

# Kazue Kurihara

## List of Publications by Citations

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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	Laser and pulse radiolytically induced colloidal gold formation in water and in water-in-oil microemulsions. <i>Journal of the American Chemical Society</i> , <b>1983</b> , 105, 2574-2579	16.4	308
154	Resonance shear measurement of nanoconfined ionic liquids. <i>Physical Chemistry Chemical Physics</i> , <b>2010</b> , 12, 4066-71	3.6	157
153	Molecular recognition of sugars by monolayers of resorcinol-dodecanal cyclotetramer. <i>Journal of the American Chemical Society</i> , <b>1991</b> , 113, 444-450	16.4	137
152	Specific, multiple-point binding of ATP and AMP to a guanidinium-functionalized monolayer. <i>Journal of the American Chemical Society</i> , <b>1991</b> , 113, 9685-9686	16.4	128
151	Friction of Gels. 3. Friction on Solid Surfaces. <i>Journal of Physical Chemistry B</i> , <b>1999</b> , 103, 6001-6006	3.4	119
150	Efficient, complementary binding of nucleic acid bases to diaminotriazine-functionalized monolayers on water. <i>Journal of the American Chemical Society</i> , <b>1991</b> , 113, 5077-5079	16.4	115
149	Viscosity and lubricity of aqueous NaCl solution confined between mica surfaces studied by shear resonance measurement. <i>Physical Review Letters</i> , <b>2006</b> , 96, 046104	7.4	110
148	Photosensitized charge separation and hydrogen production in reversed micelle entrapped platinized colloidal cadmium sulphide. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1984</b> , 90		110
147	Adsorption of poly(styrenesulfonate) onto an ammonium monolayer on mica: a surface forces study. <i>Langmuir</i> , <b>1992</b> , 8, 2486-2490	4	109
146	Microfluidic Spinning of Cell-Responsive Grooved Microfibers. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 2250-2259	15.6	104
145	Self-assembled multifunctional receptors for nucleotides at the air-water interface. <i>Journal of the American Chemical Society</i> , <b>1992</b> , 114, 10994-10995	16.4	91
144	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. <i>Journal of the American Chemical Society</i> , <b>1991</b> , 113, 7342-7350	16.4	89
143	Submicron-range attraction between hydrophobic surfaces of monolayer-modified mica in water. <i>Journal of the American Chemical Society</i> , <b>1992</b> , 114, 10927-10933	16.4	80
142	Dihexadecyl phosphate monolayers: intralayer and interlayer interactions. <i>The Journal of Physical Chemistry</i> , <b>1989</b> , 93, 917-922		68
141	Hydrogen-bonded macrocluster formation of ethanol on silica surfaces in cyclohexane(1). <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 12889-97	16.4	67
140	Chemical modification of molecularly smooth mica surface and protein attachment. <i>Langmuir</i> , <b>1994</b> , 10, 3577-3581	4	67
139	Polyelectrolyte Brush Layers Studied by Surface Forces Measurement: Dependence on pH and Salt Concentrations and Scaling. <i>Langmuir</i> , <b>2002</b> , 18, 3932-3944	4	61

138	Effect of Tribochemical Reaction on Transfer-Film Formation by Poly(tetrafluoroethylene). <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 11820-11826	3.8	58
137	Surface forces between monolayers of anchored poly(methacrylic acid). <i>Langmuir</i> , <b>1992</b> , 8, 2087-2089	4	54
136	Shear dynamics of nanoconfined ionic liquids. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 8247-56	3.6	52
135	Measurement of Forces between Surfaces Composed of Two-Dimensionally Organized, Complementary and Noncomplementary Nucleobases. <i>Langmuir</i> , <b>1995</b> , 11, 3083-3091	4	50
134	Cooperative Binding of Adenine via Complementary Hydrogen Bonding to an Imide Functionalized Monolayer at the Air-Water Interface. <i>Chemistry Letters</i> , <b>1992</b> , 21, 1839-1842	1.7	48
133	Very Strong Long Range Attractive Forces between Stable Hydrophobic Monolayers of a Polymerized Ammonium Surfactant. <i>Chemistry Letters</i> , <b>1990</b> , 19, 1555-1558	1.7	46
132	Supramolecular sensor based on SnO <sub>2</sub> electrode modified with octadecylsilyl monolayer having molecular binding sites. <i>Tetrahedron Letters</i> , <b>1987</b> , 28, 4299-4302	2	43
131	Chemical Reaction Mechanism of Polytetrafluoroethylene on Aluminum Surface under Friction Condition. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 5390-5396	3.8	41
130	Characterization of Water Confined between Silica Surfaces Using the Resonance Shear Measurement. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 13540-13546	3.8	41
129	New surface forces apparatus using two-beam interferometry. <i>Review of Scientific Instruments</i> , <b>2008</b> , 79, 043701	1.7	38
128	A resonance shear force rheometer modeled as simple oscillating circuit. <i>Review of Scientific Instruments</i> , <b>1998</b> , 69, 2095-2104	1.7	37
127	Electron-transfer catalysis by surfactant vesicle stabilized colloidal platinum. <i>Journal of the American Chemical Society</i> , <b>1983</b> , 105, 6152-6153	16.4	36
126	Structure and Function of Transfer Film Formed from PTFE/PEEK Polymer Blend. <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 14589-14596	3.8	35
125	A new physical model for resonance shear measurement of confined liquids between solid surfaces. <i>Review of Scientific Instruments</i> , <b>2008</b> , 79, 113705	1.7	33
124	Electroconductive Langmuir-Blodgett films containing a carotenoid amphiphile for sugar recognition. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 5684-5	16.4	32
123	Direct Demonstration of Attraction for a Complementary Pair of Apposed Nucleic Acid Base Monolayers. <i>Langmuir</i> , <b>1996</b> , 12, 4053-4056	4	31
122	Photoinduced charge separation in liposomes containing chlorophyll a. I. Photoreduction of copper(II) by potassium ascorbate through liposome bilayer containing purified chlorophyll a. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>1979</b> , 547, 117-26	4.6	30
121	Photoinduced diffusion of methyl viologen across anionic surfactant vesicle bilayers. <i>Journal of the American Chemical Society</i> , <b>1983</b> , 105, 370-373	16.4	28

120	Molecular Recognition of Barbiturates by Diaminotriazine Functionalized Monolayers. <i>Chemistry Letters</i> , <b>1991</b> , 20, 681-684	1.7	27
119	Anion Adsorption on Gold Electrodes Studied by Electrochemical Surface Forces Measurement. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 15986-15992	3.8	27
118	Density-Dependent Jump in Compressibility of Polyelectrolyte Brush Layers Revealed by Surface Forces Measurement. <i>Langmuir</i> , <b>1999</b> , 15, 7725-7731	4	26
117	Hydrogenation of ethylene and cyclohexene catalyzed by colloidal platinum particles obtained in polymerized vesicles. <i>Journal of Molecular Catalysis</i> , <b>1986</b> , 34, 325-335		26
116	Surface induced hydrogen-bonded macrocluster formation of methanol on silica surfaces. <i>Langmuir</i> , <b>2005</b> , 21, 9402-5	4	24
115	Mechanism of diffusion slowdown in confined liquids. <i>Physical Review Letters</i> , <b>2012</b> , 109, 197801	7.4	23
114	Two types of two-component gels formed from pseudoenantiomeric ethynylhelicene oligomers. <i>Langmuir</i> , <b>2012</b> , 28, 11939-47	4	23
113	Direct Measurement of Surface Forces between Monolayers of Anchored Poly(L-glutamic acid). <i>The Journal of Physical Chemistry</i> , <b>1995</b> , 99, 1820-1823		23
112	Two-Dimensional Molecular Imprinting: Binding of Sugars to Boronic Acid Functionalized, Polymerized Langmuir-Blodgett Films. <i>Chemistry Letters</i> , <b>2000</b> , 29, 1356-1357	1.7	21
111	Ethanol Cluster Formation on Silicon Oxide Surface in Cyclohexane-Ethanol Binary Liquids. <i>Chemistry Letters</i> , <b>2000</b> , 29, 256-257	1.7	21
110	Steric forces between brush layers of poly(l-glutamic acid) and their dependence on secondary structures as determined by FT-IR spectroscopy. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1995</b> , 103, 265-272	5.1	21
109	Resonance Shear Measurement of Confined Alkylphenyl Ether Lubricants. <i>Tribology Letters</i> , <b>2014</b> , 56, 501-508	2.8	20
108	Tribocatalytic Reaction of Polytetrafluoroethylene Sliding on an Aluminum Surface. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 15954-15962	3.8	19
107	Friction of polymer hydrogels studied by resonance shear measurements. <i>Soft Matter</i> , <b>2015</b> , 11, 6192-2006	3.6	18
106	Characterization of ferrocene-modified electrode using electrochemical surface forces apparatus. <i>Langmuir</i> , <b>2014</b> , 30, 7093-7	4	18
105	Lubrication Properties of Ammonium-Based Ionic Liquids Confined between Silica Surfaces Using Resonance Shear Measurements. <i>Langmuir</i> , <b>2015</b> , 31, 13265-70	4	18
104	Elemental Analysis of Langmuir-Blodgett Films by X-ray Photoelectron Spectroscopy. <i>Langmuir</i> , <b>1995</b> , 11, 1408-1411	4	18
103	Photoinduced charge separation in liposomes containing chlorophyll a. II. The effect of ion transport across membrane on the photoreduction of Fe(CN) <sub>6</sub> (3-). <i>Biochemical and Biophysical Research Communications</i> , <b>1979</b> , 88, 320-6	3.4	18

102	X-Ray diffraction and resonance shear measurement of nano-confined ionic liquids. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 13714-13721	3.6	17
101	Direct observation of substrate-enzyme complexation by surface forces measurement. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 15209-14	16.4	17
100	Guest selective molecular recognition by an octadecylsilyl monolayer covalently bound on an SnO <sub>2</sub> electrode. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1988</b> , 79		17
99	Formation of double helix self-assembled monolayers of ethynylhelicene oligomer disulfides on gold surfaces. <i>Tetrahedron</i> , <b>2011</b> , 67, 5972-5978	2.4	16
98	Hydrogen-Bonded Macrocluster Formation of 1-Propanol and 2-Propanol on Silica Surfaces. <i>Australian Journal of Chemistry</i> , <b>2003</b> , 56, 1071	1.2	16
97	Effect of confinement on electric field induced orientation of a nematic liquid crystal. <i>Soft Matter</i> , <b>2014</b> , 10, 2110-5	3.6	15
96	Structural stability and polarisation of ionic liquid films on silica surfaces. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 17661-9	3.6	15
95	Direct Observation of Double Layer Interactions between the Potential-controlled Gold Electrode Surfaces Using the Electrochemical Surface Forces Apparatus. <i>Chemistry Letters</i> , <b>2011</b> , 40, 674-675	1.7	15
94	Induced circular dichroism of achiral dye solubilizates in aqueous micellar solutions of a chiral surfactant. <i>Die Naturwissenschaften</i> , <b>1976</b> , 63, 532-533	2	15
93	Phase transition and dye aggregation in phospholipid-amphiphilic dye liposome bilayers. <i>The Journal of Physical Chemistry</i> , <b>1977</b> , 81, 1833-1837		15
92	Chemically Dissymmetrical, Polymerized Surfactant Vesicles: Synthesis and Possible Utilization in Artificial Photosynthesis. <i>Angewandte Chemie International Edition in English</i> , <b>1982</b> , 21, 81-82		14
91	Nanotribological Characterization of Lubricants between Smooth Iron Surfaces. <i>Langmuir</i> , <b>2017</b> , 33, 3941-3948		13
90	Tribochemical Degradation of Polytetrafluoroethylene Catalyzed by Copper and Aluminum Surfaces. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 10857-10865	3.8	13
89	Molecular macrocluster formation on silica surfaces in phenol-cyclohexane mixtures. <i>Langmuir</i> , <b>2007</b> , 23, 6070-5	4	13
88	Nanorheology of dioctyl phthalate confined between surfaces coated with long alkyl chains. <i>Langmuir</i> , <b>2007</b> , 23, 8365-70	4	13
87	Effect of the Phase Transition in Liposomes on the Fluorescence of Amphiphilic Cyanine Dyes. <i>Bulletin of the Chemical Society of Japan</i> , <b>1980</b> , 53, 1914-1917	5.1	13
86	Fluorescent Dye Probe for Monitoring Local Viscosity of Confined Liquids. <i>Chemistry Letters</i> , <b>2011</b> , 40, 776-778	1.7	12
85	Polyelectrolyte brushes studied by surface forces measurement. <i>Advances in Colloid and Interface Science</i> , <b>2010</b> , 158, 130-8	14.3	12

84	Hydrogen-bonded surface macroclusters of carboxylic acid on silica in cyclohexane. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , <b>2001</b> , 77, 115-120	4	12
83	Interaction forces between metal-chelating lipid monolayers measured by colloidal probe atomic force microscopy. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1999</b> , 146, 329-335	5.1	12
82	Long Range Attraction between Glass Surfaces in Cyclohexane-Ethanol Binary Liquids. <i>Chemistry Letters</i> , <b>1999</b> , 28, 1005-1006	1.7	12
81	Binding of alkali and alkaline-earth cations to monolayers of a noncyclic ionophore. <i>Langmuir</i> , <b>1991</b> , 7, 167-172	4	12
80	Effect of Sliding History on Super-Low Friction of Diamond-Like Carbon Coating in Water Lubrication. <i>Tribology Letters</i> , <b>2017</b> , 65, 1	2.8	11
79	Nanometer-Resolved Fluidity of an Oleophilic Monomer between Silica Surfaces Modified with Fluorinated Monolayers for Nanoimprinting. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 6591-6598	9.5	11
78	Design of a Versatile Force Field for the Large-Scale Molecular Simulation of Solid and Liquid OMCTS. <i>Journal of Chemical Theory and Computation</i> , <b>2010</b> , 6, 1334-1340	6.4	11
77	Fourier-transform resonance shear measurement for studying confined liquids. <i>Review of Scientific Instruments</i> , <b>2009</b> , 80, 013701	1.7	11
76	Unraveling the properties of octamethylcyclotetrasiloxane under nanoscale confinement: atomistic view of the liquidlike state from molecular dynamics simulation. <i>Journal of Chemical Physics</i> , <b>2011</b> , 134, 044536	3.9	11
75	Charge regulation in polyelectrolyte brushes studied by FTIR spectroscopy. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2000</b> , 169, 351-356	5.1	11
74	Effect of a Fatty Acid Additive on the Kinetic Friction and Stiction of Confined Liquid Lubricants. <i>Tribology Letters</i> , <b>2016</b> , 64, 1	2.8	11
73	Engineering the anchoring behavior of nematic liquid crystals on a solid surface by varying the density of liquid crystalline polymer brushes. <i>Soft Matter</i> , <b>2018</b> , 14, 7569-7577	3.6	10
72	Structuring of interfacial water on silica surface in cyclohexane studied by surface forces measurement and sum frequency generation vibrational spectroscopy. <i>Langmuir</i> , <b>2012</b> , 28, 14284-90	4	10
71	Langmuir-Blodgett films in advanced molecular engineering. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1997</b> , 123-124, 425-432	5.1	10
70	Nanorheology and Nanotribology of Two-Component Liquid Crystal. <i>SAE International Journal of Fuels and Lubricants</i> , <b>2008</b> , 1, 1517-1523	1.8	10
69	Macrocluster Formation of Alcohol on Silica Surface in Cyclohexane: Analysis of Interfacial Energy between Adsorption Layer and Bulk Solution. <i>E-Journal of Surface Science and Nanotechnology</i> , <b>2006</b> , 4, 244-248	0.7	10
68	Low-Temperature Surface Forces Apparatus to Determine the Interactions between Ice and Silica Surfaces. <i>Langmuir</i> , <b>2018</b> , 34, 11311-11315	4	10
67	Mechanical model analysis for resonance shear measurement. <i>Review of Scientific Instruments</i> , <b>2019</b> , 90, 055110	1.7	9

66	Specific adsorption of flagellar FlhF protein ring on mica surfaces as studied by atomic force microscopy and FT-IR spectroscopy. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1996</b> , 109, 375-384	5.1	9
65	Selection of Diacrylate Monomers for Sub-15 nm Ultraviolet Nanoimprinting by Resonance Shear Measurement. <i>Langmuir</i> , <b>2018</b> , 34, 9366-9375	4	8
64	Novel Surface Forces Apparatus for Characterizing Solid-Liquid Interfaces. <i>Electrochemistry</i> , <b>2014</b> , 82, 317-321	1.2	8
63	Anisotropic molecular clustering in liquid ethanol induced by a charged fully hydroxylated silicon dioxide (SiO <sub>2</sub> ) surface. <i>Chemical Physics Letters</i> , <b>2007</b> , 448, 253-257	2.5	8
62	The interaction of a guanidinium monolayer with ATP and AMP, as revealed by surface potential and UV absorption measurements. <i>Thin Solid Films</i> , <b>1992</b> , 210-211, 776-779	2.2	8
61	Friction and Delamination Properties of Self-Mating Diamond-Like Carbon Coatings in Water. <i>Tribology Letters</i> , <b>2016</b> , 62, 1	2.8	8
60	Effect of running-in for delamination and friction properties of self-mating diamond-like carbon coatings in water. <i>Wear</i> , <b>2017</b> , 378-379, 27-34	3.5	7
59	Force Estimation on the Contact of Poly(L,L-lactide) and Poly(D,D-lactide) Surfaces Regarding Stereocomplex Formation. <i>Langmuir</i> , <b>2016</b> , 32, 9501-6	4	7
58	Deformation of contacting interface between polymer hydrogel and silica sphere studied by resonance shear measurement. <i>Journal of Chemical Physics</i> , <b>2018</b> , 149, 163327	3.9	7
57	Characterization of Platinum Electrode Surfaces by Electrochemical Surface Forces Measurement. <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 26406-26413	3.8	7
56	Structural Change in Smectic Liquid Crystal Nanofilm under Molecular-Scale Confinement Measured by Synchrotron X-ray Diffraction. <i>Japanese Journal of Applied Physics</i> , <b>2013</b> , 52, 035002	1.4	7
55	Hydrogen-bonded Macrocluster Formation of Ethylene Glycol on Silica Surfaces in Ethylene Glycol-Cyclohexane Binary Liquids. <i>Chemistry Letters</i> , <b>2003</b> , 32, 84-85	1.7	7
54	Direct measurements of surface forces between various Langmuir-Blodgett films. <i>Thin Solid Films</i> , <b>1992</b> , 210-211, 681-684	2.2	7
53	Molecular Architecture Studied by the Surface Forces Measurement. <i>Langmuir</i> , <b>2016</b> , 32, 12290-12303	4	6
52	Preparation of stable silica surfaces for surface forces measurement. <i>Review of Scientific Instruments</i> , <b>2017</b> , 88, 095108	1.7	6
51	Low-Friction Adsorbed Layers of a Triblock Copolymer Additive in Oil-Based Lubrication. <i>Langmuir</i> , <b>2015</b> , 31, 12140-7	4	6
50	Thickness dependence of absorption of molecular thin films studied using FECO spectroscopy. <i>Studies in Surface Science and Catalysis</i> , <b>2001</b> , 132, 881-884	1.8	6
49	Selection of Polymerizable Functional Group of Adhesive Monolayer to Control Monomer Viscosity under Confinement in Silica Nano-gaps. <i>Chemistry Letters</i> , <b>2019</b> , 48, 943-946	1.7	5

48	Grazing Incidence X-Ray Diffraction Study of Dimyristoylphosphatidic Acid Monolayers on Aqueous Subphases in the Presence of Calcium or Magnesium Ions. <i>Japanese Journal of Applied Physics</i> , <b>1996</b> , 35, L1092-L1095	1.4	5
47	CHARACTERISTICS AND BEHAVIOR OF NANOPARTICLES AND ITS DISPERSION SYSTEMS <b>2008</b> , 113-176		5
46	Chemisch unsymmetrische, polymerisierte Tensid-Vesikeln: Herstellung und mögliche Verwendung bei der künstlichen Photosynthese. <i>Angewandte Chemie</i> , <b>2006</b> , 94, 73-74	3.6	5
45	Viscoelasticity of Rubberlike Interfaces Under Shear Studied Using Low-Temperature Surface Forces Apparatus. <i>Tribology Letters</i> , <b>2019</b> , 67, 1	2.8	4
44	Surface forces measurement for materials science. <i>Pure and Applied Chemistry</i> , <b>2019</b> , 91, 707-716	2.1	4
43	Evaluation of pH of Water between Solid Surfaces Using Surface Forces Apparatus Fluorescence Spectroscopy. <i>Chemistry Letters</i> , <b>2012</b> , 41, 1282-1284	1.7	4
42	Direct Observation of Specific Interaction between Enzyme-substrate Complexes Using Colloidal Probe Atomic Force Microscopy. <i>Chemistry Letters</i> , <b>2004</b> , 33, 536-537	1.7	4
41	Molecular Recognition at the Interface. Synthesis and Monolayer Property of Long-Chain Derivatives of Kempf Acid. <i>Chemistry Letters</i> , <b>1990</b> , 19, 169-172	1.7	4
40	Nanostructuring of liquids at solid-liquid interfaces <b>2002</b> , 49-56		4
39	Dynamics of lubricious, concentrated PMMA brush layers studied by surface forces and resonance shear measurements. <i>Soft Matter</i> , <b>2019</b> , 15, 7765-7776	3.6	3
38	Confined film structure and friction properties of triblock copolymer additives in oil-based lubrication. <i>Polymer Journal</i> , <b>2019</b> , 51, 41-49	2.7	3
37	Surface Forces Study on Metal-Polymer Adhesion: 2. <i>Journal of the Japan Society of Colour Material</i> , <b>2011</b> , 84, 87-91	0	3
36	Evaluation of Metal-Polymer Adhesion by Surface Forces Apparatus. <i>Journal of the Japan Society of Colour Material</i> , <b>2009</b> , 82, 279-283	0	3
35	Direct measurement of surface forces as a novel means of investigating supramolecular assemblies. <i>Advances in Colloid and Interface Science</i> , <b>1997</b> , 71-72, 243-258	14.3	3
34	In situ polymerization of molecular macroclusters on a silica surface: poly(N-isopropylacrylamide) nanofilms. <i>Langmuir</i> , <b>2008</b> , 24, 12364-8	4	3
33	Preparation of Poly(acrylic acid) Nano-films by In-situ Polymerization of Acrylic Acid Macroclusters on Silicon Oxide Surfaces. <i>Macromolecular Symposia</i> , <b>2008</b> , 270, 40-47	0.8	3
32	Ethanol Macrocluster Formation on Gold Substrate Modified with Mercapto Alcohol. <i>Japanese Journal of Applied Physics</i> , <b>2006</b> , 45, 502-504	1.4	3
31	Stabilization of small unilamellar liposomes: polymerization of surfactants in phospholipid vesicles. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1983</b> , 1188		3



30	Alcohol cluster formation on silica surfaces in cyclohexane <b>2001</b> , 13-17		3
29	Surface anchoring of nematic liquid crystal on swollen polymer brush studied by surface forces measurement. <i>Advances in Colloid and Interface Science</i> , <b>2019</b> , 272, 101997	14.3	2
28	Ice Premelting Layer Studied by Resonance Shear Measurement (RSM). <i>Langmuir</i> , <b>2019</b> , 35, 15729-15733		2
27	Selectivity in substrate-enzyme complexation studied by surface forces measurement. <i>Colloid and Polymer Science</i> , <b>2008</b> , 286, 107-112	2.4	2
26	Preparation of Nano-films by in situ Polymerization of Hydrogen-bonded Macroclusters of N-isopropylacrylamide on Silica Surfaces. <i>Chemistry Letters</i> , <b>2005</b> , 34, 228-229	1.7	2
25	Transition Behavior of Polyelectrolyte Brushes Depending on Polymer Chain Density. <i>Molecular Crystals and Liquid Crystals</i> , <b>2001</b> , 371, 349-354		2
24	Tribute to Toyoki Kunitake. <i>Langmuir</i> , <b>2016</b> , 32, 12231-12241	4	2
23	Effect of Substrate on Nucleation Rate of Two-Dimensional Colloidal Crystals. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 3215-3221	3.5	1
22	Surface forces between hydrophilic silica surfaces in a moisture-sensitive oleophilic diacrylate monomer liquid. <i>AIP Advances</i> , <b>2018</b> , 8, 025122	1.5	1
21	Surface forces between mica surfaces confining inorganic nanoparticle dispersions and frictional properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2014</b> , 463, 70-77	5.1	1
20	Participation of Women Scientists and Engineers in Japan. <i>ACS Symposium Series</i> , <b>2015</b> , 385-390	0.4	1
19	Properties of Water at Solid Surface Revealed Using Surface Force Measurement. <i>Bunseki Kagaku</i> , <b>2010</b> , 59, 957-965	0.2	1
18	Photoinduced long-range attraction between spiropyran monolayers studied by surface forces measurement. <i>Studies in Surface Science and Catalysis</i> , <b>2001</b> , 869-872	1.8	1
17	Monolayer Properties of a Perfluoroalkyl Maleate Copolymer on Aqueous Metal Ion Subphases. <i>Molecular Crystals and Liquid Crystals</i> , <b>1995</b> , 267, 311-316		1
16	Effect of the Phase Transition on the Photochemical Reactions in Lipid Bilayer Membranes. <i>Molecular Crystals and Liquid Crystals</i> , <b>1981</b> , 68, 69-78		1
15	Single Molecular Film for Recognizing Biological Molecular Interaction: DNA-Protein Interaction and Enzyme Reaction. <i>Advances in Materials Research</i> , <b>2009</b> , 125-137		1
14	Microemulsion; Surfactant Vesicle and Polymerized Surfactant Vesicle Entrapped Colloidal Catalysts and Semiconductors: Preparation, Characterization, and Utilization <b>1985</b> , 341-353		1
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