

Tatsuo Maruyama

List of Publications by Year in descending order

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146
papers

6,355
citations

66250

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147
all docs

147
docs citations

147
times ranked

8385
citing authors

#	ARTICLE	IF	CITATIONS
1	Rewritable Surface on a Plastic Substrate Using Fluorous Affinity. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 3255-3263.	4.0	1
2	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.	1.7	0
3	Covalent immobilization of gold nanoparticles on a plastic substrate and subsequent immobilization of biomolecules. <i>RSC Advances</i> , 2021, 11, 23409-23417.	1.7	4
4	Molecular Design of pH-Responsive Helix Peptides That Can Damage Tumor Cells Selectively. <i>ACS Applied Bio Materials</i> , 2021, 4, 2442-2452.	2.3	6
5	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.	2.6	28
6	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.	1.9	5
7	One-Step Biotinylation of Cellulose Paper by Polymer Coating to Prepare a Paper-Based Analytical Device. <i>Analytical Chemistry</i> , 2020, 92, 1978-1987.	3.2	16
8	Hydrogel formation by short D-peptide for cell-culture scaffolds. <i>Materials Science and Engineering C</i> , 2020, 111, 110746.	3.8	13
9	Intracellular self-assembly of supramolecular gelators to selectively kill cells of interest. <i>Polymer Journal</i> , 2020, 52, 883-889.	1.3	17
10	A Cu-free clickable surface with controllable surface density. <i>Colloid and Polymer Science</i> , 2019, 297, 927-931.	1.0	6
11	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.	1.7	3
12	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.	1.3	8
13	Preparation of uncurled and planar multilayered graphene using polythiophene derivatives via liquid-phase exfoliation of graphite. <i>FlatChem</i> , 2018, 8, 31-39.	2.8	10
14	Electrospun polymeric short microfibers with surface-selective functionalization. <i>Colloid and Polymer Science</i> , 2018, 296, 239-244.	1.0	1
15	Controlling Surface Segregation of a Polymer To Display Carboxy Groups on an Outermost Surface Using Perfluoroacyl Groups. <i>Langmuir</i> , 2018, 34, 6396-6404.	1.6	9
16	Short Oligopeptides for Biocompatible and Biodegradable Supramolecular Hydrogels. <i>Langmuir</i> , 2018, 34, 8065-8074.	1.6	25
17	A DNA-gold nanoparticle hybrid hydrogel network prepared by enzymatic reaction. <i>Chemical Communications</i> , 2017, 53, 5802-5805.	2.2	40
18	In Situ Synthesis of a Supramolecular Hydrogelator at an Oil/Water Interface for Stabilization and Stimulus-Induced Fusion of Microdroplets. <i>Angewandte Chemie</i> , 2017, 129, 9538-9542.	1.6	5

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19	Hollow phosphorylcholine polymer vesicles prepared by a coaxial electrospray technique. <i>Colloid and Polymer Science</i> , 2017, 295, 1251-1256.	1.0	8
20	Palmitoylated amino acids as low-molecular-weight gelators for ionic liquids. <i>Colloid and Polymer Science</i> , 2017, 295, 1109-1116.	1.0	10
21	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.	7.2	24
22	Liquid-Liquid Extraction of Functional Single-Stranded DNA Using Reverse Micelles with DNA-Surfactant. <i>ChemNanoMat</i> , 2016, 2, 461-465.	1.5	3
23	Liquid-Liquid extraction of enzymatically synthesized functional RNA oligonucleotides using reverse micelles with a DNA-surfactant. <i>Chemical Communications</i> , 2016, 52, 12376-12379.	2.2	5
24	Synthesis of gold nanoparticles using various amino acids. <i>Journal of Colloid and Interface Science</i> , 2015, 447, 254-257.	5.0	134
25	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.	2.2	3
26	Surfactant-Induced Polymer Segregation To Produce Antifouling Surfaces via Dip-Coating with an Amphiphilic Polymer. <i>Langmuir</i> , 2015, 31, 125-131.	1.6	19
27	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.	6.6	329
28	Selective adsorption and recovery of precious metal ions using protein-rich biomass as efficient adsorbents. <i>Process Biochemistry</i> , 2014, 49, 850-857.	1.8	37
29	Supramolecular gelators based on benzenetricarboxamides for ionic liquids. <i>Soft Matter</i> , 2014, 10, 965-971.	1.2	55
30	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.	1.8	45
31	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.	4.0	31
32	Hollow giant lipid vesicles prepared by coaxially electrospraying solutions of phospholipid and degradable polyelectrolyte. <i>Colloid and Polymer Science</i> , 2014, 292, 3049-3053.	1.0	4
33	Reorganization of the surface geometry of hollow-fiber membranes using dip-coating and vapor-induced phase separation. <i>Journal of Membrane Science</i> , 2014, 460, 229-240.	4.1	21
34	Preparation and characterization of several types of polyvinyl butyral hollow fiber membranes by thermally induced phase separation. <i>Journal of Applied Polymer Science</i> , 2013, 127, 4072-4078.	1.3	12
35	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.	3.9	45
36	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.	4.1	52

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37	Improvement of the antifouling properties of poly (lactic acid) hollow fiber membranes with poly (lactic acid)-polyethylene glycol-poly (lactic acid) copolymers. <i>Desalination</i> , 2013, 325, 37-39.	4.0	38
38	Effect of metal ions on the protein fouling of hollow-fiber ultrafiltration membranes. <i>Separation and Purification Technology</i> , 2013, 111, 137-144.	3.9	16
39	Direct Visualization of Fouling Inside a Hollow-Fiber Ultrafiltration Membrane Caused by Sodium Alginate. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 16375-16383.	1.8	13
40	Development of antibacterial polyamide reverse osmosis membrane modified with a covalently immobilized enzyme. <i>Journal of Membrane Science</i> , 2013, 428, 403-409.	4.1	109
41	Preparation of affinity membranes using thermally induced phase separation for one-step purification of recombinant proteins. <i>Analytical Biochemistry</i> , 2013, 434, 269-274.	1.1	13
42	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.	4.1	25
43	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.	1.6	22
44	Task-specific membranes for the isolation of recombinant proteins with peptide tags. <i>RSC Advances</i> , 2012, 2, 125-127.	1.7	7
45	One-step preparation of giant lipid vesicles with high encapsulation efficiency using an electrospray technique. <i>RSC Advances</i> , 2012, 2, 11672.	1.7	13
46	Visualization of Protein Fouling inside a Hollow Fiber Ultrafiltration Membrane by Fluorescent Microscopy. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 14850-14858.	1.8	23
47	Reduction of fouling on poly(lactic acid) hollow fiber membranes by blending with poly(lactic acid) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 415-416, 712-717.	4.1	33
48	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.	4.1	121
49	Versatile Supramolecular Gelators That Can Harden Water, Organic Solvents and Ionic Liquids. <i>Langmuir</i> , 2012, 28, 9259-9266.	1.6	84
50	Programmable protein-protein conjugation via DNA-based self-assembly. <i>Chemical Communications</i> , 2012, 48, 6226.	2.2	16
51	Fouling reduction of reverse osmosis membrane by surface modification via layer-by-layer assembly. <i>Separation and Purification Technology</i> , 2012, 99, 1-7.	3.9	119
52	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.	4.1	79
53	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.	0.5	9
54	Microplate assay for aptamer-based thrombin detection using a DNA-enzyme conjugate based on histidine-tag chemistry. <i>Analytical Biochemistry</i> , 2012, 421, 541-546.	1.1	12

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55	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.	4.1	243
56	The improvement of antibiofouling efficiency of polyethersulfone membrane by functionalization with zwitterionic monomers. <i>Journal of Membrane Science</i> , 2012, 401-402, 292-299.	4.1	105
57	Time dependence of transport number ratio during electro dialysis process. <i>Desalination and Water Treatment</i> , 2011, 34, 25-31.	1.0	13
58	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.	1.0	9
59	Effect of kinds of membrane materials on membrane fouling with BSA. <i>Journal of Membrane Science</i> , 2011, 384, 157-165.	4.1	133
60	Preparation of DNA capsules cross-linked through NeutrAvidinâ€“biotin interaction. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 384, 529-535.	2.3	10
61	DNAâ€“enzyme conjugate with a weak inhibitor that can specifically detect thrombin in a homogeneous medium. <i>Analytical Biochemistry</i> , 2011, 414, 103-108.	1.1	11
62	Effect of membrane surface morphology on membrane fouling with sodium alginate. <i>Journal of Membrane Science</i> , 2011, 366, 258-265.	4.1	42
63	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.	4.1	69
64	Membrane fouling properties of hollow fiber membranes prepared from cellulose acetate derivatives. <i>Journal of Membrane Science</i> , 2011, 376, 102-109.	4.1	50
65	Effect of metal ions on humic acid fouling of hollow fiber ultrafiltration membrane. <i>Journal of Membrane Science</i> , 2011, 376, 247-253.	4.1	67
66	Effects of three natural organic matter types on cellulose acetate butyrate microfiltration membrane fouling. <i>Journal of Membrane Science</i> , 2011, 379, 233-238.	4.1	68
67	Influence of chemical compositions on the properties of random and multiblock sulfonated poly(arylene ether sulfone)â€“based protonâ€“exchange membranes. <i>Journal of Applied Polymer Science</i> , 2010, 116, 267-279.	1.3	11
68	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.	4.1	38
69	Cross-linked DNA capsules templated on porous calcium carbonate microparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 356, 126-133.	2.3	34
70	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.	2.3	57
71	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
72	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

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73	Proteinase-mediated drastic morphological change of peptide- α -amphiphile to induce supramolecular hydrogelation. <i>Chemical Communications</i> , 2010, 46, 979-981.	2.2	77
74	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.	0.5	1
75	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.	1.3	28
76	Characterization of random and multiblock copolymers of highly sulfonated poly(arylene ether) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.3	10
77	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.	3.9	125
78	Preparation of poly(lactic acid) hollow fiber membranes via phase separation methods. <i>Journal of Membrane Science</i> , 2009, 342, 307-312.	4.1	88
79	pH-responsive behavior of hydrogel microspheres altered by layer-by-layer assembly of polyelectrolytes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 337, 159-163.	2.3	13
80	Enzyme-mediated protein refolding. <i>Chemical Communications</i> , 2009, , 7197.	2.2	5
81	Enzyme encapsulation in microparticles composed of polymerized ionic liquids for highly active and reusable biocatalysts. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 2353.	1.5	56
82	Effect of Amphiphilic Additives on Properties of Hollow-fiber Membranes of Cellulose Acetate Butyrate Prepared by Thermally Induced Phase Separation. <i>Kagaku Kogaku Ronbunshu</i> , 2009, 35, 117-121.	0.1	0
83	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.	4.1	92
84	Directed aggregation and fusion of lipid vesicles induced by DNA-surfactants. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008, 66, 119-124.	2.5	24
85	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.	1.1	30
86	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.	1.3	6
87	Effect of hypochlorite treatment on performance of hollow fiber membrane prepared from polyethersulfone/N-methyl-2-pyrrolidone/tetronic 1307 solution. <i>Journal of Applied Polymer Science</i> , 2008, 110, 687-694.	1.3	14
88	CO ₂ separation facilitated by task-specific ionic liquids using a supported liquid membrane. <i>Journal of Membrane Science</i> , 2008, 314, 1-4.	4.1	303
89	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.	3.9	166
90	Spectrophotometric assay for protease activity in ionic liquids using chromogenic substrates. <i>Analytical Biochemistry</i> , 2008, 374, 285-290.	1.1	7

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91	Detection of Point Mutations in the HBV Polymerase Gene Using a Fluorescence Intercalator in Reverse Micelles. <i>Biotechnology Progress</i> , 2008, 21, 575-579.	1.3	8
92	Immobilization of Proteins into Microcapsules and Their Adsorption Properties with Respect to Precious-Metal Ions. <i>Industrial & Engineering Chemistry Research</i> , 2008, 47, 1527-1532.	1.8	12
93	Microcapsulation of DNA and the adsorption of toxic substances. <i>Journal of Microencapsulation</i> , 2008, 25, 324-329.	1.2	4
94	Perfluorocarbon-based Liquid-Liquid Extraction for Separation of Transition Metal Ions. <i>Analytical Sciences</i> , 2007, 23, 763-765.	0.8	20
95	Proteins and Protein-Rich Biomass as Environmentally Friendly Adsorbents Selective for Precious Metal Ions. <i>Environmental Science & Technology</i> , 2007, 41, 1359-1364.	4.6	76
96	Sequence-selective extraction of single-stranded DNA using DNA-functionalized reverse micelles. <i>Chemical Communications</i> , 2007, , 4450.	2.2	28
97	An enzymatic method for site-specific labeling of recombinant proteins with oligonucleotides. <i>Chemical Communications</i> , 2007, , 401-403.	2.2	62
98	Laccase-mediated degradation and reduction of toxicity of the postharvest fungicide imazalil. <i>Process Biochemistry</i> , 2007, 42, 459-461.	1.8	19
99	Inhibitory effects of gold(III) ions on ribonuclease and deoxyribonuclease. <i>Journal of Inorganic Biochemistry</i> , 2007, 101, 180-186.	1.5	14
100	Homogeneous enzymatic reactions in ionic liquids with poly(ethylene glycol)-modified subtilisin. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 3462.	1.5	52
101	Laccase-Mediated Oxidative Degradation of the Herbicide Dymron. <i>Biotechnology Progress</i> , 2006, 22, 426-430.	1.3	37
102	Masking oligonucleotides improve sensitivity of mutation detection based on guanine quenching. <i>Analytical Biochemistry</i> , 2006, 354, 8-14.	1.1	15
103	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.	2.8	42
104	Optical Resolution of Various Amino Acids Using a Supported Liquid Membrane Encapsulating a Surfactant-Protease Complex. <i>Langmuir</i> , 2005, 21, 4674-4679.	1.6	9
105	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.	1.2	78
106	Biodegradation of phenolic environmental pollutants by a surfactant-laccase complex in organic media. <i>Journal of Bioscience and Bioengineering</i> , 2005, 99, 642-647.	1.1	54
107	A Supported Liquid Membrane Encapsulating a Surfactant-Lipase Complex for the Selective Separation of Organic Acids. <i>Chemistry - A European Journal</i> , 2005, 11, 1163-1170.	1.7	16
108	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.	1.1	22

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109	Functionalization of the cytochrome P450cam monooxygenase system in the cell-like aqueous compartments of water-in-oil emulsions. <i>Journal of Bioscience and Bioengineering</i> , 2005, 99, 12-17.	1.1	18
110	Comb-shaped poly(ethylene glycol)-modified subtilisin Carlsberg is soluble and highly active in ionic liquids. <i>Chemical Communications</i> , 2005, , 4297.	2.2	68
111	Detection of Single-Base Mutations by Fluorogenic Ribonuclease Protection Assay. <i>Analytical Chemistry</i> , 2005, 77, 7047-7053.	3.2	17
112	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.	2.6	48
113	Feasibility of Ionic Liquids as Alternative Separation Media for Industrial Solvent Extraction Processes. <i>Industrial & Engineering Chemistry Research</i> , 2005, 44, 4368-4372.	1.8	261
114	Direct Refolding of Inclusion Bodies Using Reversed Micelles. <i>Biotechnology Progress</i> , 2004, 20, 1783-1787.	1.3	25
115	Factors affecting the oxidative activity of laccase towards biphenyl derivatives in homogeneous aqueous-organic systems. <i>Journal of Bioscience and Bioengineering</i> , 2004, 98, 14-19.	1.1	20
116	Activation of manganese peroxidase in an organic medium using a mediator. <i>Biochemical Engineering Journal</i> , 2004, 19, 43-46.	1.8	10
117	Poly(ethylene glycol)-lipase complexes catalytically active in fluoruous solvents. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 524.	1.5	27
118	Liquid Membrane Operations in a Microfluidic Device for Selective Separation of Metal Ions. <i>Analytical Chemistry</i> , 2004, 76, 4495-4500.	3.2	134
119	Electron-Transfer Reactions and Functionalization of Cytochrome P450cam Monooxygenase System in Reverse Micelles. <i>Langmuir</i> , 2004, 20, 5564-5568.	1.6	22
120	Intermittent partition walls promote solvent extraction of metal ions in a microfluidic device. <i>Analyst, The</i> , 2004, 129, 1008.	1.7	64
121	DNA Hybridization in Nanostructural Molecular Assemblies Enables Detection of Gene Mutations without a Fluorescent Probe. <i>Biomacromolecules</i> , 2004, 5, 49-53.	2.6	22
122	Poly(ethylene glycol)-lipase complexes that are highly active and enantioselective in ionic liquids. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 1239.	1.5	72
123	Highly Enantioselective Separation Using a Supported Liquid Membrane Encapsulating Surfactant-Enzyme Complex. <i>Journal of the American Chemical Society</i> , 2004, 126, 8622-8623.	6.6	44
124	Mutation Detection in the Drug-Resistant Hepatitis B Virus Polymerase Gene Using Nanostructured Reverse Micelles. <i>Analytical Sciences</i> , 2004, 20, 1609-1611.	0.8	1
125	Efficient Refolding of Inclusion Bodies by Reversed Micelles. <i>Kagaku Kogaku Ronbunshu</i> , 2004, 30, 468-473.	0.1	0
126	Solid-phase Peptide Synthesis in a Microfluidic Device. <i>Kagaku Kogaku Ronbunshu</i> , 2004, 30, 180-182.	0.1	0

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127	Use of ionic liquids in a lipase-facilitated supported liquid membrane. <i>Biotechnology Letters</i> , 2003, 25, 805-808.	1.1	62
128	Simple detection of point mutations in DNA oligonucleotides using SYBR Green I. <i>Biotechnology Letters</i> , 2003, 25, 1637-1641.	1.1	10
129	Enzymatic degradation of p-chlorophenol in a two-phase flow microchannel system. <i>Lab on A Chip</i> , 2003, 3, 308.	3.1	97
130	Control of water content by reverse micellar solutions for peroxidase catalysis in a water-immiscible organic solvent. <i>Journal of Bioscience and Bioengineering</i> , 2003, 95, 425-427.	1.1	13
131	Transport of organic acids through a supported liquid membrane driven by lipase-catalyzed reactions. <i>Journal of Bioscience and Bioengineering</i> , 2003, 96, 370-374.	1.1	21
132	Can lipases hydrolyze a peptide bond?. <i>Enzyme and Microbial Technology</i> , 2003, 32, 655-657.	1.6	19
133	Enzyme-facilitated enantioselective transport of (S)-ibuprofen through a supported liquid membrane based on ionic liquids. <i>Chemical Communications</i> , 2003, , 2926.	2.2	79
134	DNA hybridization in reverse micelles and its application to mutation detection. <i>Analyst, The</i> , 2003, 128, 161-165.	1.7	21
135	Ionic Liquids as a Novel Solvent for Lanthanide Extraction. <i>Analytical Sciences</i> , 2003, 19, 1097-1098.	0.8	245
136	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.	0.3	4
137	Interesterification and hydrolysis catalyzed by fatty acid-modified lipases. <i>European Journal of Lipid Science and Technology</i> , 2002, 104, 255-261.	1.0	8
138	Visualization and characterization of SPG membrane emulsification. <i>Journal of Membrane Science</i> , 2002, 210, 29-37.	4.1	70
139	Title is missing!. <i>Biotechnology Letters</i> , 2002, 24, 1341-1345.	1.1	76
140	Enzymatic synthesis of sugar amino acid esters in organic solvents. <i>Journal of Bioscience and Bioengineering</i> , 2002, 94, 357-61.	1.1	4
141	Small-Angle X-Ray Scattering Analysis of Stearic Acid Modified Lipase. <i>Bioscience, Biotechnology and Biochemistry</i> , 2001, 65, 1003-1006.	0.6	20
142	FT-IR analysis of BSA fouled on ultrafiltration and microfiltration membranes. <i>Journal of Membrane Science</i> , 2001, 192, 201-207.	4.1	219
143	Structural study of lipase modified with fatty acids. <i>Biochemical Engineering Journal</i> , 2001, 9, 185-191.	1.8	7
144	Mechanism of bovine serum albumin aggregation during ultrafiltration. <i>Biotechnology and Bioengineering</i> , 2001, 75, 233-238.	1.7	85

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145	Effect of hydrocarbon-water interfaces on synthetic and hydrolytic activities of lipases. Journal of Bioscience and Bioengineering, 2001, 92, 242-7.	1.1	3
146	Oil-water interfacial activation of lipase for interesterification of triglyceride and fatty acid. JAOCS, Journal of the American Oil Chemists' Society, 2000, 77, 1121.	0.8	69