Physical Chemistry Chemical Physics*, **2018**, 20, 13714-13721	3.6	17
141	Surface forces between hydrophilic silica surfaces in a moisture-sensitive oleophilic diacrylate monomer liquid. *AIP Advances*, **2018**, 8, 025122	1.5	1
140	Engineering the anchoring behavior of nematic liquid crystals on a solid surface by varying the density of liquid crystalline polymer brushes. *Soft Matter*, **2018**, 14, 7569-7577	3.6	10
139	Deformation of contacting interface between polymer hydrogel and silica sphere studied by resonance shear measurement. *Journal of Chemical Physics*, **2018**, 149, 163327	3.9	7

138	Selection of Diacrylate Monomers for Sub-15 nm Ultraviolet Nanoimprinting by Resonance Shear Measurement. *Langmuir*, **2018**, 34, 9366-9375	4	8
137	Low-Temperature Surface Forces Apparatus to Determine the Interactions between Ice and Silica Surfaces. *Langmuir*, **2018**, 34, 11311-11315	4	10
136	Effect of running-in for delamination and friction properties of self-mating diamond-like carbon coatings in water. *Wear*, **2017**, 378-379, 27-34	3.5	7
135	Effect of Sliding History on Super-Low Friction of Diamond-Like Carbon Coating in Water Lubrication. *Tribology Letters*, **2017**, 65, 1	2.8	11
134	Nanometer-Resolved Fluidity of an Oleophilic Monomer between Silica Surfaces Modified with Fluorinated Monolayers for Nanoimprinting. *ACS Applied Materials & Interfaces*, **2017**, 9, 6591-6598	9.5	11
133	Nanotribological Characterization of Lubricants between Smooth Iron Surfaces. *Langmuir*, **2017**, 33, 3941-3948	4	13
132	Preparation of stable silica surfaces for surface forces measurement. *Review of Scientific Instruments*, **2017**, 88, 095108	1.7	6
131	Characterization of Platinum Electrode Surfaces by Electrochemical Surface Forces Measurement. *Journal of Physical Chemistry C*, **2017**, 121, 26406-26413	3.8	7
130	Structure and Function of Transfer Film Formed from PTFE/PEEK Polymer Blend. *Journal of Physical Chemistry C*, **2017**, 121, 14589-14596	3.8	35
129	Resonance Shear Measurement on Nano-Confined Liquids and Friction Analysis. *Hyomen Kagaku*, **2017**, 38, 117-122		
128	Force Estimation on the Contact of Poly(l,l-lactide) and Poly(d,d-lactide) Surfaces Regarding Stereocomplex Formation. *Langmuir*, **2016**, 32, 9501-6	4	7
127	Molecular Architecture Studied by the Surface Forces Measurement. *Langmuir*, **2016**, 32, 12290-12303	4	6
126	Resonance Shear Measurement for Studying Confined Liquids. *Journal of the Society of Japanese Women Scientists*, **2016**, 16, 1-6	0	
125	Tribochemical Degradation of Polytetrafluoroethylene Catalyzed by Copper and Aluminum Surfaces. *Journal of Physical Chemistry C*, **2016**, 120, 10857-10865	3.8	13
124	Effect of a Fatty Acid Additive on the Kinetic Friction and Stiction of Confined Liquid Lubricants. *Tribology Letters*, **2016**, 64, 1	2.8	11
123	Tribute to Toyoki Kunitake. *Langmuir*, **2016**, 32, 12231-12241	4	2
122	Anion Adsorption on Gold Electrodes Studied by Electrochemical Surface Forces Measurement. *Journal of Physical Chemistry C*, **2016**, 120, 15986-15992	3.8	27
121	Friction and Delamination Properties of Self-Mating Diamond-Like Carbon Coatings in Water. *Tribology Letters*, **2016**, 62, 1	2.8	8

120	Tribocatalytic Reaction of Polytetrafluoroethylene Sliding on an Aluminum Surface. *Journal of Physical Chemistry C*, **2015**, 119, 15954-15962	3.8	19
119	Friction of polymer hydrogels studied by resonance shear measurements. *Soft Matter*, **2015**, 11, 6192-2006	3.6	18
118	Microfluidic Spinning of Cell-Responsive Grooved Microfibers. *Advanced Functional Materials*, **2015**, 25, 2250-2259	15.6	104
117	Low-Friction Adsorbed Layers of a Triblock Copolymer Additive in Oil-Based Lubrication. *Langmuir*, **2015**, 31, 12140-7	4	6
116	Structural stability and polarisation of ionic liquid films on silica surfaces. *Physical Chemistry Chemical Physics*, **2015**, 17, 17661-9	3.6	15
115	Participation of Women Scientists and Engineers in Japan. *ACS Symposium Series*, **2015**, 385-390	0.4	1
114	Lubrication Properties of Ammonium-Based Ionic Liquids Confined between Silica Surfaces Using Resonance Shear Measurements. *Langmuir*, **2015**, 31, 13265-70	4	18
113	Molecular Level Elucidation of Lubrication Properties of Liquids. *Oleoscience*, **2015**, 15, 205-211	0.1	
112	Effect of confinement on electric field induced orientation of a nematic liquid crystal. *Soft Matter*, **2014**, 10, 2110-5	3.6	15
111	Shear dynamics of nanoconfined ionic liquids. *Physical Chemistry Chemical Physics*, **2014**, 16, 8247-56	3.6	52
110	Chemical Reaction Mechanism of Polytetrafluoroethylene on Aluminum Surface under Friction Condition. *Journal of Physical Chemistry C*, **2014**, 118, 5390-5396	3.8	41
109	Surface forces between mica surfaces confining inorganic nanoparticle dispersions and frictional properties. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2014**, 463, 70-77	5.1	1
108	Effect of Tribochemical Reaction on Transfer-Film Formation by Poly(tetrafluoroethylene). *Journal of Physical Chemistry C*, **2014**, 118, 11820-11826	3.8	58
107	Characterization of ferrocene-modified electrode using electrochemical surface forces apparatus. *Langmuir*, **2014**, 30, 7093-7	4	18
106	Novel Surface Forces Apparatus for Characterizing Solid-Liquid Interfaces. *Electrochemistry*, **2014**, 82, 317-321	1.2	8
105	Resonance Shear Measurement of Confined Alkylphenyl Ether Lubricants. *Tribology Letters*, **2014**, 56, 501-508	2.8	20
104	Characterization of Water Confined between Silica Surfaces Using the Resonance Shear Measurement. *Journal of Physical Chemistry C*, **2013**, 117, 13540-13546	3.8	41
103	Structural Change in Smectic Liquid Crystal Nanofilm under Molecular-Scale Confinement Measured by Synchrotron X-ray Diffraction. *Japanese Journal of Applied Physics*, **2013**, 52, 035002	1.4	7

102	Evaluation of pH of Water between Solid Surfaces Using Surface Forces Apparatus Fluorescence Spectroscopy. *Chemistry Letters*, **2012**, 41, 1282-1284	1.7	4
101	Mechanism of diffusion slowdown in confined liquids. *Physical Review Letters*, **2012**, 109, 197801	7.4	23
100	Two types of two-component gels formed from pseudoenantiomeric ethynylhelicene oligomers. *Langmuir*, **2012**, 28, 11939-47	4	23
99	Structuring of interfacial water on silica surface in cyclohexane studied by surface forces measurement and sum frequency generation vibrational spectroscopy. *Langmuir*, **2012**, 28, 14284-90	4	10
98	Direct Observation of Double Layer Interactions between the Potential-controlled Gold Electrode Surfaces Using the Electrochemical Surface Forces Apparatus. *Chemistry Letters*, **2011**, 40, 674-675	1.7	15
97	Fluorescent Dye Probe for Monitoring Local Viscosity of Confined Liquids. *Chemistry Letters*, **2011**, 40, 776-778	1.7	12
96	Surface Forces Study on Metal-Polymer Adhesion: 2. *Journal of the Japan Society of Colour Material*, **2011**, 84, 87-91	0	3
95	Formation of double helix self-assembled monolayers of ethynylhelicene oligomer disulfides on gold surfaces. *Tetrahedron*, **2011**, 67, 5972-5978	2.4	16
94	Unraveling the properties of octamethylcyclotetrasiloxane under nanoscale confinement: atomistic view of the liquidlike state from molecular dynamics simulation. *Journal of Chemical Physics*, **2011**, 134, 044536	3.9	11
93	My Way to Fascinating Science. *Hyomen Kagaku*, **2011**, 32, 495-499		
92	Resonance shear measurement of nanoconfined ionic liquids. *Physical Chemistry Chemical Physics*, **2010**, 12, 4066-71	3.6	157
91	Design of a Versatile Force Field for the Large-Scale Molecular Simulation of Solid and Liquid OMCTS. *Journal of Chemical Theory and Computation*, **2010**, 6, 1334-1340	6.4	11
90	Properties of Water at Solid Surface Revealed Using Surface Force Measurement. *Bunseki Kagaku*, **2010**, 59, 957-965	0.2	1
89	Polyelectrolyte brushes studied by surface forces measurement. *Advances in Colloid and Interface Science*, **2010**, 158, 130-8	14.3	12
88	Characterization and Regulation of the Structure Formation of Liquid at the Solid-liquid Interfaces. *Hyomen Kagaku*, **2009**, 30, 162-167		
87	Fourier-transform resonance shear measurement for studying confined liquids. *Review of Scientific Instruments*, **2009**, 80, 013701	1.7	11
86	Evaluation of Metal-Polymer Adhesion by Surface Forces Apparatus. *Journal of the Japan Society of Colour Material*, **2009**, 82, 279-283	0	3
85	Single Molecular Film for Recognizing Biological Molecular Interaction: DNA-Protein Interaction and Enzyme Reaction. *Advances in Materials Research*, **2009**, 125-137		1

84	In situ polymerization of molecular macroclusters on a silica surface: poly(N-isopropylacrylamide) nanofilms. *Langmuir*, **2008**, 24, 12364-8	4	3
83	A new physical model for resonance shear measurement of confined liquids between solid surfaces. *Review of Scientific Instruments*, **2008**, 79, 113705	1.7	33
82	New surface forces apparatus using two-beam interferometry. *Review of Scientific Instruments*, **2008**, 79, 043701	1.7	38
81	Preparation of Poly(acrylic acid) Nano-films by In-situ Polymerization of Acrylic Acid Macroclusters on Silicon Oxide Surfaces. *Macromolecular Symposia*, **2008**, 270, 40-47	0.8	3
80	Nanorheology and Nanotribology of Two-Component Liquid Crystal. *SAE International Journal of Fuels and Lubricants*, **2008**, 1, 1517-1523	1.8	10
79	???????????. *Electrochemistry*, **2008**, 76, 763-767	1.2	
78	Selectivity in substrate□nzyme complexation studied by surface forces measurement. *Colloid and Polymer Science*, **2008**, 286, 107-112	2.4	2
77	CHARACTERISTICS AND BEHAVIOR OF NANOPARTICLES AND ITS DISPERSION SYSTEMS **2008**, 113-176		5
76	Molecular macrocluster formation on silica surfaces in phenol-cyclohexane mixtures. *Langmuir*, **2007**, 23, 6070-5	4	13
75	Nanorheology of dioctyl phthalate confined between surfaces coated with long alkyl chains. *Langmuir*, **2007**, 23, 8365-70	4	13
74	Anisotropic molecular clustering in liquid ethanol induced by a charged fully hydroxylated silicon dioxide (SiO2) surface. *Chemical Physics Letters*, **2007**, 448, 253-257	2.5	8
73	Chemisch unsymmetrische, polymerisierte Tensid-Vesikeln: Herstellung und m□gliche Verwendung bei der k□nstlichen Photosynthese. *Angewandte Chemie*, **2006**, 94, 73-74	3.6	5
72	Direct observation of substrate-enzyme complexation by surface forces measurement. *Journal of the American Chemical Society*, **2006**, 128, 15209-14	16.4	17
71	Ethanol Macrocluster Formation on Gold Substrate Modified with Mercapto Alcohol. *Japanese Journal of Applied Physics*, **2006**, 45, 502-504	1.4	3
70	Viscosity and lubricity of aqueous NaCl solution confined between mica surfaces studied by shear resonance measurement. *Physical Review Letters*, **2006**, 96, 046104	7.4	110
69	Macrocluster Formation of Alcohol on Silica Surface in Cyclohexane: Analysis of Interfacial Energy between Adsorption Layer and Bulk Solution. *E-Journal of Surface Science and Nanotechnology*, **2006**, 4, 244-248	0.7	10
68	Surface induced hydrogen-bonded macrocluster formation of methanol on silica surfaces. *Langmuir* , **2005**, 21, 9402-5	4	24
67	Preparation of Nano-films by in situ Polymerization of Hydrogen-bonded Macroclusters ofN-isopropylacrylamide on Silica Surfaces. *Chemistry Letters*, **2005**, 34, 228-229	1.7	2

66	Electroconductive Langmuir-Blodgett films containing a carotenoid amphiphile for sugar recognition. *Journal of the American Chemical Society*, **2004**, 126, 5684-5	16.4	32
65	Direct Observation of Specific Interaction between Enzyme-substrate Complexes Using Colloidal Probe Atomic Force Microscopy. *Chemistry Letters*, **2004**, 33, 536-537	1.7	4
64	Hydrogen-Bonded Macrocluster Formation of 1-Propanol and 2-Propanol on Silica Surfaces. *Australian Journal of Chemistry*, **2003**, 56, 1071	1.2	16
63	Hydrogen-bonded Macrocluster Formation of Ethylene Glycol on Silica Surfaces in Ethylene Glycol-Cyclohexane Binary Liquids. *Chemistry Letters*, **2003**, 32, 84-85	1.7	7
62	Polyelectrolyte Brush Layers Studied by Surface Forces Measurement: Dependence on pH and Salt Concentrations and Scaling. *Langmuir*, **2002**, 18, 3932-3944	4	61
61	Hydrogen-bonded macrocluster formation of ethanol on silica surfaces in cyclohexane(1). *Journal of the American Chemical Society*, **2002**, 124, 12889-97	16.4	67
60	Nanostructuring of liquids at solid□quid interfaces **2002**, 49-56		4
59	Hydrogen-bonded surface macroclusters of carboxlic acid on silica in cyclohexane. *Proceedings of the Japan Academy Series B: Physical and Biological Sciences*, **2001**, 77, 115-120	4	12
58	Photoinduced long-range attraction between spiropyran monolayers studied by surface forces measurement. *Studies in Surface Science and Catalysis*, **2001**, 869-872	1.8	1
57	Thickness dependence of absorption of molecular thin films studied using FECO spectroscopy. *Studies in Surface Science and Catalysis*, **2001**, 132, 881-884	1.8	6
56	Transition Behavior of Polyelectrolyte Brushes Depending on Polymer Chain Density. *Molecular Crystals and Liquid Crystals*, **2001**, 371, 349-354		2
55	Alcohol cluster formation on silica surfaces in cyclohexane **2001**, 13-17		3
54	Two-Dimensional Molecular Imprinting: Binding of Sugars to Boronic Acid Functionalized, Polymerized Langmuir□lodgett Films. *Chemistry Letters*, **2000**, 29, 1356-1357	1.7	21
53	Ethanol Cluster Formation on Silicon Oxide Surface in Cyclohexane□thanol Binary Liquids. *Chemistry Letters*, **2000**, 29, 256-257	1.7	21
52	Charge regulation in polyelectrolyte brushes studied by FTIR spectroscopy. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2000**, 169, 351-356	5.1	11
51	Interaction forces between metal-chelating lipid monolayers measured by colloidal probe atomic force microscopy. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **1999**, 146, 329-335	5.1	12
50	Density-Dependent Jump in Compressibility of Polyelectrolyte Brush Layers Revealed by Surface Forces Measurement□*Langmuir*, **1999**, 15, 7725-7731	4	26
49	Friction of Gels. 3. Friction on Solid Surfaces. *Journal of Physical Chemistry B*, **1999**, 103, 6001-6006	3.4	119

48	Long Range Attraction between Glass Surfaces in Cyclohexane-Ethanol Binary Liquids. *Chemistry Letters*, **1999**, 28, 1005-1006	1.7	12
47	A resonance shear force rheometer modeled as simple oscillating circuit. *Review of Scientific Instruments*, **1998**, 69, 2095-2104	1.7	37
46	Direct measurement of surface forces as a novel means of investigating supramolecular assemblies. *Advances in Colloid and Interface Science*, **1997**, 71-72, 243-258	14.3	3
45	Langmuir-Blodgett films in advanced molecular engineering. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **1997**, 123-124, 425-432	5.1	10
44	Grazing Incidence X-Ray Diffraction Study of Dimyristoylphosphatidic Acid Monolayers on Aqueous Subphases in the Presence of Calcium or Magnesium Ions. *Japanese Journal of Applied Physics*, **1996**, 35, L1092-L1095	1.4	5
43	Direct Demonstration of Attraction for a Complementary Pair of Apposed Nucleic Acid Base Monolayers. *Langmuir*, **1996**, 12, 4053-4056	4	31
42	Specific adsorption of flagellar FliF protein ring on mica surfaces as studied by atomic force microscopy and FT-IR spectroscopy. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **1996**, 109, 375-384	5.1	9
41	Direct measurement of surface forces and its application in biophysics.. *Seibutsu Butsuri*, **1996**, 36, 104-106		
40	Characterization of Surfactant Assemblies by Using Direct Measurements of Surface Forces **1996**, 45, 1107-1114,1207		
39	Steric forces between brush layers of poly(l-glutamic acid) and their dependence on secondary structures as determined by FT-IR spectroscopy. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **1995**, 103, 265-272	5.1	21
38	Direct Measurement of Surface Forces between Monolayers of Anchored Poly(L-glutamic acid). *The Journal of Physical Chemistry*, **1995**, 99, 1820-1823		23
37	Measurement of Forces between Surfaces Composed of Two-Dimensionally Organized, Complementary and Noncomplementary Nucleobases. *Langmuir*, **1995**, 11, 3083-3091	4	50
36	Elemental Analysis of Langmuir-Blodgett Films by X-ray Photoelectron Spectroscopy. *Langmuir*, **1995**, 11, 1408-1411	4	18
35	Monolayer Properties of a Perfluoroalkyl Maleate Copolymer on Aqueous Metal Ion Subphases. *Molecular Crystals and Liquid Crystals*, **1995**, 267, 311-316		1
34	Chemical modification of molecularly smooth mica surface and protein attachment. *Langmuir*, **1994**, 10, 3577-3581	4	67
33	Direct measurement of surface forces of supramolecular systems: Structures and interactions **1994**, 401-414		
32	Cooperative Binding of Adenine via Complementary Hydrogen Bonding to an Imide Functionalized Monolayer at the Air-Water Interface. *Chemistry Letters*, **1992**, 21, 1839-1842	1.7	48
31	Adsorption of poly(styrenesulfonate) onto an ammonium monolayer on mica: a surface forces study. *Langmuir*, **1992**, 8, 2486-2490	4	109

30	Submicron-range attraction between hydrophobic surfaces of monolayer-modified mica in water. *Journal of the American Chemical Society*, **1992**, 114, 10927-10933	16.4	80
29	Self-assembled multifunctional receptors for nucleotides at the air-water interface. *Journal of the American Chemical Society*, **1992**, 114, 10994-10995	16.4	91
28	Surface forces between monolayers of anchored poly(methacrylic acid). *Langmuir*, **1992**, 8, 2087-2089	4	54
27	Direct measurements of surface forces between various Langmuir-Blodgett films. *Thin Solid Films*, **1992**, 210-211, 681-684	2.2	7
26	The interaction of a guanidinium monolayer with ATP and AMP, as revealed by surface potential and UV absorption measurements. *Thin Solid Films*, **1992**, 210-211, 776-779	2.2	8
25	Molecular Recognition of Barbiturates by Diaminotriazine Functionalized Monolayers. *Chemistry Letters*, **1991**, 20, 681-684	1.7	27
24	Molecular recognition at the air-water interface. Specific binding of nitrogen aromatics and amino acids by monolayers of long-chain derivatives of Kemp's acid. *Journal of the American Chemical Society*, **1991**, 113, 7342-7350	16.4	89
23	Efficient, complementary binding of nucleic acid bases to diaminotriazine-functionalized monolayers on water. *Journal of the American Chemical Society*, **1991**, 113, 5077-5079	16.4	115
22	Specific, multiple-point binding of ATP and AMP to a guanidinium-functionalized monolayer. *Journal of the American Chemical Society*, **1991**, 113, 9685-9686	16.4	128
21	Molecular recognition of sugars by monolayers of resorcinol-dodecanal cyclotetramer. *Journal of the American Chemical Society*, **1991**, 113, 444-450	16.4	137
20	Binding of alkali and alkaline-earth cations to monolayers of a noncyclic ionophore. *Langmuir*, **1991**, 7, 167-172	4	12
19	Molecular Recognition at the Interface. Synthesis and Monolayer Property of Long-Chain Derivatives of Kemp□ Acid. *Chemistry Letters*, **1990**, 19, 169-172	1.7	4
18	Very Strong Long Range Attractive Forces between Stable Hydrophobic Monolayers of a Polymerized Ammonium Surfactant. *Chemistry Letters*, **1990**, 19, 1555-1558	1.7	46
17	Dihexadecyl phosphate monolayers: intralayer and interlayer interactions. *The Journal of Physical Chemistry*, **1989**, 93, 917-922		68
16	Guest selective molecular recognition by an octadecylsilyl monolayer covalently bound on an SnO2 electrode. *Journal of the Chemical Society Chemical Communications*, **1988**, 79		17
15	Supramolecular sensor based on SnO2 electrode modified withoctadecylsilyl monolayer having molecular binding sites. *Tetrahedron Letters*, **1987**, 28, 4299-4302	2	43
14	Hydrogenation of ethylene and cyclohexene catalyzed by colloidal platinum particles obtained in polymerized vesicles. *Journal of Molecular Catalysis*, **1986**, 34, 325-335		26
13	Microemulsion; Surfactant Vesicle and Polymerized Surfactant Vesicle Entrapped Colloidal Catalysts and Semiconductors: Preparation, Characterization, and Utilization **1985**, 341-353		1

12	Photosensitized charge separation and hydrogen production in reversed micelle entrapped platinized colloidal cadmium sulphide. *Journal of the Chemical Society Chemical Communications*, **1984**, 90		110
11	Stabilization of small unilamellar liposomes: polymerization of surfactants in phospholipid vesicles. *Journal of the Chemical Society Chemical Communications*, **1983**, 1188		3
10	Electron-transfer catalysis by surfactant vesicle stabilized colloidal platinum. *Journal of the American Chemical Society*, **1983**, 105, 6152-6153	16.4	36
9	Photoinduced diffusion of methyl viologen across anionic surfactant vesicle bilayers. *Journal of the American Chemical Society*, **1983**, 105, 370-373	16.4	28
8	Laser and pulse radiolytically induced colloidal gold formation in water and in water-in-oil microemulsions. *Journal of the American Chemical Society*, **1983**, 105, 2574-2579	16.4	308
7	Chemically Dissymmetrical, Polymerized Surfactant Vesicles: Synthesis and Possible Utilization in Artificial Photosynthesis. *Angewandte Chemie International Edition in English*, **1982**, 21, 81-82		14
6	Effect of the Phase Transition on the Photochemical Reactions in Lipid Bilayer Membranes. *Molecular Crystals and Liquid Crystals*, **1981**, 68, 69-78		1
5	Effect of the Phase Transition in Liposomes on the Fluorescence of Amphiphilic Cyanine Dyes. *Bulletin of the Chemical Society of Japan*, **1980**, 53, 1914-1917	5.1	13
4	Photoinduced charge separation in liposomes containing chlorophyll a. I. Photoreduction of copper(II) by potassium ascorbate through liposome bilayer containing purified chlorophyll a. *Biochimica Et Biophysica Acta - Bioenergetics*, **1979**, 547, 117-26	4.6	30
3	Photoinduced charge separation in liposomes containing chlorophyll a. II. The effect of ion transport across membrane on the photoreduction of Fe(CN)6(3-). *Biochemical and Biophysical Research Communications*, **1979**, 88, 320-6	3.4	18
2	Phase transition and dye aggregation in phospholipid-amphiphilic dye liposome bilayers. *The Journal of Physical Chemistry*, **1977**, 81, 1833-1837		15
1	Induced circular dichroism of achiral dye solubilizates in aqueous micellar solutions of a chiral surfactant. *Die Naturwissenschaften*, **1976**, 63, 532-533	2	15