Emiko Mouri

List of Publications by Year
in descending order

58	652	516710 16	642732 23
papers	citations	h-index	g-index

58	58	58	588
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Impacts of negatively charged colloidal clay particles on photoisomerization of both anionic and cationic azobenzene molecules. RSC Advances, 2022, 12, 10855-10861.	3.6	3
2	Preparation of Cellulose Nanocrystal Based Core-Shell Particles with Tunable Component Location. Chemistry Letters, 2021, 50, 240-243.	1.3	0
3	Electrically Induced Alignment of Semiconductor Nanosheets in Niobateâ€"Clay Binary Nanosheet Colloids toward Significantly Enhanced Photocatalysis. Langmuir, 2021, 37, 7789-7800.	3.5	6
4	The effects of graphene hybridization on mechanical properties of GFRP composites. AIP Conference Proceedings, 2021, , .	0.4	2
5	Development of Structural Color by Niobate Nanosheet Colloids. Chemistry Letters, 2020, 49, 717-720.	1.3	11
6	Mesoscopic Architectures Made of Electrically Charged Binary Colloidal Nanosheets in Aqueous System. Langmuir, 2019, 35, 14543-14552.	3.5	8
7	Electric-Alignment Immobilization of Liquid Crystalline Colloidal Nanosheets with the Aid of a Natural Organic Polymer. Langmuir, 2019, 35, 7003-7008.	3.5	1
8	Photoinduced electron transfer in semiconductorâ€"clay binary nanosheet colloids controlled by clay particles as a turnout switch. Applied Catalysis B: Environmental, 2019, 241, 499-505.	20.2	10
9	Association behaviors of poly(N-vinylpyrrolidone)-grafted fullerenes in aqueous solution. Journal of Polymer Research, 2018, 25, 1.	2.4	1
10	Electrolyte-dependence of the macroscopic textures generated in the colloidal liquid crystals of niobate nanosheets. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 556, 106-112.	4.7	2
11	Control of assembly size of poly (methacrylic acid)-grafted fullerenesÂin aqueous solution. Journal of Polymer Research, 2018, 25, 1.	2.4	2
12	pH-Sensitive Adsorption Behavior of Polymer Particles at the Airâ€"Water Interface. Langmuir, 2017, 33, 1451-1459.	3.5	23
13	Textural diversity of hierarchical macroscopic structures of colloidal liquid crystalline nanosheets organized under electric fields. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 522, 373-381.	4.7	9
14	Fabrication of structure-preserving monodisperse particles of PMMA-grafted fullerenes. Fibers and Polymers, 2017, 18, 2261-2268.	2.1	7
15	Flow-Induced Assembly of Colloidal Liquid Crystalline Nanosheets Toward Unidirectional Macroscopic Structures. Journal of Nanoscience and Nanotechnology, 2016, 16, 2967-2974.	0.9	4
16	Photoinduced electron transfer between semiconducting nanosheets and acceptor molecules in the presence of colloidal clay particles. Applied Clay Science, 2016, 130, 76-82.	5.2	2
17	Deposition of plasmonic silver nanoparticles onto semiconducting oxide nanosheets and their photochromic behavior. Journal of the Ceramic Society of Japan, 2015, 123, 809-812.	1.1	2
18	Synergistic photocatalytic hydrogen evolution over oxide nanosheets combined with photochemically inert additives. Physical Chemistry Chemical Physics, 2015, 17, 5547-5550.	2.8	14

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19	Effects of solâ€“gel transition of clay colloids on the spectroscopic behavior of cationic dye adsorbed on the clay particles. Applied Clay Science, 2015, 118, 29-37.	5.2	10
20	Decomposition of a cyanine dye in binary nanosheet colloids of photocatalytically active niobate and inert clay. Journal of Materials Science, 2014, 49, 915-922.	3.7	11
21	Behavior of polymer chains grafted from latex particles at soft interfaces. Colloid and Polymer Science, 2014, 292, 547-555.	2.1	1
22	Multiphase coexistence and destabilization of liquid crystalline binary nanosheet colloids of titanate and clay. Soft Matter, 2014, 10, 3161.	2.7	22
23	Panoscopic organization of anisotropic colloidal structures from photofunctional inorganic nanosheet liquid crystals. Physical Chemistry Chemical Physics, 2014, 16, 955-962.	2.8	21
24	Pickering Emulsions Prepared by Layered Niobate K₄Nb₆O₁₇ Intercalated with Organic Cations and Photocatalytic Dye Decomposition in the Emulsions. ACS Applied Materials & Interfaces, 2012, 4, 4338-4347.	8.0	30
25	Effect of Grafted Polymer Species on Particle Monolayer Structure at the Airâ€“Water Interface. Journal of Nanoscience and Nanotechnology, 2011, 11, 2486-2495.	0.9	2
26	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. Colloid and Polymer Science, 2011, 289, 85-91.	2.1	7
27	Incorporation of titanium dioxide particles into polymer matrix using block copolymer micelles for fabrication of high refractive and transparent organicâ€“inorganic hybrid materials. Journal of Polymer Science Part A, 2011, 49, 712-718.	2.3	23
28	Particle Monolayer Formation with Arrayed Structure by PMMA-<I>Grafted</I> Polystyrene Latex at the Airâ€“Water Interface. Journal of Nanoscience and Nanotechnology, 2010, 10, 5838-5846.	0.9	4
29	Effects of ferrocenyl group on refractive index of colloidal crystal system formed by polymer-grafted silica in organic solvent. Colloid and Polymer Science, 2010, 288, 519-525.	2.1	4
30	Structural estimation of particle arrays at airâ€“water interface based on silica particles with wellâ€defined and highly grafted poly(methyl methacrylate). Polymer Engineering and Science, 2010, 50, 1067-1074.	3.1	4
31	Crystallization of titania ultra-fine particles from peroxotitanic acid in aqueous solution in the present of polymer and incorporation into poly(methyl methacylate) via dispersion in organic solvent. Colloid and Polymer Science, 2009, 287, 139-146.	2.1	15
32	X-Ray Reflectometry Confirms Polymer-<I>Grafted</I> Silica Particle Monolayer Formation at the Airâ€“Water Interface. Journal of Nanoscience and Nanotechnology, 2009, 9, 327-333.	0.9	4
33	Critical Brush Density for the Transition between Carpet-Only and Carpet/Brush Double-Layered Structures. 2. Hydrophilic Chain Length Dependence. Macromolecules, 2007, 40, 766-769.	4.8	11
34	Colloidal crystallization of colloidal silica modified with ferrocenyl group-contained polymers in organic solvents. Colloids and Surfaces B: Biointerfaces, 2007, 54, 108-113.	5.0	8
35	Evaluation of Small Ion Distribution in the Polyelectrolyte Brush at the Air/Water Interface by Neutron Reflectometry. Transactions of the Materials Research Society of Japan, 2007, 32, 297-302.	0.2	1
36	Formation of Submicron Scale Particles of Narrow Size Distribution from a Water-Soluble Dendrimer with Links to Porphyrins and a Fullerene. Macromolecules, 2006, 39, 1607-1613.	4.8	18

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37	Particle monolayer formation at the air-water interface by silica particle with well-defined grafted polymer. Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 2789-2797.	2.1	6
38	Immobilization of colloidal crystals, formed by polymer-grafted silica in organic solvent, in physical gels. Colloid and Polymer Science, 2006, 284, 694-698.	2.1	5
39	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
40	Controlled Crystallization of Ultrafine Titanium Dioxide Particles in the Presence of Hydrophilic or Amphiphilic Polymer from Peroxotitanic Acid. Chemistry Letters, 2005, 34, 1094-1095.	1.3	8
41	Imaging of Polyelectrolyte Brushes at the Air/Water Interface by Reflectometry. Kobunshi Ronbunshu, 2005, 62, 449-457.	0.2	0
42	Stepwise Controlled Immobilization of Colloidal Crystals Formed by Polymer-Grafted Silica Particles. Langmuir, 2005, 21, 4471-4477.	3.5	37
43	Critical Brush Density for the Transition between Carpet-Only and Carpet/Brush Double-Layered Structures1. Langmuir, 2005, 21, 6842-6845.	3.5	13
44	Nanostructure of a â€œCarpetâ€•like Dense Layer/Polyelectrolyte Brush Layer in a Block Copolymer Monolayer at the Airâ˜'Water Interface. Langmuir, 2005, 21, 1840-1847.	3.5	22
45	Preparation of poly(methyl methacrylate) films containing silica particle array structure from colloidal crystals. Colloid and Polymer Science, 2004, 283, 340-343.	2.1	9
46	Hydrophilic Chain Length Dependence of the Ionic Amphiphilic Polymer Monolayer Structure at the Air/Water Interface. Langmuir, 2004, 20, 8062-8067.	3.5	27
47	Effect of Salt Concentration on the Nanostructure of Weak Polyacid Brush in the Amphiphilic Polymer Monolayer at the Air/Water Interface. Langmuir, 2004, 20, 10604-10611.	3.5	36
48	Nanostructure of Polymer Monolayer by X-Ray and Neutron Reflectometry. Kobunshi, 2004, 53, 486-489.	0.0	0
49	Effect of pH on the nanostructure of an amphiphilic carbosilane/methacrylic acid block copolymer at air/water interface. Journal of Applied Crystallography, 2003, 36, 722-726.	4.5	21
50	Carpetlike dense-layer formation in a polyelectrolyte brush at the air/water interface. Journal of Polymer Science, Part B: Polymer Physics, 2003, 41, 1921-1928.	2.1	23
51	Polymer Micelle Formation without Gibbs Monolayer Formation:Â Synthesis and Characteristic Behavior of an Amphiphilic Diblock Copolymer Having Strong Acid Groups. Macromolecules, 2003, 36, 5321-5330.	4.8	44
52	Fabrication of Nano-structure by Dielsâ€"Alder Reaction. Chemistry Letters, 2002, 31, 886-887.	1.3	13
53	Nanostructure of a Photochromic Polymer/Liquid Crystal Hybrid Monolayer on a Water Surface Observed by in Situ X-ray Reflectometry. Langmuir, 2002, 18, 3875-3879.	3.5	16
54	Nanostructure of Fullerene-Bearing Artificial Lipid Monolayer on Water Surface by in Situ X-ray Reflectometry. Langmuir, 2002, 18, 10042-10045.	3.5	16

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55	X-ray Reflectivity Study of Anionic Amphiphilic Carbosilane Block Copolymer Monolayers on a Water Surface. Langmuir, 2002, 18, 3865-3874.	3.5	23
56	Synthesis of anionic amphiphilic carbosilane block copolymer: Poly(1,1-diethylsilacyclobutane-block-methacrylic acid). Journal of Polymer Science Part A, 2001, 39, 86-92.	2.3	15
57	Dynamics on Molecular Films. The Application of the X-ray Reflectometry to the Monolayer Adsorbed at the Air-Water Interface.. Hyomen Kagaku, 2000, 21, 615-622.	0.0	0
58	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 Microscopyâ€. Langmuir, 1999, 15, 4295-4301.	3.5	15