

Toshifumi Takeuchi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

260
papers

7,754
citations

49
h-index

73
g-index

295
ext. papers

8,275
ext. citations

4.9
avg, IF

5.98
L-index

#	Paper	IF	Citations
260	Protein-imprinted polymer films prepared via cavity-selective multi-step post-imprinting modifications for highly selective protein recognition. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 413, 6183-6189	4.4	2
259	POS0028 DEFINING THE PREVALENCE OF UNMET NEED IN SLE: DATA FROM A LARGE MULTINATIONAL LONGITUDINAL SLE COHORT. <i>Annals of the Rheumatic Diseases</i> , 2021 , 80, 218-219	2.4	
258	Molecularly imprinted polymer nanogel-based fluorescence sensing of pork contamination in halal meat extracts. <i>Biosensors and Bioelectronics</i> , 2021 , 172, 112775	11.8	18
257	Fluorescent Signaling of Molecularly Imprinted Nanogels Prepared via Postimprinting Modifications for Specific Protein Detection. <i>Advanced NanoBiomed Research</i> , 2021 , 1, 2000079	0	3
256	Simultaneous Detection of Two Tumor Marker Proteins Using Dual-Colored Signaling Molecularly Imprinted Polymers Prepared via Multi-Step Post-Imprinting Modifications. <i>Bulletin of the Chemical Society of Japan</i> , 2021 , 94, 525-531	5.1	4
255	In Silico Characterization of Binding Properties on a Molecularly Imprinted Polymer. <i>Bunseki Kagaku</i> , 2021 , 70, 111-124	0.2	
254	Oncogenic miRNAs Identified in Tear Exosomes From Metastatic Breast Cancer Patients. <i>Anticancer Research</i> , 2020 , 40, 3091-3096	2.3	21
253	Antibody-Conjugated Signaling Nanocavities Fabricated by Dynamic Molding for Detecting Cancers Using Small Extracellular Vesicle Markers from Tears. <i>Journal of the American Chemical Society</i> , 2020 , 142, 6617-6624	16.4	37
252	Cellular Interaction Regulation by Protein Corona Control of Molecularly Imprinted Polymer Nanogels Using Intrinsic Proteins. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 1465-1473	4.3	5
251	Signalling molecular recognition nanocavities with multiple functional groups prepared by molecular imprinting and sequential post-imprinting modifications for prostate cancer biomarker glycoprotein detection. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 7987-7993	7.3	13
250	Photodegradable Polymer Capsules Fabricated via Interfacial Photocross-linking of Spherical Polymer Particles. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 3813-3820	4.3	4
249	Molecularly Imprinted Nanogels Possessing Dansylamide Interaction Sites for Controlling Protein Corona In Situ by Cloaking Intrinsic Human Serum Albumin. <i>Langmuir</i> , 2020 , 36, 10674-10682	4	2
248	Molecularly Imprinted Nanogels Capable of Porcine Serum Albumin Detection in Raw Meat Extract for Halal Food Control. <i>Analytical Chemistry</i> , 2020 , 92, 6401-6407	7.8	17
247	Highly Sensitive Fluoro-Immunosensing for Biomarker Detection Using an Automatic Pipette Tip-Type Biosensing System. <i>ACS Omega</i> , 2019 , 4, 1487-1493	3.9	9
246	Site-specific post-imprinting modification of molecularly imprinted polymer nanocavities with a modifiable functional monomer for prostate cancer biomarker recognition. <i>Science and Technology of Advanced Materials</i> , 2019 , 20, 305-312	7.1	14
245	Orientationally Fabricated Zwitterionic Molecularly Imprinted Nanocavities for Highly Sensitive Glycoprotein Recognition. <i>Langmuir</i> , 2019 , 35, 1320-1326	4	24
244	Perforated Bimodal Interferometric Biosensor for Affinity Sensing. <i>Advanced Materials Technologies</i> , 2019 , 4, 1800533	6.8	2

243	Oriented Immobilization-based Molecular Imprinting for Constructing Nanocavities Capable of Precise Molecular Recognition. <i>Bunseki Kagaku</i> , 2019 , 68, 89-101	0.2	
242	Gold Nanoparticle-Incorporated Molecularly Imprinted Microgels as Radiation Sensitizers in Pancreatic Cancer.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 1177-1183	4.1	13
241	Innentitelbild: A Pretreatment-Free, Polymer-Based Platform Prepared by Molecular Imprinting and Post-Imprinting Modifications for Sensing Intact Exosomes (Angew. Chem. 6/2019). <i>Angewandte Chemie</i> , 2019 , 131, 1536-1536	3.6	
240	A Pretreatment-Free, Polymer-Based Platform Prepared by Molecular Imprinting and Post-Imprinting Modifications for Sensing Intact Exosomes. <i>Angewandte Chemie</i> , 2019 , 131, 1626-1629	3.6	10
239	Post-Imprinting-Modified Molecularly Imprinted Nanocavities with Two Synergetic, Orthogonal, Glycoprotein-Binding Sites to Transduce Binding Events into Fluorescence Changes. <i>ChemNanoMat</i> , 2019 , 5, 224-229	3.5	12
238	A Pretreatment-Free, Polymer-Based Platform Prepared by Molecular Imprinting and Post-Imprinting Modifications for Sensing Intact Exosomes. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 1612-1615	16.4	56
237	Molecularly Imprinted Nanocavities Capable of Ligand-Binding Domain and Size/Shape Recognition for Selective Discrimination of Vascular Endothelial Growth Factor Isoforms. <i>ACS Sensors</i> , 2018 , 3, 580-586	8.2	11
236	Size-dependent uptake of electrically neutral amphipathic polymeric nanoparticles by cell-sized liposomes and an insight into their internalization mechanism in living cells. <i>Chemical Communications</i> , 2018 , 54, 4557-4560	5.8	8
235	Temperature-induced recovery of a bioactive enzyme using polyglycerol dendrimers: correlation between bound water and protein interaction. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018 , 29, 701-715	3.5	4
234	Regulation of protein-binding activities of molecularly imprinted polymers via post-imprinting modifications to exchange functional groups within the imprinted cavity. <i>Journal of Molecular Recognition</i> , 2018 , 31, e2633	2.6	21
233	Beyond natural antibodies - a new generation of synthetic antibodies created by post-imprinting modification of molecularly imprinted polymers. <i>Chemical Communications</i> , 2018 , 54, 6243-6251	5.8	55
232	Morphology control of shell-crosslinked polymer particles prepared by photo-induced shell-selective crosslinking approach via dispersed state control. <i>Journal of Colloid and Interface Science</i> , 2018 , 530, 88-97	9.3	8
231	Regioselective Molecularly Imprinted Reaction Field for [4 + 4] Photocyclodimerization of 2-Anthracenecarboxylic Acid. <i>Langmuir</i> , 2017 , 33, 2103-2108	4	4
230	Crosslinked Network with Rotatable Binding Sites Based on Monocarboxylated β -Cyclodextrin [2]Rotaxane Capable of Angiotensin III Recognition. <i>Chemistry - A European Journal</i> , 2017 , 23, 4708-4712	4.8	1
229	Innentitelbild: Molecularly Imprinted Nanogels Acquire Stealth In Situ by Cloaking Themselves with Native Dysopsonic Proteins (Angew. Chem. 25/2017). <i>Angewandte Chemie</i> , 2017 , 129, 7110-7110	3.6	
228	Molecularly Imprinted Nanogels Acquire Stealth In Situ by Cloaking Themselves with Native Dysopsonic Proteins. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 7088-7092	16.4	89
227	Pipette tip biosensors for bacterial double-stranded DNA using bioluminescence induced by zinc finger luciferase. <i>Mikrochimica Acta</i> , 2017 , 184, 1595-1601	5.8	10
226	Molecularly Imprinted Nanogels Acquire Stealth In Situ by Cloaking Themselves with Native Dysopsonic Proteins. <i>Angewandte Chemie</i> , 2017 , 129, 7194-7198	3.6	25

225	Post-Cross-Linked Molecular Imprinting with Functional Polymers as a Universal Building Block for Artificial Polymeric Receptors. <i>Macromolecules</i> , 2017 , 50, 7526-7534	5.5	15
224	Oriented, molecularly imprinted cavities with dual binding sites for highly sensitive and selective recognition of cortisol. <i>Royal Society Open Science</i> , 2017 , 4, 170300	3.3	16
223	Fabrication of Redox-Responsive Degradable Capsule Particles by a Shell-Selective Photoinduced Cross-Linking Approach from Spherical Polymer Particles. <i>Chemistry - A European Journal</i> , 2017 , 23, 12870-12875	4.8	10
222	Antibody-Like Synthetic Molecular Recognition Thin Layers Fabricated by Molecular Imprinting Based on Specific Protein-Ligand Interactions. <i>Membrane</i> , 2017 , 42, 97-103	0	
221	Fluorescence signaling molecularly imprinted polymers for antibiotics prepared via site-directed post-imprinting introduction of plural fluorescent reporters within the recognition cavity. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 7138-7145	7.3	13
220	Molecularly imprinted polymers bearing spiropyran-based photoresponsive binding sites capable of photo-triggered switching for molecular recognition activity. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016 , 54, 1637-1644	2.6	9
219	Reflectometric interference spectroscopy-based sensing for evaluating biodegradability of polymeric thin films. <i>Acta Biomaterialia</i> , 2016 , 38, 163-7	10.8	7
218	A plasmonic chip-based bio/chemical hybrid sensing system for the highly sensitive detection of C-reactive protein. <i>Chemical Communications</i> , 2016 , 52, 3883-6	5.8	26
217	A molecularly imprinted nanocavity-based fluorescence polarization assay platform for cortisol sensing. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 1770-1777	7.3	27
216	AB0950 Leucine-Rich Alpha-2 Glycoprotein (LRG) as A Possible Urinary Marker for Lupus Nephritis. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 1226.2-1226	2.4	
215	Preparation of Multi-Functional Molecularly Imprinted Polymer Receptors via Post-Imprinting Modifications. <i>Kobunshi Ronbunshu</i> , 2016 , 73, 19-29	0	1
214	Molecularly Imprinted Tailor-Made Functional Polymer Receptors for Highly Sensitive and Selective Separation and Detection of Target Molecules. <i>Chromatography</i> , 2016 , 37, 43-64	1.2	47
213	OP0229 Both High Titer of RF/ACPA at Baseline Is Closely Linked with High Level of Baseline Plasma TNF Level Which Resulted in Low Drug Level and Low Clinical Response in Infliximab Treatment in RA Patients: Post-Hoc Analysis of A Double-Blind Clinical Study (Rising Study). <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 144.2-145	2.4	
212	Hydrophilic crosslinked-polymeric surface capable of effective suppression of protein adsorption. <i>Applied Surface Science</i> , 2016 , 378, 467-472	6.7	7
211	Efficient Pathway for Preparing Hollow Particles: Site-Specific Crosslinking of Spherical Polymer Particles with Photoresponsive Groups That Play a Dual Role in Shell Crosslinking and Core Shielding. <i>Langmuir</i> , 2016 , 32, 9245-53	4	14
210	A Programmable Signaling Molecular Recognition Nanocavity Prepared by Molecular Imprinting and Post-Imprinting Modifications. <i>Angewandte Chemie</i> , 2016 , 128, 13217-13221	3.6	12
209	A Programmable Signaling Molecular Recognition Nanocavity Prepared by Molecular Imprinting and Post-Imprinting Modifications. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 13023-13027	16.4	64
208	Synthesis of Monodispersed Submillimeter-Sized Molecularly Imprinted Particles Selective for Human Serum Albumin Using Inverse Suspension Polymerization in Water-in-Oil Emulsion Prepared Using Microfluidics. <i>Langmuir</i> , 2015 , 31, 4981-7	4	29

207	Post-imprinting and In-Cavity Functionalization. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2015 , 150, 95-106	1.7	15
206	Preparation of molecularly imprinted polymers for the recognition of proteins via the generation of peptide-fragment binding sites by semi-covalent imprinting and enzymatic digestion. <i>Analyst, The</i> , 2015 , 140, 1448-52	5	23
205	Synthesis of grafted phosphorylcholine polymer layers as specific recognition ligands for C-reactive protein focused on grafting density and thickness to achieve highly sensitive detection. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 9951-8	3.6	19
204	Amphiphilic Polymerizable Porphyrins Conjugated to a Polyglycerol Dendron Moiety as Functional Surfactants for Multifunctional Polymer Particles. <i>Langmuir</i> , 2015 , 31, 12903-10	4	3
203	Reflectometric interference spectroscopy-based immunosensing using immobilized antibody via His-tagged recombinant protein A. <i>Journal of Bioscience and Bioengineering</i> , 2015 , 119, 195-9	3.3	9
202	Molecularly imprinted protein recognition thin films constructed by controlled/living radical polymerization. <i>Journal of Bioscience and Bioengineering</i> , 2015 , 119, 200-5	3.3	30
201	Fluorescence Reporting of Binding Interactions of Target Molecules with Core/Shell-Type Cortisol-Imprinted Polymer Particles Using Environmentally Responsible Fluorescent-Labeled Cortisol. <i>Macromolecular Chemistry and Physics</i> , 2015 , 216, 1396-1404	2.6	12
200	AB0489 Leucine-Rich Alpha-2 Glycoprotein (LRG) as a Potential Disease Activity Marker During IL-6 Blockade in Autoimmune Arthritis. <i>Annals of the Rheumatic Diseases</i> , 2015 , 74, 1062.1-1062	2.4	
199	Molecularly Imprinted Polymer Arrays as Synthetic Protein Chips Prepared by Transcription-type Molecular Imprinting by Use of Protein-Immobilized Dots as Stamps. <i>Analytical Chemistry</i> , 2015 , 87, 11784-91	7.8	34
198	Two-layer reflectometric interference spectroscopy-based immunosensing for C-reactive protein. <i>Mikrochimica Acta</i> , 2015 , 182, 307-313	5.8	8
197	Localized surface plasmon resonance nanosensing of C-reactive protein with poly(2-methacryloyloxyethyl phosphorylcholine)-grafted gold nanoparticles prepared by surface-initiated atom transfer radical polymerization. <i>Analytical Chemistry</i> , 2014 , 86, 5587-94	7.8	60
196	Fluorescent protein-imprinted polymers capable of signal transduction of specific binding events prepared by a site-directed two-step post-imprinting modification. <i>Chemical Communications</i> , 2014 , 50, 1347-9	5.8	60
195	Precisely controlled molecular imprinting of glutathione-s-transferase by orientated template immobilization using specific interaction with an anchored ligand on a gold substrate. <i>Polymer Chemistry</i> , 2014 , 5, 4764-4771	4.9	46
194	Molecularly imprinted protein recognition cavities bearing exchangeable binding sites for postimprinting site-directed introduction of reporter molecules for readout of binding events. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 20003-9	9.5	37
193	Exploration of interactions between membrane proteins embedded in supported lipid bilayers and their antibodies by reflectometric interference spectroscopy-based sensing. <i>Analyst, The</i> , 2014 , 139, 6016-21	5	5
192	Synthesis of CO ₂ /N ₂ -triggered reversible stability-controllable poly(2-(diethylamino)ethyl methacrylate)-grafted-AuNPs by surface-initiated atom transfer radical polymerization. <i>Langmuir</i> , 2014 , 30, 12684-9	4	13
191	Conjugated-protein mimics with molecularly imprinted reconstructible and transformable regions that are assembled using space-filling prosthetic groups. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 12765-70	16.4	54
190	AB0148 Leucine-Rich Alpha-2 Glycoprotein is A Potential Disease Activity Marker under IL-6 Suppression in Autoimmune Arthritis. <i>Annals of the Rheumatic Diseases</i> , 2014 , 73, 852.2-852	2.4	

189	Molecularly Imprinted Polymers for Catechin Recognition Prepared Using Dummy-Template Molecules. <i>Chromatography</i> , 2014 , 35, 139-145	1.2	3
188	Conjugated-Protein Mimics with Molecularly Imprinted Reconstructible and Transformable Regions that are Assembled Using Space-Filling Prosthetic Groups. <i>Angewandte Chemie</i> , 2014 , 126, 12979-12984 ^{3,6}	3.6	12
187	Molecularly imprinted polymers prepared using protein-conjugated cleavable monomers followed by site-specific post-imprinting introduction of fluorescent reporter molecules. <i>Chemical Communications</i> , 2013 , 49, 8450-2	5.8	52
186	Simple immobilization of antibody in organic/inorganic hybrid thin films for immunosensing. <i>Biosensors and Bioelectronics</i> , 2013 , 43, 45-9	11.8	12
185	Supraparticles comprised of molecularly imprinted nanoparticles and modified gold nanoparticles as a nanosensor platform. <i>RSC Advances</i> , 2013 , 3, 25306	3.7	23
184	Hydrophilic molecularly imprinted polymers for bisphenol A prepared in aqueous solution. <i>Mikrochimica Acta</i> , 2013 , 180, 1387-1392	5.8	22
183	Fluorescent molecularly imprinted polymer thin films for specific protein detection prepared with dansyl ethylenediamine-conjugated O-acryloyl L-hydroxyproline. <i>Biosensors and Bioelectronics</i> , 2013 , 48, 113-9	11.8	54
182	Microfluidic reflectometric interference spectroscopy-based sensing for exploration of protein-protein interaction conditions. <i>Biosensors and Bioelectronics</i> , 2013 , 40, 247-51	11.8	13
181	FRI0200 Achievement of low disease activity (LDA) at 3 months predicts clinical remission (REM) at 1 year of infliximab (IFX) therapy in ra: post-hoc analysis of a randomized double-blind clinical study (rising study). <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, A439.3-A440	2.4	
180	FRI0208 The possibility and predictive factors of maintaining low disease activity and joint structure after discontinuation of infliximab in ra patients: results from 3-year experience of rrr study. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, A443.1-A443	2.4	1
179	OP0040 Adding Tocilizumab or Switching to Tocilizumab Monotherapy in RA Patients with Inadequate Response to Methotrexate: 24-Week Results from a Randomized Controlled Study (Surprise Study). <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, A62-A63	2.4	9
178	AB0586 104-weeks assessments of clinical and structural remission in rheumatoid arthritis patients with tocilizumab from the reaction study. <i>Annals of the Rheumatic Diseases</i> , 2013 , 71, 672.2-672	2.4	
177	SAT0140 Effectiveness of Abatacept Against Rheumatoid Arthritis in Daily Clinical Practice - Orbit Study. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, A629.1-A629	2.4	1
176	THU0155 The addition of another disease-modifying anti-rheumatic drug to methotrexate in place of infliximab improves the rate of infliximab-free sustained remission. <i>Annals of the Rheumatic Diseases</i> , 2013 , 71, 208.1-208	2.4	
175	SAT0100 Abatacept Biologic-Free Remission Study in Established Rheumatoid Arthritis Patients orion Study. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, A613-A613	2.4	6
174	Molecularly imprinted microspheres for bisphenol a prepared using a microfluidic device. <i>Analytical Sciences</i> , 2012 , 28, 457-61	1.7	10
173	Label-free detection of C-reactive protein using reflectometric interference spectroscopy-based sensing system. <i>Analytica Chimica Acta</i> , 2012 , 728, 64-8	6.6	36
172	Dummy Template-Imprinted Polymers for Bisphenol A Prepared Using a Schiff Base-Type Template Molecule with Post-Imprinting Oxidation. <i>Analytical Letters</i> , 2012 , 45, 1204-1213	2.2	16

171	Fabrication of carboxylated silicon nitride sensor chips for detection of antigen-antibody reaction using microfluidic reflectometric interference spectroscopy. <i>Langmuir</i> , 2012 , 28, 13609-15	4	25
170	SPR sensing of bisphenol A using molecularly imprinted nanoparticles immobilized on slab optical waveguide with consecutive parallel Au and Ag deposition bands coexistent with bisphenol A-immobilized Au nanoparticles. <i>Langmuir</i> , 2012 , 28, 7083-8	4	51
169	Protein imprinted TiO ₂ -coated quantum dots for fluorescent protein sensing prepared by liquid phase deposition. <i>Soft Matter</i> , 2011 , 7, 9681	3.6	22
168	Label-free detection of glycoproteins using reflectometric interference spectroscopy-based sensing system with upright episcopic illumination. <i>Analytical Methods</i> , 2011 , 3, 1366	3.2	16
167	Highly selective bisphenol A-imprinted polymers prepared by atom transfer radical polymerization. <i>Polymer Chemistry</i> , 2010 , 1, 1684	4.9	44
166	Fluorescent protein recognition polymer thin films capable of selective signal transduction of target binding events prepared by molecular imprinting with a post-imprinting treatment. <i>Biosensors and Bioelectronics</i> , 2010 , 26, 458-62	11.8	59
165	Flexible humidity sensor in a sandwich configuration with a hydrophilic porous membrane. <i>Sensors and Actuators B: Chemical</i> , 2009 , 142, 28-32	8.5	30
164	Molecularly imprinted tunable binding sites based on conjugated prosthetic groups and ion-paired cofactors. <i>Journal of the American Chemical Society</i> , 2009 , 131, 8833-8	16.4	60
163	Characteristic Fluorescence Behavior of Dialkynylpyrene Derivatives in Hydrophobic Cavity of Protein. <i>Chemistry Letters</i> , 2009 , 38, 84-85	1.7	2
162	A Molecularly Imprinted Polymer for the Reconstruction of a Molecular Recognition Region. <i>Chemistry Letters</i> , 2008 , 37, 1028-1029	1.7	18
161	Molecular imprinting of proteins emerging as a tool for protein recognition. <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 2459-67	3.9	133
160	l-Lysine-linked anthracenophane derived from thermodynamically controlled intermediates. <i>Tetrahedron Letters</i> , 2007 , 48, 3225-3228	2	4
159	Surface plasmon resonance sensor for lysozyme based on molecularly imprinted thin films. <i>Analytica Chimica Acta</i> , 2007 , 591, 63-7	6.6	70
158	Optimization of Functional Monomer Content in Protein-Imprinted Polymers. <i>Analytical Letters</i> , 2007 , 40, 2633-2640	2.2	10
157	Photoresponsive porphyrin-imprinted polymers prepared using a novel functional monomer having diaminopyridine and azobenzene moieties. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 2368-74	3.9	36
156	Protein profiling by protein imprinted polymer array. <i>Analyst, The</i> , 2007 , 132, 101-3	5	38
155	Protein-templated organic/inorganic hybrid materials prepared by liquid-phase deposition. <i>Journal of the American Chemical Society</i> , 2007 , 129, 10906-10	16.4	70
154	Atrazine transforming polymer prepared by molecular imprinting with post-imprinting process. <i>Organic and Biomolecular Chemistry</i> , 2006 , 4, 4469-73	3.9	25

- 153 Dopamine selective molecularly imprinted polymers via post-imprinting modification. *Organic and Biomolecular Chemistry*, **2006**, 4, 565-8 3.9 55
- 152 Atrazine-imprinted Microspheres Prepared Using a Microfluidic Device. *Chemistry Letters*, **2006**, 35, 588-589 23
- 151 Crystallized Protein-imprinted Polymer Chips. *Chemistry Letters*, **2006**, 35, 1030-1031 1.7 19
- 150 Fluorescent imprinted polymers prepared with 2-acrylamidoquinoline as a signaling monomer. *Organic Letters*, **2005**, 7, 359-62 6.2 56
- 149 179 Cord Blood Adiponectin, High Molecular Weight Form of Adiponectin and Leptin in Full-Term Neonates Are Positively Correlated with Anthropometric Para. *Pediatric Research*, **2005**, 58, 385-385 3.2
- 148 Bisphenol A analog-imprinted polymers prepared by an immobilized template on a modified silica microsphere matrix. *Analytical Sciences*, **2005**, 21, 1125-8 1.7 7
- 147 Molecularly Imprinted Polymers with Signaling Function Based on the UV-Vis Spectral Change by Diastereoselective Binding Events. *Bulletin of the Chemical Society of Japan*, **2005**, 78, 356-360 5.1 6
- 146 Multivariate Analysis and Experimental Design in the Screening of Combinatorial Libraries of Molecular Imprinted Polymers. *Bulletin of the Chemical Society of Japan*, **2005**, 78, 1354-1361 5.1 31
- 145 Synthesis of an extended hexagonal molecule as a highly symmetrical ligand. *Tetrahedron Letters*, **2005**, 46, 1739-1742 2 7
- 144 Molecularly imprinted polymers with halogen bonding-based molecular recognition sites. *Tetrahedron Letters*, **2005**, 46, 9025-9027 2 59
- 143 Signaling molecularly imprinted polymers: molecular recognition-based sensing materials. *Chemical Record*, **2005**, 5, 263-75 6.6 42
- 142 Corrigendum to Signaling molecularly imprinted polymers: molecular recognition-based sensing materials. *Chemical Record*, **2005**, 5, 410-411 6.6 3
- 141 Synthetic polymers adsorbing bisphenol A and its analogues prepared by covalent molecular imprinting using bisphenol A dimethacrylate as a template molecule. *Analytical and Bioanalytical Chemistry*, **2004**, 378, 1898-902 4.4 19
- 140 Chiral recognition of octadentate Na⁺ complex with tetra-armed cyclen by molecularly imprinted polymers. *Analytica Chimica Acta*, **2004**, 504, 137-140 6.6 14
- 139 Covalent molecular imprinting of bisphenol A using its diesters followed by the reductive cleavage with LiAlH₄. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2004**, 804, 197-201 3.2 18
- 138 Bisphenol A-recognition polymers prepared by covalent molecular imprinting. *Analytica Chimica Acta*, **2004**, 504, 131-135 6.6 78
- 137 Atrazine transformation using synthetic enzymes prepared by molecular imprinting. *Organic and Biomolecular Chemistry*, **2004**, 2, 2563-6 3.9 6
- 136 Atrazine sensor based on a nano chemical receptor modified electrode. *Bunseki Kagaku*, **2003**, 52, 1141-1146 3

135	Novel strategy for molecular imprinting of phenolic compounds utilizing disulfide templates. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003 , 30, 1943-7	3.5	33
134	Atrazine sensor based on molecularly imprinted polymer-modified gold electrode. <i>Analytical Chemistry</i> , 2003 , 75, 4882-6	7.8	113
133	Bisphenol A-recognition polymers prepared by covalent molecular imprinting. <i>Analytica Chimica Acta</i> , 2003 , 504, 131-131	6.6	
132	Multiple hydrogen bonding-based fluorescent imprinted polymers for cyclobarbitol prepared with 2,6-bis(acrylamido)pyridine. <i>Chemical Communications</i> , 2003 , 2792-3	5.8	23
131	Molecularly Imprinted Polymers as Signaling Materials. <i>Kobunshi</i> , 2003 , 52, 458-458		
130	2002 ,		42
129	Synthetic receptors prepared by organized assembly of organic molecules. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2002 , 21, 144-50		1
128	Molecular recognition by indoleacetic acid-imprinted polymers--effects of 2-hydroxyethyl methacrylate content. <i>Analytical and Bioanalytical Chemistry</i> , 2002 , 372, 305-7	4.4	10
127	Post-oxidative conversion of thiol residue to sulfonic acid in the binding sites of molecularly imprinted polymers: disulfide based covalent molecular imprinting for basic compounds. <i>Analyst, The</i> , 2002 , 127, 1407-9	5	33
126	Combinatorial Molecular Imprinting for Formation of Atrazine Decomposing Polymers. <i>Chemistry Letters</i> , 2001 , 30, 530-531	1.7	16
125	Growth and endocrine function during school age in very low-birth weight infants. <i>Pediatrics International</i> , 2001 , 43, 128-33	1.2	5
124	Surface plasmon resonance sensor using molecularly imprinted polymer for detection of sialic acid. <i>Biosensors and Bioelectronics</i> , 2001 , 16, 1059-62	11.8	116
123	Roles of the glutamate receptor epsilon2 and delta2 subunits in the potentiation and prepulse inhibition of the acoustic startle reflex. <i>European Journal of Neuroscience</i> , 2001 , 14, 153-60	3.5	42
122	Preparation of sterol-imprinted polymers with the use of 2-(methacryloyloxy)ethyl phosphate. <i>Journal of Chromatography A</i> , 2001 , 938, 131-5	4.5	28
121	Techniques for the in situ preparation of imprinted polymers. <i>Techniques and Instrumentation in Analytical Chemistry</i> , 2001 , 23, 325-340		3
120	MOLECULARLY IMPRINTED POLYMER LIBRARY ON A MICROTITER PLATE. HIGH THROUGHPUT SYNTHESIS AND ASSESSMENT OF CINCHONA ALKALOID IMPRINTED POLYMERS. <i>Instrumentation Science and Technology</i> , 2001 , 29, 1-9	1.4	25
119	Molecularly imprinted polymers with metalloporphyrin-based molecular recognition sites coassembled with methacrylic acid. <i>Analytical Chemistry</i> , 2001 , 73, 3869-74	7.8	76
118	Synthesis of 5-fluorouracil-imprinted polymers with multiple hydrogen bonding interactions. <i>Analyst, The</i> , 2001 , 126, 772-4	5	40

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