

Tatsuo Maruyama

List of Publications by Year in descending order

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papers

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57758

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147
docs citations

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7351
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#	ARTICLE	IF	CITATIONS
1	Cancer Cell Death Induced by the Intracellular Self-Assembly of an Enzyme-Responsive Supramolecular Gelator. <i>Journal of the American Chemical Society</i> , 2015, 137, 770-775.	13.7	329
2	CO ₂ separation facilitated by task-specific ionic liquids using a supported liquid membrane. <i>Journal of Membrane Science</i> , 2008, 314, 1-4.	8.2	303
3	Feasibility of Ionic Liquids as Alternative Separation Media for Industrial Solvent Extraction Processes. <i>Industrial & Engineering Chemistry Research</i> , 2005, 44, 4368-4372.	3.7	261
4	Ionic Liquids as a Novel Solvent for Lanthanide Extraction. <i>Analytical Sciences</i> , 2003, 19, 1097-1098.	1.6	245
5	Development of a hydrophilic polymer membrane containing silver nanoparticles with both organic antifouling and antibacterial properties. <i>Journal of Membrane Science</i> , 2012, 387-388, 1-6.	8.2	243
6	FT-IR analysis of BSA fouled on ultrafiltration and microfiltration membranes. <i>Journal of Membrane Science</i> , 2001, 192, 201-207.	8.2	219
7	Preparation of PVDF hollow fiber membrane from a ternary polymer/solvent/nonsolvent system via thermally induced phase separation (TIPS) method. <i>Separation and Purification Technology</i> , 2008, 63, 415-423.	7.9	166
8	Liquid Membrane Operations in a Microfluidic Device for Selective Separation of Metal Ions. <i>Analytical Chemistry</i> , 2004, 76, 4495-4500.	6.5	134
9	Synthesis of gold nanoparticles using various amino acids. <i>Journal of Colloid and Interface Science</i> , 2015, 447, 254-257.	9.4	134
10	Effect of kinds of membrane materials on membrane fouling with BSA. <i>Journal of Membrane Science</i> , 2011, 384, 157-165.	8.2	133
11	Preparation of PVDF/PMMA blend hollow fiber membrane via thermally induced phase separation (TIPS) method. <i>Separation and Purification Technology</i> , 2009, 66, 76-83.	7.9	125
12	Improvement of the antifouling potential of an anion exchange membrane by surface modification with a polyelectrolyte for an electrodialysis process. <i>Journal of Membrane Science</i> , 2012, 417-418, 137-143.	8.2	121
13	Fouling reduction of reverse osmosis membrane by surface modification via layer-by-layer assembly. <i>Separation and Purification Technology</i> , 2012, 99, 1-7.	7.9	119
14	Development of antibacterial polyamide reverse osmosis membrane modified with a covalently immobilized enzyme. <i>Journal of Membrane Science</i> , 2013, 428, 403-409.	8.2	109
15	The improvement of antibiofouling efficiency of polyethersulfone membrane by functionalization with zwitterionic monomers. <i>Journal of Membrane Science</i> , 2012, 401-402, 292-299.	8.2	105
16	Enzymatic degradation of p-chlorophenol in a two-phase flow microchannel system. <i>Lab on A Chip</i> , 2003, 3, 308.	6.0	97
17	Effect of surface morphology on membrane fouling by humic acid with the use of cellulose acetate butyrate hollow fiber membranes. <i>Journal of Membrane Science</i> , 2008, 320, 483-491.	8.2	92
18	Preparation of poly(lactic acid) hollow fiber membranes via phase separation methods. <i>Journal of Membrane Science</i> , 2009, 342, 307-312.	8.2	88

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19	Mechanism of bovine serum albumin aggregation during ultrafiltration. <i>Biotechnology and Bioengineering</i> , 2001, 75, 233-238.	3.3	85
20	Versatile Supramolecular Gelators That Can Harden Water, Organic Solvents and Ionic Liquids. <i>Langmuir</i> , 2012, 28, 9259-9266.	3.5	84
21	Enzyme-facilitated enantioselective transport of (S)-ibuprofen through a supported liquid membrane based on ionic liquids. <i>Chemical Communications</i> , 2003, , 2926.	4.1	79
22	Effect of additives on the morphology and properties of poly(vinylidene fluoride) blend hollow fiber membrane prepared by the thermally induced phase separation method. <i>Journal of Membrane Science</i> , 2012, 423-424, 189-194.	8.2	79
23	Metal ion-selective membrane prepared by surface molecular imprinting. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 818, 141-145.	2.3	78
24	Proteinase-mediated drastic morphological change of peptide- α -amphiphile to induce supramolecular hydrogelation. <i>Chemical Communications</i> , 2010, 46, 979-981.	4.1	77
25	Title is missing!. <i>Biotechnology Letters</i> , 2002, 24, 1341-1345.	2.2	76
26	Proteins and Protein-Rich Biomass as Environmentally Friendly Adsorbents Selective for Precious Metal Ions. <i>Environmental Science & Technology</i> , 2007, 41, 1359-1364.	10.0	76
27	Poly(ethylene glycol)-lipase complexes that are highly active and enantioselective in ionic liquids. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 1239.	2.8	72
28	Visualization and characterization of SPG membrane emulsification. <i>Journal of Membrane Science</i> , 2002, 210, 29-37.	8.2	70
29	Oil-water interfacial activation of lipase for interesterification of triglyceride and fatty acid. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 2000, 77, 1121.	1.9	69
30	Effect of surface roughness of hollow fiber membranes with gear-shaped structure on membrane fouling by sodium alginate. <i>Journal of Membrane Science</i> , 2011, 366, 389-397.	8.2	69
31	Comb-shaped poly(ethylene glycol)-modified subtilisin Carlsberg is soluble and highly active in ionic liquids. <i>Chemical Communications</i> , 2005, , 4297.	4.1	68
32	Effects of three natural organic matter types on cellulose acetate butyrate microfiltration membrane fouling. <i>Journal of Membrane Science</i> , 2011, 379, 233-238.	8.2	68
33	Effect of metal ions on humic acid fouling of hollow fiber ultrafiltration membrane. <i>Journal of Membrane Science</i> , 2011, 376, 247-253.	8.2	67
34	Intermittent partition walls promote solvent extraction of metal ions in a microfluidic device. <i>Analyst</i> , The, 2004, 129, 1008.	3.5	64
35	Use of ionic liquids in a lipase-facilitated supported liquid membrane. <i>Biotechnology Letters</i> , 2003, 25, 805-808.	2.2	62
36	An enzymatic method for site-specific labeling of recombinant proteins with oligonucleotides. <i>Chemical Communications</i> , 2007, , 401-403.	4.1	62

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37	Preparation of monodispersed polyelectrolyte microcapsules with high encapsulation efficiency by an electrospray technique. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 370, 28-34.	4.7	57
38	Enzyme encapsulation in microparticles composed of polymerized ionic liquids for highly active and reusable biocatalysts. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 2353.	2.8	56
39	Supramolecular gelators based on benzenetricarboxamides for ionic liquids. <i>Soft Matter</i> , 2014, 10, 965-971.	2.7	55
40	Biodegradation of phenolic environmental pollutants by a surfactant-laccase complex in organic media. <i>Journal of Bioscience and Bioengineering</i> , 2005, 99, 642-647.	2.2	54
41	Homogeneous enzymatic reactions in ionic liquids with poly(ethylene glycol)-modified subtilisin. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 3462.	2.8	52
42	Stabilization of layer-by-layer assembled nanofiltration membranes by crosslinking via amide bond formation and siloxane bond formation. <i>Journal of Membrane Science</i> , 2013, 447, 128-133.	8.2	52
43	Membrane fouling properties of hollow fiber membranes prepared from cellulose acetate derivatives. <i>Journal of Membrane Science</i> , 2011, 376, 102-109.	8.2	50
44	Design of a Specific Peptide Tag that Affords Covalent and Site-Specific Enzyme Immobilization Catalyzed by Microbial Transglutaminase. <i>Biomacromolecules</i> , 2005, 6, 2299-2304.	5.4	48
45	Effect of membrane structure on gas absorption performance and long-term stability of membrane contactors. <i>Separation and Purification Technology</i> , 2013, 108, 65-73.	7.9	45
46	Improvement of Antifouling Properties of Polyvinylidene Fluoride Hollow Fiber Membranes by Simple Dip Coating of Phosphorylcholine Copolymer via Hydrophobic Interactions. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 2491-2497.	3.7	45
47	Highly Enantioselective Separation Using a Supported Liquid Membrane Encapsulating Surfactant-Enzyme Complex. <i>Journal of the American Chemical Society</i> , 2004, 126, 8622-8623.	13.7	44
48	Activation of lipase in ionic liquids by modification with comb-shaped poly(ethylene glycol). <i>Science and Technology of Advanced Materials</i> , 2006, 7, 692-698.	6.1	42
49	Effect of membrane surface morphology on membrane fouling with sodium alginate. <i>Journal of Membrane Science</i> , 2011, 366, 258-265.	8.2	42
50	A DNA-gold nanoparticle hybrid hydrogel network prepared by enzymatic reaction. <i>Chemical Communications</i> , 2017, 53, 5802-5805.	4.1	40
51	Experimental and theoretical study on propylene absorption by using PVDF hollow fiber membrane contactors with various membrane structures. <i>Journal of Membrane Science</i> , 2010, 346, 86-97.	8.2	38
52	Improvement of the antifouling properties of poly (lactic acid) hollow fiber membranes with poly (lactic acid)-poly(ethylene glycol)-poly (lactic acid) copolymers. <i>Desalination</i> , 2013, 325, 37-39.	8.2	38
53	Laccase-Mediated Oxidative Degradation of the Herbicide Dymron. <i>Biotechnology Progress</i> , 2006, 22, 426-430.	2.6	37
54	Selective adsorption and recovery of precious metal ions using protein-rich biomass as efficient adsorbents. <i>Process Biochemistry</i> , 2014, 49, 850-857.	3.7	37

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55	Cross-linked DNA capsules templated on porous calcium carbonate microparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 356, 126-133.	4.7	34
56	Reduction of fouling on poly(lactic acid) hollow fiber membranes by blending with poly(lactic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 415-416, 712-717.	8.2	33
57	Preparation of Inorganic/Organic Polymer Hybrid Microcapsules with High Encapsulation Efficiency by an Electrospray Technique. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 11973-11979.	8.0	31
58	Conjugation of DNA with protein using His-tag chemistry and its application to the aptamer-based detection system. <i>Biotechnology Letters</i> , 2008, 30, 2001-2006.	2.2	30
59	Sequence-selective extraction of single-stranded DNA using DNA-functionalized reverse micelles. <i>Chemical Communications</i> , 2007, , 4450.	4.1	28
60	Fouling reduction of a poly(ether sulfone) hollow fiber membrane with a hydrophilic surfactant prepared via non-solvent-induced phase separation. <i>Journal of Applied Polymer Science</i> , 2009, 111, 1653-1658.	2.6	28
61	Microenvironment pH-Induced Selective Cell Death for Potential Cancer Therapy Using Nanofibrous Self-Assembly of a Peptide Amphiphile. <i>Biomacromolecules</i> , 2021, 22, 2524-2531.	5.4	28
62	Poly(ethylene glycol)-lipase complexes catalytically active in fluoruous solvents. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 524.	2.8	27
63	Direct Refolding of Inclusion Bodies Using Reversed Micelles. <i>Biotechnology Progress</i> , 2004, 20, 1783-1787.	2.6	25
64	Solidification characteristics of polymer solution during polyvinylidene fluoride membrane preparation by nonsolvent-induced phase separation. <i>Journal of Membrane Science</i> , 2013, 438, 77-82.	8.2	25
65	Short Oligopeptides for Biocompatible and Biodegradable Supramolecular Hydrogels. <i>Langmuir</i> , 2018, 34, 8065-8074.	3.5	25
66	Directed aggregation and fusion of lipid vesicles induced by DNA-surfactants. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008, 66, 119-124.	5.0	24
67	In Situ Synthesis of a Supramolecular Hydrogelator at an Oil/Water Interface for Stabilization and Stimuli-Induced Fusion of Microdroplets. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9410-9414.	13.8	24
68	Visualization of Protein Fouling inside a Hollow Fiber Ultrafiltration Membrane by Fluorescent Microscopy. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 14850-14858.	3.7	23
69	Electron-Transfer Reactions and Functionalization of Cytochrome P450cam Monooxygenase System in Reverse Micelles. <i>Langmuir</i> , 2004, 20, 5564-5568.	3.5	22
70	DNA Hybridization in Nanostructural Molecular Assemblies Enables Detection of Gene Mutations without a Fluorescent Probe. <i>Biomacromolecules</i> , 2004, 5, 49-53.	5.4	22
71	Mutation Detection in DNA Oligonucleotides Based on a Guanine Quenching Method Coupled with Enzymatic Digestion of Single-Stranded DNA. <i>Biotechnology Letters</i> , 2005, 27, 1349-1354.	2.2	22
72	Display of Amino Groups on Substrate Surfaces by Simple Dip-Coating of Methacrylate-Based Polymers and Its Application to DNA Immobilization. <i>Langmuir</i> , 2013, 29, 932-938.	3.5	22

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73	Transport of organic acids through a supported liquid membrane driven by lipase-catalyzed reactions. Journal of Bioscience and Bioengineering, 2003, 96, 370-374.	2.2	21
74	DNA hybridization in reverse micelles and its application to mutation detection. Analyst, The, 2003, 128, 161-165.	3.5	21
75	Reorganization of the surface geometry of hollow-fiber membranes using dip-coating and vapor-induced phase separation. Journal of Membrane Science, 2014, 460, 229-240.	8.2	21
76	Small-Angle X-Ray Scattering Analysis of Stearic Acid Modified Lipase. Bioscience, Biotechnology and Biochemistry, 2001, 65, 1003-1006.	1.3	20
77	Factors affecting the oxidative activity of laccase towards biphenyl derivatives in homogeneous aqueous-organic systems. Journal of Bioscience and Bioengineering, 2004, 98, 14-19.	2.2	20
78	Perfluorocarbon-based Liquid-Liquid Extraction for Separation of Transition Metal Ions. Analytical Sciences, 2007, 23, 763-765.	1.6	20
79	Can lipases hydrolyze a peptide bond?. Enzyme and Microbial Technology, 2003, 32, 655-657.	3.2	19
80	Laccase-mediated degradation and reduction of toxicity of the postharvest fungicide imazalil. Process Biochemistry, 2007, 42, 459-461.	3.7	19
81	Surfactant-Induced Polymer Segregation To Produce Antifouling Surfaces via Dip-Coating with an Amphiphilic Polymer. Langmuir, 2015, 31, 125-131.	3.5	19
82	Functionalization of the cytochrome P450cam monooxygenase system in the cell-like aqueous compartments of water-in-oil emulsions. Journal of Bioscience and Bioengineering, 2005, 99, 12-17.	2.2	18
83	Detection of Single-Base Mutations by Fluorogenic Ribonuclease Protection Assay. Analytical Chemistry, 2005, 77, 7047-7053.	6.5	17
84	Intracellular self-assembly of supramolecular gelators to selectively kill cells of interest. Polymer Journal, 2020, 52, 883-889.	2.7	17
85	A Supported Liquid Membrane Encapsulating a Surfactant-Lipase Complex for the Selective Separation of Organic Acids. Chemistry - A European Journal, 2005, 11, 1163-1170.	3.3	16
86	Programmable protein-protein conjugation via DNA-based self-assembly. Chemical Communications, 2012, 48, 6226.	4.1	16
87	Effect of metal ions on the protein fouling of hollow-fiber ultrafiltration membranes. Separation and Purification Technology, 2013, 111, 137-144.	7.9	16
88	One-Step Biotinylation of Cellulose Paper by Polymer Coating to Prepare a Paper-Based Analytical Device. Analytical Chemistry, 2020, 92, 1978-1987.	6.5	16
89	Masking oligonucleotides improve sensitivity of mutation detection based on guanine quenching. Analytical Biochemistry, 2006, 354, 8-14.	2.4	15
90	Inhibitory effects of gold(III) ions on ribonuclease and deoxyribonuclease. Journal of Inorganic Biochemistry, 2007, 101, 180-186.	3.5	14

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91	Effect of hypochlorite treatment on performance of hollow fiber membrane prepared from polyethersulfone/N-methyl-2-pyrrolidone/tetronic 1307 solution. Journal of Applied Polymer Science, 2008, 110, 687-694.	2.6	14
92	Control of water content by reverse micellar solutions for peroxidase catalysis in a water-immiscible organic solvent. Journal of Bioscience and Bioengineering, 2003, 95, 425-427.	2.2	13
93	pH-responsive behavior of hydrogel microspheres altered by layer-by-layer assembly of polyelectrolytes. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 337, 159-163.	4.7	13
94	Time dependence of transport number ratio during electrodialysis process. Desalination and Water Treatment, 2011, 34, 25-31.	1.0	13
95	One-step preparation of giant lipid vesicles with high encapsulation efficiency using an electrospray technique. RSC Advances, 2012, 2, 11672.	3.6	13
96	Direct Visualization of Fouling Inside a Hollow-Fiber Ultrafiltration Membrane Caused by Sodium Alginate. Industrial & Engineering Chemistry Research, 2013, 52, 16375-16383.	3.7	13
97	Preparation of affinity membranes using thermally induced phase separation for one-step purification of recombinant proteins. Analytical Biochemistry, 2013, 434, 269-274.	2.4	13
98	Hydrogel formation by short D-peptide for cell-culture scaffolds. Materials Science and Engineering C, 2020, 111, 110746.	7.3	13
99	Immobilization of Proteins into Microcapsules and Their Adsorption Properties with Respect to Precious-Metal Ions. Industrial & Engineering Chemistry Research, 2008, 47, 1527-1532.	3.7	12
100	Microplate assay for aptamer-based thrombin detection using a DNA-enzyme conjugate based on histidine-tag chemistry. Analytical Biochemistry, 2012, 421, 541-546.	2.4	12
101	Preparation and characterization of several types of polyvinyl butyral hollow fiber membranes by thermally induced phase separation. Journal of Applied Polymer Science, 2013, 127, 4072-4078.	2.6	12
102	Influence of chemical compositions on the properties of random and multiblock sulfonated poly(arylene ether sulfone)-based proton-exchange membranes. Journal of Applied Polymer Science, 2010, 116, 267-279.	2.6	11
103	DNA-enzyme conjugate with a weak inhibitor that can specifically detect thrombin in a homogeneous medium. Analytical Biochemistry, 2011, 414, 103-108.	2.4	11
104	Simple detection of point mutations in DNA oligonucleotides using SYBR Green I. Biotechnology Letters, 2003, 25, 1637-1641.	2.2	10
105	Activation of manganese peroxidase in an organic medium using a mediator. Biochemical Engineering Journal, 2004, 19, 43-46.	3.6	10
106	Characterization of random and multiblock copolymers of highly sulfonated poly(arylene ether) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14	2.6	10
107	Preparation of DNA capsules cross-linked through NeutrAvidin-biotin interaction. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2011, 384, 529-535.	4.7	10
108	Palmitoylated amino acids as low-molecular-weight gelators for ionic liquids. Colloid and Polymer Science, 2017, 295, 1109-1116.	2.1	10

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109	Preparation of uncurled and planar multilayered graphene using polythiophene derivatives via liquid-phase exfoliation of graphite. <i>FlatChem</i> , 2018, 8, 31-39.	5.6	10
110	Optical Resolution of Various Amino Acids Using a Supported Liquid Membrane Encapsulating a Surfactant α -Protease Complex. <i>Langmuir</i> , 2005, 21, 4674-4679.	3.5	9
111	Alpha casein micelles show not only molecular chaperone-like aggregation inhibition properties but also protein refolding activity from the denatured state. <i>Biochemical and Biophysical Research Communications</i> , 2011, 404, 494-497.	2.1	9
112	Surface Functionalization by Grafting (2-Dimethylamino)ethyl Methacrylate Methyl Chloride Quaternary Salt (DMAEMAq) onto Hollow Fiber Polyethersulfone (PES) Membranes for Improvement of Antibiofouling Properties. <i>Solvent Extraction Research and Development</i> , 2012, 19, 101-115.	0.4	9
113	Controlling Surface Segregation of a Polymer To Display Carboxy Groups on an Outermost Surface Using Perfluoroacyl Groups. <i>Langmuir</i> , 2018, 34, 6396-6404.	3.5	9
114	Interesterification and hydrolysis catalyzed by fatty acid-modified lipases. <i>European Journal of Lipid Science and Technology</i> , 2002, 104, 255-261.	1.5	8
115	Detection of Point Mutations in the HBV Polymerase Gene Using a Fluorescence Intercalator in Reverse Micelles. <i>Biotechnology Progress</i> , 2008, 21, 575-579.	2.6	8
116	Analysis of solidification rate of polymer solutions during PVDF membrane fabrication via TIPS method. <i>Desalination and Water Treatment</i> , 2010, 17, 275-280.	1.0	8
117	Hollow phosphorylcholine polymer vesicles prepared by a coaxial electrospray technique. <i>Colloid and Polymer Science</i> , 2017, 295, 1251-1256.	2.1	8
118	Surface-functionalization of isotactic polypropylene via dip-coating with a methacrylate-based terpolymer containing perfluoroalkyl groups and poly(ethylene glycol). <i>Polymer Journal</i> , 2019, 51, 489-499.	2.7	8
119	Structural study of lipase modified with fatty acids. <i>Biochemical Engineering Journal</i> , 2001, 9, 185-191.	3.6	7
120	Spectrophotometric assay for protease activity in ionic liquids using chromogenic substrates. <i>Analytical Biochemistry</i> , 2008, 374, 285-290.	2.4	7
121	Task-specific membranes for the isolation of recombinant proteins with peptide tags. <i>RSC Advances</i> , 2012, 2, 125-127.	3.6	7
122	Effect of addition of organic microspheres on proton conductivity property of sulfonated poly(arylene ether sulfone) membrane. <i>Journal of Applied Polymer Science</i> , 2008, 109, 3739-3745.	2.6	6
123	A Cu-free clickable surface with controllable surface density. <i>Colloid and Polymer Science</i> , 2019, 297, 927-931.	2.1	6
124	Molecular Design of pH-Responsive Helix Peptides That Can Damage Tumor Cells Selectively. <i>ACS Applied Bio Materials</i> , 2021, 4, 2442-2452.	4.6	6
125	Enzyme-mediated protein refolding. <i>Chemical Communications</i> , 2009, , 7197.	4.1	5
126	Liquid α -liquid extraction of enzymatically synthesized functional RNA oligonucleotides using reverse micelles with a DNA-surfactant. <i>Chemical Communications</i> , 2016, 52, 12376-12379.	4.1	5

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127	In Situ Synthesis of a Supramolecular Hydrogelator at an Oil/Water Interface for Stabilization and Stimuli-Induced Fusion of Microdroplets. <i>Angewandte Chemie</i> , 2017, 129, 9538-9542.	2.0	5
128	Restoration of the defect in radial glial fiber migration and cortical plate organization in a brain organoid model of Fukuyama muscular dystrophy. <i>IScience</i> , 2021, 24, 103140.	4.1	5
129	Microcapsulation of DNA and the adsorption of toxic substances. <i>Journal of Microencapsulation</i> , 2008, 25, 324-329.	2.8	4
130	Hollow giant lipid vesicles prepared by coaxially electrospraying solutions of phospholipid and degradable polyelectrolyte. <i>Colloid and Polymer Science</i> , 2014, 292, 3049-3053.	2.1	4
131	Covalent immobilization of gold nanoparticles on a plastic substrate and subsequent immobilization of biomolecules. <i>RSC Advances</i> , 2021, 11, 23409-23417.	3.6	4
132	Ring-opening Polymerization of Lactones Catalyzed by Surfactant-Coated Lipases in Organic Solvents.. <i>Journal of Chemical Engineering of Japan</i> , 2003, 36, 307-312.	0.6	4
133	Enzymatic Synthesis of Sugar Amino Acid Esters in Organic Solvents. <i>Journal of Bioscience and Bioengineering</i> , 2002, 94, 357-361.	2.2	4
134	Effect of diluents on the characteristics of cellulose diacetate membranes prepared via thermally induced phase separation method. <i>Desalination and Water Treatment</i> , 2010, 17, 262-267.	1.0	3
135	Rational design of a degradable polyanion for layer-by-layer assembly for encapsulation and release of cationic functional biomolecules. <i>Chemical Communications</i> , 2015, 51, 17447-17450.	4.1	3
136	Liquid-Liquid Extraction of Functional Single-Stranded DNA Using Reverse Micelles with DNA-Surfactant. <i>ChemNanoMat</i> , 2016, 2, 461-465.	2.8	3
137	Quantification of azide groups on a material surface and a biomolecule using a clickable and cleavable fluorescent compound. <i>RSC Advances</i> , 2019, 9, 4621-4625.	3.6	3
138	Effect of Hydrocarbon-Water Interfaces on Synthetic and Hydrolytic Activities of Lipases.. <i>Journal of Bioscience and Bioengineering</i> , 2001, 92, 242-247.	2.2	3
139	Mutation Detection in the Drug-Resistant Hepatitis B Virus Polymerase Gene Using Nanostructured Reverse Micelles. <i>Analytical Sciences</i> , 2004, 20, 1609-1611.	1.6	1
140	Electrospun polymeric short microfibers with surface-selective functionalization. <i>Colloid and Polymer Science</i> , 2018, 296, 239-244.	2.1	1
141	Preparation and Characterization of Microporous Hollow Fiber Membranes Containing Hydrotalcite as an Inorganic Adsorbent. <i>Solvent Extraction Research and Development</i> , 2010, 17, 53-61.	0.4	1
142	Rewritable Surface on a Plastic Substrate Using Fluorous Affinity. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 3255-3263.	8.0	1
143	Comparative analyses of site-directed mutagenesis of human melatonin MTNR1A and MTNR1B receptors using a yeast fluorescent biosensor. <i>Biotechnology and Bioengineering</i> , 2021, 118, 863-876.	3.3	0
144	Efficient Refolding of Inclusion Bodies by Reversed Micelles. <i>Kagaku Kogaku Ronbunshu</i> , 2004, 30, 468-473.	0.3	0

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145	Solid-phase Peptide Synthesis in a Microfluidic Device. Kagaku Kogaku Ronbunshu, 2004, 30, 180-182.	0.3	0
146	Effect of Amphiphilic Additives on Properties of Hollow-fiber Membranes of Cellulose Acetate Butyrate Prepared by Thermally Induced Phase Separation. Kagaku Kogaku Ronbunshu, 2009, 35, 117-121.	0.3	0