

# Emiko Mouri

## List of Publications by Year in descending order

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588  
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#	ARTICLE	IF	CITATIONS
1	Polymer Micelle Formation without Gibbs Monolayer Formation: A Synthesis and Characteristic Behavior of an Amphiphilic Diblock Copolymer Having Strong Acid Groups. <i>Macromolecules</i> , 2003, 36, 5321-5330.	4.8	44
2	Stepwise Controlled Immobilization of Colloidal Crystals Formed by Polymer-Grafted Silica Particles. <i>Langmuir</i> , 2005, 21, 4471-4477.	3.5	37
3	Effect of Salt Concentration on the Nanostructure of Weak Polyacid Brush in the Amphiphilic Polymer Monolayer at the Air/Water Interface. <i>Langmuir</i> , 2004, 20, 10604-10611.	3.5	36
4	Pickering Emulsions Prepared by Layered Niobate $K_4Nb_6O_{17}$ Intercalated with Organic Cations and Photocatalytic Dye Decomposition in the Emulsions. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 4338-4347.	8.0	30
5	Hydrophilic Chain Length Dependence of the Ionic Amphiphilic Polymer Monolayer Structure at the Air/Water Interface. <i>Langmuir</i> , 2004, 20, 8062-8067.	3.5	27
6	X-ray Reflectivity Study of Anionic Amphiphilic Carbosilane Block Copolymer Monolayers on a Water Surface. <i>Langmuir</i> , 2002, 18, 3865-3874.	3.5	23
7	Carpetlike dense-layer formation in a polyelectrolyte brush at the air/water interface. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2003, 41, 1921-1928.	2.1	23
8	Incorporation of titanium dioxide particles into polymer matrix using block copolymer micelles for fabrication of high refractive and transparent organic-inorganic hybrid materials. <i>Journal of Polymer Science Part A</i> , 2011, 49, 712-718.	2.3	23
9	pH-Sensitive Adsorption Behavior of Polymer Particles at the Air-Water Interface. <i>Langmuir</i> , 2017, 33, 1451-1459.	3.5	23
10	Nanostructure of a "Carpet"like Dense Layer/Polyelectrolyte Brush Layer in a Block Copolymer Monolayer at the Air-Water Interface. <i>Langmuir</i> , 2005, 21, 1840-1847.	3.5	22
11	Multiphase coexistence and destabilization of liquid crystalline binary nanosheet colloids of titanate and clay. <i>Soft Matter</i> , 2014, 10, 3161.	2.7	22
12	Effect of pH on the nanostructure of an amphiphilic carbosilane/methacrylic acid block copolymer at air/water interface. <i>Journal of Applied Crystallography</i> , 2003, 36, 722-726.	4.5	21
13	Panoscopic organization of anisotropic colloidal structures from photofunctional inorganic nanosheet liquid crystals. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 955-962.	2.8	21
14	Formation of Submicron Scale Particles of Narrow Size Distribution from a Water-Soluble Dendrimer with Links to Porphyrins and a Fullerene. <i>Macromolecules</i> , 2006, 39, 1607-1613.	4.8	18
15	Nanostructure of a Photochromic Polymer/Liquid Crystal Hybrid Monolayer on a Water Surface Observed by in Situ X-ray Reflectometry. <i>Langmuir</i> , 2002, 18, 3875-3879.	3.5	16
16	Nanostructure of Fullerene-Bearing Artificial Lipid Monolayer on Water Surface by in Situ X-ray Reflectometry. <i>Langmuir</i> , 2002, 18, 10042-10045.	3.5	16
17	The Importance of a Direct in Situ Evaluation of an Amphiphilic Diblock Copolymer Monolayer. The Similarity and Difference between Its Nanostructures on Water and on Solid Substrates Examined by X-ray Reflectometry and Atomic Force Microscopy. <i>Langmuir</i> , 1999, 15, 4295-4301.	3.5	15
18	Synthesis of anionic amphiphilic carbosilane block copolymer: Poly(1,1-diethylsilacyclobutane-block-methacrylic acid). <i>Journal of Polymer Science Part A</i> , 2001, 39, 86-92.	2.3	15

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19	Crystallization of titania ultra-fine particles from peroxotitanic acid in aqueous solution in the presence of polymer and incorporation into poly(methyl methacrylate) via dispersion in organic solvent. <i>Colloid and Polymer Science</i> , 2009, 287, 139-146.	2.1	15
20	Synergistic photocatalytic hydrogen evolution over oxide nanosheets combined with photochemically inert additives. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 5547-5550.	2.8	14
21	Fabrication of Nano-structure by Diels-Alder Reaction. <i>Chemistry Letters</i> , 2002, 31, 886-887.	1.3	13
22	Critical Brush Density for the Transition between Carpet-Only and Carpet/Brush Double-Layered Structures 1. <i>Langmuir</i> , 2005, 21, 6842-6845.	3.5	13
23	Critical Brush Density for the Transition between Carpet-Only and Carpet/Brush Double-Layered Structures. 2. Hydrophilic Chain Length Dependence. <i>Macromolecules</i> , 2007, 40, 766-769.	4.8	11
24	Decomposition of a cyanine dye in binary nanosheet colloids of photocatalytically active niobate and inert clay. <i>Journal of Materials Science</i> , 2014, 49, 915-922.	3.7	11
25	Development of Structural Color by Niobate Nanosheet Colloids. <i>Chemistry Letters</i> , 2020, 49, 717-720.	1.3	11
26	Effects of sol-gel transition of clay colloids on the spectroscopic behavior of cationic dye adsorbed on the clay particles. <i>Applied Clay Science</i> , 2015, 118, 29-37.	5.2	10
27	Photoinduced electron transfer in semiconductor-clay binary nanosheet colloids controlled by clay particles as a turnout switch. <i>Applied Catalysis B: Environmental</i> , 2019, 241, 499-505.	20.2	10
28	Preparation of poly(methyl methacrylate) films containing silica particle array structure from colloidal crystals. <i>Colloid and Polymer Science</i> , 2004, 283, 340-343.	2.1	9
29	Textural diversity of hierarchical macroscopic structures of colloidal liquid crystalline nanosheets organized under electric fields. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 522, 373-381.	4.7	9
30	Controlled Crystallization of Ultrafine Titanium Dioxide Particles in the Presence of Hydrophilic or Amphiphilic Polymer from Peroxotitanic Acid. <i>Chemistry Letters</i> , 2005, 34, 1094-1095.	1.3	8
31	Colloidal crystallization of colloidal silica modified with ferrocenyl group-contained polymers in organic solvents. <i>Colloids and Surfaces B: Biointerfaces</i> , 2007, 54, 108-113.	5.0	8
32	Mesoscopic Architectures Made of Electrically Charged Binary Colloidal Nanosheets in Aqueous System. <i>Langmuir</i> , 2019, 35, 14543-14552.	3.5	8
33	Effects of particle volume fraction on distortion of particle-arrayed structure during immobilization of colloidal crystals formed by poly(methyl methacrylate)-grafted silica in acetonitrile. <i>Colloid and Polymer Science</i> , 2011, 289, 85-91.	2.1	7
34	Fabrication of structure-preserving monodisperse particles of PMMA-grafted fullerenes. <i>Fibers and Polymers</i> , 2017, 18, 2261-2268.	2.1	7
35	Particle monolayer formation at the air-water interface by silica particle with well-defined grafted polymer. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2006, 44, 2789-2797.	2.1	6
36	Electrically Induced Alignment of Semiconductor Nanosheets in Niobate-Clay Binary Nanosheet Colloids toward Significantly Enhanced Photocatalysis. <i>Langmuir</i> , 2021, 37, 7789-7800.	3.5	6

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37	Immobilization of colloidal crystals, formed by polymer-grafted silica in organic solvent, in physical gels. <i>Colloid and Polymer Science</i> , 2006, 284, 694-698.	2.1	5
38	X-Ray Reflectometry Confirms Polymer-&lt;l&gt;Grafted&lt;/l&gt; Silica Particle Monolayer Formation at the Air&quot;Water Interface. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 327-333.	0.9	4
39	Particle Monolayer Formation with Arrayed Structure by PMMA-&lt;l&gt;Grafted&lt;/l&gt; Polystyrene Latex at the Air&quot;Water Interface. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 5838-5846.	0.9	4
40	Effects of ferrocenyl group on refractive index of colloidal crystal system formed by polymer-grafted silica in organic solvent. <i>Colloid and Polymer Science</i> , 2010, 288, 519-525.	2.1	4
41	Structural estimation of particle arrays at air&quot;water interface based on silica particles with well&#x2013;defined and highly grafted poly(methyl methacrylate). <i>Polymer Engineering and Science</i> , 2010, 50, 1067-1074.	3.1	4
42	Flow-Induced Assembly of Colloidal Liquid Crystalline Nanosheets Toward Unidirectional Macroscopic Structures. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 2967-2974.	0.9	4
43	Impacts of negatively charged colloidal clay particles on photoisomerization of both anionic and cationic azobenzene molecules. <i>RSC Advances</i> , 2022, 12, 10855-10861.	3.6	3
44	Effect of Grafted Polymer Species on Particle Monolayer Structure at the Air&quot;Water Interface. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 2486-2495.	0.9	2
45	Deposition of plasmonic silver nanoparticles onto semiconducting oxide nanosheets and their photochromic behavior. <i>Journal of the Ceramic Society of Japan</i> , 2015, 123, 809-812.	1.1	2
46	Photoinduced electron transfer between semiconducting nanosheets and acceptor molecules in the presence of colloidal clay particles. <i>Applied Clay Science</i> , 2016, 130, 76-82.	5.2	2
47	Electrolyte-dependence of the macroscopic textures generated in the colloidal liquid crystals of niobate nanosheets. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 556, 106-112.	4.7	2
48	Control of assembly size of poly (methacrylic acid)-grafted fullerenes&#x2013;in aqueous solution. <i>Journal of Polymer Research</i> , 2018, 25, 1.	2.4	2
49	The effects of graphene hybridization on mechanical properties of GFRP composites. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	2
50	Behavior of polymer chains grafted from latex particles at soft interfaces. <i>Colloid and Polymer Science</i> , 2014, 292, 547-555.	2.1	1
51	Association behaviors of poly(N-vinylpyrrolidone)-grafted fullerenes in aqueous solution. <i>Journal of Polymer Research</i> , 2018, 25, 1.	2.4	1
52	Electric-Alignment Immobilization of Liquid Crystalline Colloidal Nanosheets with the Aid of a Natural Organic Polymer. <i>Langmuir</i> , 2019, 35, 7003-7008.	3.5	1
53	Evaluation of Small Ion Distribution in the Polyelectrolyte Brush at the Air/Water Interface by Neutron Reflectometry. <i>Transactions of the Materials Research Society of Japan</i> , 2007, 32, 297-302.	0.2	1
54	Dynamics on Molecular Films. The Application of the X-ray Reflectometry to the Monolayer Adsorbed at the Air-Water Interface.. <i>Hyomen Kagaku</i> , 2000, 21, 615-622.	0.0	0

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55	Nanostructure of Polymer Monolayer by X-Ray and Neutron Reflectometry. Kobunshi, 2004, 53, 486-489.	0.0	0
56	Imaging of Polyelectrolyte Brushes at the Air/Water Interface by Reflectometry. Kobunshi Ronbunshu, 2005, 62, 449-457.	0.2	0
57	Preparation of Cellulose Nanocrystal Based Core-Shell Particles with Tunable Component Location. Chemistry Letters, 2021, 50, 240-243.	1.3	0
58	Structural and morphological changes of monolayers of a block copolymer with dendron and perfluoroalkyl side chains by mixing a perfluorooctadecanoic acid. Journal of Nanoscience and Nanotechnology, 2006, 6, 36-42.	0.9	0