

S S Piletsky

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.

290
papers

15,668
citations

66
h-index

115
g-index

303
ext. papers

16,997
ext. citations

6.9
avg, IF

6.62
L-index

#	Paper	IF	Citations
290	Nano-molecularly imprinted polymers (nanoMIPs) as a novel approach to targeted drug delivery in nanomedicine.. <i>RSC Advances</i> , 2022 , 12, 3957-3968	3.7	3
289	Use of polymeric solid phase in synthesis of MIP nanoparticles for biotin. <i>Reactive and Functional Polymers</i> , 2022 , 170, 105109	4.6	0
288	A magnetic molecularly imprinted nanoparticle assay (MINA) for detection of pepsin. <i>Reactive and Functional Polymers</i> , 2022 , 170, 105133	4.6	0
287	Mass spectrometric detection of KRAS protein mutations using molecular imprinting. <i>Nanoscale</i> , 2021 ,	7.7	2
286	Snapshot imprinting: rapid identification of cancer cell surface proteins and epitopes using molecularly imprinted polymers. <i>Nano Today</i> , 2021 , 41, 101304	17.9	5
285	Carboxyl-fentanyl detection using optical fibre grating-based sensors functionalised with molecularly imprinted nanoparticles. <i>Biosensors and Bioelectronics</i> , 2021 , 177, 113002	11.8	4
284	Disposable paracetamol sensor based on electroactive molecularly imprinted polymer nanoparticles for plasma monitoring. <i>Sensors and Actuators B: Chemical</i> , 2021 , 329, 129128	8.5	14
283	Determination of sitagliptin in human plasma using a smart electrochemical sensor based on electroactive molecularly imprinted nanoparticles. <i>Nanoscale Advances</i> , 2021 , 3, 4276-4285	5.1	2
282	A novel sandwich method to prepare robust SPME polymer coating on glass slide with controllable thickness for direct analysis through fluorescence and MS imaging. <i>Progress in Organic Coatings</i> , 2021 , 151, 106076	4.8	2
281	Surface Plasmon Resonance Sensors Based on Molecularly Imprinted Polymers 2021 , 221-236		1
280	Molecularly imprinted nanoparticles-based assay (MINA) - detection of leukotrienes and insulin. <i>Analyst, The</i> , 2020 , 145, 4224-4232	5	10
279	Electrochemical determination of fumonisin B1 using a chemosensor with a recognition unit comprising molecularly imprinted polymer nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2020 , 321, 128552	8.5	16
278	Functionalized Core-Shell Yttrium Oxide Nanoparticles as Antioxidants Agents in Heat Stressed Rats. <i>Biological Trace Element Research</i> , 2020 , 198, 189-197	4.5	2
277	Synthetic Mechanism of Molecular Imprinting at the Solid Phase. <i>Macromolecules</i> , 2020 , 53, 1435-1442	5.5	14
276	Florfenicol Binding to Molecularly Imprinted Polymer Nanoparticles in Model and Real Samples. <i>Nanomaterials</i> , 2020 , 10,	5.4	6
275	Direct detection of small molecules using a nano-molecular imprinted polymer receptor and a quartz crystal resonator driven at a fixed frequency and amplitude. <i>Biosensors and Bioelectronics</i> , 2020 , 158, 112176	11.8	17
274	Generation of High-Affinity Molecularly Imprinted Nanoparticles for Protein Recognition via a Solid-Phase Synthesis Protocol. <i>Methods in Molecular Biology</i> , 2020 , 2073, 183-194	1.4	5

273	Molecularly Imprinted Polymers for Cell Recognition. <i>Trends in Biotechnology</i> , 2020 , 38, 368-387	15.1	86
272	Combinatorial screening of polymer nanoparticles for their ability to recognize epitopes of AAV-neutralizing antibodies. <i>Journal of Molecular Recognition</i> , 2020 , 33, e2824	2.6	1
271	Probing Peptide Sequences on Their Ability to Generate Affinity Sites in Molecularly Imprinted Polymers. <i>Langmuir</i> , 2020 , 36, 279-283	4	6
270	Sensor Based on Molecularly Imprinted Polymer Membranes and Smartphone for Detection of Contamination in Cereals. <i>Sensors</i> , 2020 , 20,	3.8	15
269	Generic sensor platform based on electro-responsive molecularly imprinted polymer nanoparticles (e-NanoMIPs). <i>Microsystems and Nanoengineering</i> , 2020 , 6, 83	7.7	10
268	A molecularly imprinted polymer based monolith pipette tip for solid-phase extraction of 2,4-dichlorophenoxyacetic acid in an aqueous sample. <i>Analytical Methods</i> , 2020 , 12, 4913-4921	3.2	4
267	Design and fabrication of a smart sensor using in silico epitope mapping and electro-responsive imprinted polymer nanoparticles for determination of insulin levels in human plasma. <i>Biosensors and Bioelectronics</i> , 2020 , 169, 112536	11.8	15
266	Biocompatibility and biodistribution of surface-modified yttrium oxide nanoparticles for potential theranostic applications. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 19095-19107	5.1	9
265	Electropolymerized o-Phenylenediamine on Graphite Promoting the Electrochemical Detection of NaFicillin. <i>Electroanalysis</i> , 2020 , 32, 135-141	3	7
264	Negative selection of MIPs to create high specificity ligands for glycated haemoglobin. <i>Sensors and Actuators B: Chemical</i> , 2019 , 301, 126967	8.5	4
263	Optimisation of the preservation conditions for molecularly imprinted polymer nanoparticles specific for trypsin. <i>Nanoscale Advances</i> , 2019 , 1, 3709-3714	5.1	12
262	Magnetic Molecularly Imprinted Polymer Particles Based Micro-Solid Phase Extraction for the Determination of 4-Nitrophenol in Lake Water. <i>Macromolecular Research</i> , 2019 , 27, 1089-1094	1.9	3
261	New protocol for optimisation of polymer composition for imprinting of peptides and proteins.. <i>RSC Advances</i> , 2019 , 9, 27849-27855	3.7	9
260	Molecularly Imprinted Nanoparticles Assay (MINA) in Pseudo ELISA: An Alternative to Detect and Quantify Octopamine in Water and Human Urine Samples. <i>Polymers</i> , 2019 , 11,	4.5	9
259	Epitope approach in molecular imprinting of antibodies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019 , 1124, 1-6	3.2	21
258	Size of Heparin-Imprinted Nanoparticles Reflects the Matched Interactions with the Target Molecule. <i>Sensors</i> , 2019 , 19,	3.8	6
257	Determination of Fumonisin B1 in maize using molecularly imprinted polymer nanoparticles-based assay. <i>Food Chemistry</i> , 2019 , 298, 125044	8.5	14
256	Electrochemical sensing of cocaine in real samples based on electrodeposited biomimetic affinity ligands. <i>Analyst, The</i> , 2019 , 144, 4639-4646	5	25

255	Synthesis and Application of Ion-Imprinted Nanoparticles in Electrochemical Sensors for Copper (II) Determination. <i>ChemNanoMat</i> , 2019 , 5, 754-760	3.5	10
254	Development of a smartphone-based biomimetic sensor for aflatoxin B1 detection using molecularly imprinted polymer membranes. <i>Talanta</i> , 2019 , 201, 204-210	6.2	58
253	Study of Epitope Imprinting for Small Templates: Preparation of NanoMIPs for Ochratoxin A. <i>ChemNanoMat</i> , 2019 , 5, 651-657	3.5	7
252	Detecting and targeting senescent cells using molecularly imprinted nanoparticles. <i>Nanoscale Horizons</i> , 2019 , 4, 757-768	10.8	38
251	Competitive pseudo-ELISA based on molecularly imprinted nanoparticles for microcystin-LR detection in water. <i>Pure and Applied Chemistry</i> , 2019 , 91, 1593-1604	2.1	4
250	Conductive imprinted polymers for the direct electrochemical detection of β -lactam antibiotics: The case of cefquinome. <i>Sensors and Actuators B: Chemical</i> , 2019 , 297, 126786	8.5	22
249	Modeling molecularly imprinted polymer mechanics 2019 , 51-75		2
248	Application of molecularly imprinted polymer nanoparticles for degradation of the bacterial autoinducer N-hexanoyl homoserine lactone. <i>Chemical Communications</i> , 2019 , 55, 2664-2667	5.8	9
247	NanoMIP-based approach for the suppression of interference signals in electrochemical sensors. <i>Analyst, The</i> , 2019 , 144, 7290-7295	5	5
246	Development of a homogenous assay based on fluorescent imprinted nanoparticles for analysis of nitroaromatic compounds. <i>Nano Research</i> , 2019 , 12, 3044-3050	10	8
245	Strategies for Molecular Imprinting and the Evolution of MIP Nanoparticles as Plastic Antibodies-Synthesis and Applications. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	56
244	Molecularly Imprinted Polymers in Electrochemical and Optical Sensors. <i>Trends in Biotechnology</i> , 2019 , 37, 294-309	15.1	248
243	Highly Efficient Synthesis and Assay of Protein-Imprinted Nanogels by Using Magnetic Templates. <i>Angewandte Chemie</i> , 2019 , 131, 737-740	3.6	4
242	Highly Efficient Abiotic Assay Formats for Methyl Parathion: Molecularly Imprinted Polymer Nanoparticle Assay as an Alternative to Enzyme-Linked Immunosorbent Assay. <i>Analytical Chemistry</i> , 2019 , 91, 958-964	7.8	28
241	Highly Efficient Synthesis and Assay of Protein-Imprinted Nanogels by Using Magnetic Templates. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 727-730	16.4	34
240	Solid phase extraction of Tocopherol and other physiologically active components from sunflower oil using rationally designed polymers. <i>Analytical Methods</i> , 2018 , 10, 314-321	3.2	5
239	Polymer platforms for selective detection of cocaine in street samples adulterated with levamisole. <i>Talanta</i> , 2018 , 186, 362-367	6.2	20
238	A novel capacitive sensor based on molecularly imprinted nanoparticles as recognition elements. <i>Biosensors and Bioelectronics</i> , 2018 , 120, 108-114	11.8	36

237	Theoretical aspects of peptide imprinting: screening of MIP (virtual) binding sites for their interactions with amino acids, di- and tripeptides. <i>Journal of the Chinese Advanced Materials Society</i> , 2018 , 6, 301-310			3
236	Solubility and size of polymer nanoparticles. <i>Polymer Chemistry</i> , 2018 , 9, 4566-4573	4.9		8
235	MIRATE: Mlps RAtional dEsign Science Gateway. <i>Journal of Integrative Bioinformatics</i> , 2018 , 15,	3.8		8
234	Recent advances in electrochemical sensors based on chiral and nano-sized imprinted polymers. <i>Current Opinion in Electrochemistry</i> , 2018 , 7, 146-152	7.2		28
233	Novel assay format for proteins based on magnetic molecularly imprinted polymer nanoparticles detection of pepsin. <i>Journal of the Chinese Advanced Materials Society</i> , 2018 , 6, 341-351			3
232	A Novel Assay Format as an Alternative to ELISA: MINA Test for Biotin. <i>ChemNanoMat</i> , 2018 , 4, 1214-1223	3.5		11
231	Molecularly imprinted polymer nanoparticle-based assay (MINA): application for fumonisin B1 determination. <i>Analyst, The</i> , 2018 , 143, 3481-3488	5		22
230	Application of the bespoke solid-phase extraction protocol for extraction of physiologically-active compounds from vegetable oils. <i>Talanta</i> , 2018 , 189, 157-165	6.2		6
229	Specific Drug Delivery to Cancer Cells with Double-Imprinted Nanoparticles against Epidermal Growth Factor Receptor. <i>Nano Letters</i> , 2018 , 18, 4641-4646	11.5		84
228	New immobilisation protocol for the template used in solid-phase synthesis of MIP nanoparticles. <i>Applied Surface Science</i> , 2017 , 406, 115-121	6.7		12
227	Replacement of Antibodies in Pseudo-ELISAs: Molecularly Imprinted Nanoparticles for Vancomycin Detection. <i>Methods in Molecular Biology</i> , 2017 , 1575, 389-398	1.4		12
226	Computational design of molecularly imprinted polymer for direct detection of melamine in milk. <i>Separation Science and Technology</i> , 2017 , 52, 1441-1453	2.5		33
225	A pseudo-ELISA based on molecularly imprinted nanoparticles for detection of gentamicin in real samples. <i>Analytical Methods</i> , 2017 , 9, 2853-2858	3.2		26
224	Biosensor-assisted selection of optimal parameters for designing molecularly imprinted polymers selective to phosmet insecticide. <i>Talanta</i> , 2017 , 174, 414-419	6.2		11
223	In Vivo Recognition of Human Vascular Endothelial Growth Factor by Molecularly Imprinted Polymers. <i>Nano Letters</i> , 2017 , 17, 2307-2312	11.5		87
222	Development of molecularly imprinted polymers specific for blood antigens for application in antibody-free blood typing. <i>Chemical Communications</i> , 2017 , 53, 1793-1796	5.8		20
221	Biomimetic Silica Nanoparticles Prepared by a Combination of Solid-Phase Imprinting and Ostwald Ripening. <i>Scientific Reports</i> , 2017 , 7, 11537	4.9		15
220	Modulation of Quorum Sensing in a Gram-Positive Pathogen by Linear Molecularly Imprinted Polymers with Anti-infective Properties. <i>Angewandte Chemie</i> , 2017 , 129, 16782-16785	3.6		7

219	Modulation of Quorum Sensing in a Gram-Positive Pathogen by Linear Molecularly Imprinted Polymers with Anti-infective Properties. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 16555-16558	16.4	21
218	Development of a computationally-designed polymeric adsorbent specific for mycotoxin patulin. <i>Analyst, The</i> , 2017 , 142, 4678-4683	5	11
217	Fluorescent sensor systems based on nanostructured polymeric membranes for selective recognition of Aflatoxin B1. <i>Talanta</i> , 2017 , 175, 101-107	6.2	36
216	Development of competitive pseudo-ELISA assay for measurement of cocaine and its metabolites using molecularly imprinted polymer nanoparticles. <i>Analytical Methods</i> , 2017 , 9, 4592-4598	3.2	20
215	Preliminary evaluation of military, commercial and novel skin decontamination products against a chemical warfare agent simulant (methyl salicylate). <i>Cutaneous and Ocular Toxicology</i> , 2016 , 35, 137-44	1.8	15
214	The use of a quartz crystal microbalance as an analytical tool to monitor particle/surface and particle/particle interactions under dry ambient and pressurized conditions: a study using common inhaler components. <i>Analyst, The</i> , 2016 , 142, 229-236	5	6
213	A comparison of the performance of molecularly imprinted polymer nanoparticles for small molecule targets and antibodies in the ELISA format. <i>Scientific Reports</i> , 2016 , 6, 37638	4.9	73
212	Biocompatibility and internalization of molecularly imprinted nanoparticles. <i>Nano Research</i> , 2016 , 9, 3463-3477	10	45
211	Computational approaches in the design of synthetic receptors - A review. <i>Analytica Chimica Acta</i> , 2016 , 936, 62-74	6.6	100
210	In Silico Synthesis of Synthetic Receptors: A Polymerization Algorithm. <i>Macromolecular Rapid Communications</i> , 2016 , 37, 2011-2016	4.8	11
209	Fluorescence-based assay as a new screening tool for toxic chemicals. <i>Scientific Reports</i> , 2016 , 6, 33922	4.9	11
208	Virtual Screening of Receptor Sites for Molecularly Imprinted Polymers. <i>Macromolecular Bioscience</i> , 2016 , 16, 1170-4	5.5	9
207	Does size matter? Study of performance of pseudo-ELISAs based on molecularly imprinted polymer nanoparticles prepared for analytes of different sizes. <i>Analyst, The</i> , 2016 , 141, 1405-12	5	34
206	Molecularly Imprinted Polymers for Enzyme-like Catalysis: Principle, Design, and Applications 2016 , 1-17		5
205	Solid-phase synthesis of molecularly imprinted nanoparticles. <i>Nature Protocols</i> , 2016 , 11, 443-55	18.8	198
204	Solid-phase synthesis of electroactive nanoparticles of molecularly imprinted polymers. A novel platform for indirect electrochemical sensing applications. <i>Sensors and Actuators B: Chemical</i> , 2016 , 229, 174-180	8.5	61
203	Oxytetracycline recovery from aqueous media using computationally designed molecularly imprinted polymers. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 6845-56	4.4	16
202	NanoMIP based optical sensor for pharmaceuticals monitoring. <i>Sensors and Actuators B: Chemical</i> , 2015 , 213, 305-313	8.5	69

201	Novel linear polymers able to inhibit bacterial quorum sensing. <i>Macromolecular Bioscience</i> , 2015 , 15, 647-56	5.5	21
200	Magnetic high throughput screening system for the development of nano-sized molecularly imprinted polymers for controlled delivery of curcumin. <i>Analyst, The</i> , 2015 , 140, 3113-20	5	39
199	Development of label-free impedimetric platform based on new conductive polyaniline polymer and three-dimensional interdigitated electrode array for biosensor applications. <i>Electrochimica Acta</i> , 2015 , 173, 59-66	6.7	16
198	Analytical methods for determination of mycotoxins: An update (2009-2014). <i>Analytica Chimica Acta</i> , 2015 , 901, 12-33	6.6	156
197	Development of MIP sensor for monitoring propofol in clinical procedures. <i>Journal of the Chinese Advanced Materials Society</i> , 2015 , 3, 149-160		7
196	Analysis of cooperative interactions in molecularly imprinted polymer nanoparticles. <i>Molecular Imprinting</i> , 2015 , 3, 55-64		5
195	Molecularly Imprinted High Affinity Nanoparticles for 4-Ethylphenol Sensing. <i>Procedia Engineering</i> , 2015 , 120, 1132-1136		6
194	Detection of Waterborne Viruses Using High Affinity Molecularly Imprinted Polymers. <i>Analytical Chemistry</i> , 2015 , 87, 6801-7	7.8	126
193	Computational Design and Fabrication of Optical Fibre Fluorescent Chemical Probes for the Detection of Cocaine. <i>Journal of Lightwave Technology</i> , 2015 , 33, 2572-2579	4	10
192	Introducing MINA--The Molecularly Imprinted Nanoparticle Assay. <i>Small</i> , 2014 , 10, 1086-9	11	33
191	Molecularly imprinted polymer cartridges coupled to high performance liquid chromatography (HPLC-UV) for simple and rapid analysis of fenthion in olive oil. <i>Talanta</i> , 2014 , 125, 313-8	6.2	40
190	Molecular modelling and synthesis of a polymer for the extraction of amiloride and triamterene from human urine. <i>Analytical Methods</i> , 2014 , 6, 3429-3435	3.2	12
189	A Catalytic and Shape-Memory Polymer Reactor. <i>Advanced Functional Materials</i> , 2014 , 24, 4996-5001	15.6	34
188	Size matters: Challenges in imprinting macromolecules. <i>Progress in Polymer Science</i> , 2014 , 39, 145-163	29.6	167
187	Automatic reactor for solid-phase synthesis of molecularly imprinted polymeric nanoparticles (MIP NPs) in water. <i>RSC Advances</i> , 2014 , 4, 4203-4206	3.7	65
186	Selective vancomycin detection using optical fibre long period gratings functionalised with molecularly imprinted polymer nanoparticles. <i>Analyst, The</i> , 2014 , 139, 2229-36	5	46
185	Microplates with enhanced immobilization capabilities controlled by a magnetic field. <i>Journal of the Chinese Advanced Materials Society</i> , 2014 , 2, 118-129		9
184	Electrochemical impedimetric sensor based on molecularly imprinted polymers/sol-gel chemistry for methidathion organophosphorous insecticide recognition. <i>Talanta</i> , 2014 , 130, 294-8	6.2	54

183	Engineered magnetic nanoparticles for biomedical applications. <i>Advanced Healthcare Materials</i> , 2014 , 3, 160-75	10.1	38
182	Optimisation of the synthesis of vancomycin-selective molecularly imprinted polymer nanoparticles using automatic photoreactor. <i>Nanoscale Research Letters</i> , 2014 , 9, 154	5	23
181	Optical biosensors based on universal pH indicator as a reporter for quantification of clinically relevant compounds. <i>Journal of the Chinese Advanced Materials Society</i> , 2014 , 2, 99-109		2
180	Influence of surface-imprinted nanoparticles on trypsin activity. <i>Advanced Healthcare Materials</i> , 2014 , 3, 1426-9	10.1	42
179	Colorimetric biomimetic sensor systems based on molecularly imprinted polymer membranes for highly-selective detection of phenol in environmental samples. <i>Biopolymers and Cell</i> , 2014 , 30, 209-215	0.3	15
178	Grafting of molecularly imprinted polymer to porous polyethylene filtration membranes by plasma polymerization. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 6489-96	4.4	12
177	PEG-stabilized core-shell surface-imprinted nanoparticles. <i>Langmuir</i> , 2013 , 29, 9891-6	4	45
176	Enantioselective extraction of (+)-(-)-citalopram and its main metabolites using a tailor-made stir bar chiral imprinted polymer for their LC-ESI-MS/MS quantitation in urine samples. <i>Talanta</i> , 2013 , 116, 448-53	6.2	16
175	Direct replacement of antibodies with molecularly imprinted polymer nanoparticles in ELISA--development of a novel assay for vancomycin. <i>Analytical Chemistry</i> , 2013 , 85, 8462-8	7.8	163
174	Computational Design and Preparation of MIPs for Atrazine Recognition on a Conjugated Polymer-Coated Microtiter Plate. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 13910-13916	3.9	15
173	Polymeric nanoparticles for optical sensing. <i>Biotechnology Advances</i> , 2013 , 31, 1585-99	17.8	97
172	Computational and experimental investigation of molecular imprinted polymers for selective extraction of dimethoate and its metabolite omethoate from olive oil. <i>Journal of Chromatography A</i> , 2013 , 1274, 13-8	4.5	48
171	Extraction of salbutamol using co-sintered molecularly imprinted polymers as a new format of solid-phase extraction. <i>Analytical Methods</i> , 2013 , 5, 6954	3.2	5
170	A successive-reaction nanoreactor made of active molecularly imprinted polymer containing Ag nanoparticles. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 15102	13	25
169	Synthesis of Monodisperse Polymeric Nano- and Microparticles and Their Application in Bioanalysis 2013 , 131-154		
168	Development of optical immunosensors for detection of proteins in serum. <i>Talanta</i> , 2013 , 103, 260-6	6.2	15
167	Development of the protocol for purification of artemisinin based on combination of commercial and computationally designed adsorbents. <i>Journal of Separation Science</i> , 2013 , 36, 400-6	3.4	19
166	Optimisation of experimental conditions for synthesis of high affinity MIP nanoparticles. <i>European Polymer Journal</i> , 2013 , 49, 100-105	5.2	35

165	Solid-Phase Synthesis of Molecularly Imprinted Polymer Nanoparticles with a Reusable Template - "Plastic Antibodies". <i>Advanced Functional Materials</i> , 2013 , 23, 2821-2827	15.6	245
164	Surface-modified multifunctional MIP nanoparticles. <i>Nanoscale</i> , 2013 , 5, 3733-41	7.7	71
163	Molecularly Imprinted Polymers: Promising Advanced Materials for In Vivo Sensing. <i>Neuromethods</i> , 2013 , 369-384	0.4	2
162	Hierachically Structured Hollow Silica Spheres for High Efficiency Immobilization of Enzymes. <i>Advanced Functional Materials</i> , 2013 , 23, 2162-2167	15.6	87
161	Colorimetric test-systems for creatinine detection based on composite molecularly imprinted polymer membranes. <i>Analytica Chimica Acta</i> , 2013 , 770, 161-8	6.6	41
160	Molecularly Imprinted Polymer-Hybrid Electrochemical Sensor for the Detection of Æstradiol. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 13917-13923	3.9	62
159	Ice matrix in reconfigurable microfluidic systems. <i>Laser Physics</i> , 2013 , 23, 075605	1.2	4
158	Custom synthesis of polymeric adsorbent for extraction of furosemide and bumetanide from human urine. <i>Journal of the Chinese Advanced Materials Society</i> , 2013 , 1, 245-256		1
157	Rational design and development of affinity adsorbents for analytical and biopharmaceutical applications. <i>Journal of the Chinese Advanced Materials Society</i> , 2013 , 1, 229-244		4
156	MIP sensors--the electrochemical approach. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 402, 1827-46	4.4	279
155	MIP-based Sensors 2012 , 339-354		12
154	Computational Approaches in the Design of Synthetic Receptors. <i>Springer Series on Chemical Sensors and Biosensors</i> , 2012 , 131-165	2	5
153	Plastic Antibodies. <i>Springer Series on Chemical Sensors and Biosensors</i> , 2012 , 105-129	2	2
152	Rational design and synthesis of water-compatible molecularly imprinted polymers for selective solid phase extraction of amiodarone. <i>Analytica Chimica Acta</i> , 2012 , 709, 98-104	6.6	66
151	Molecular imprinting solid phase extraction for selective detection of methidathion in olive oil. <i>Analytica Chimica Acta</i> , 2012 , 734, 99-105	6.6	39
150	Development of a new microtiter plate format for clinically relevant assays. <i>Analytical Chemistry</i> , 2012 , 84, 2038-43	7.8	11
149	Rational design of molecularly imprinted polymer: the choice of cross-linker. <i>Analyst, The</i> , 2012 , 137, 2623-8	5	40
148	Application of a molecularly imprinted polymer for the extraction of kukoamine a from potato peels. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 95-9	5.7	24

147	Cubic Molecularly Imprinted Polymer Nanoparticles with a Fluorescent Core. <i>Angewandte Chemie</i> , 2012 , 124, 5286-5289	3.6	6
146	Cubic molecularly imprinted polymer nanoparticles with a fluorescent core. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 5196-9	16.4	58
145	The rational development of molecularly imprinted polymer-based sensors for protein detection. <i>Chemical Society Reviews</i> , 2011 , 40, 1547-71	58.5	570
144	Conjugated Polymers with Pendant Iniferter Units: Versatile Materials for Grafting. <i>Macromolecules</i> , 2011 , 44, 1856-1865	5.5	20
143	Optical assay for biotechnology and clinical diagnosis. <i>IEEE Transactions on Biomedical Engineering</i> , 2011 , 58,	5	9
142	On/off-switchable catalysis by a smart enzyme-like imprinted polymer. <i>Journal of Catalysis</i> , 2011 , 278, 173-180	7.3	51
141	Chiral imprinted polymers as enantiospecific coatings of stir bar sorptive extraction devices. <i>Biosensors and Bioelectronics</i> , 2011 , 28, 25-32	11.8	43
140	A Zipper-Like On/Off-Switchable Molecularly Imprinted Polymer. <i>Advanced Functional Materials</i> , 2011 , 21, 3344-3349	15.6	52
139	Microplates with adaptive surfaces. <i>ACS Combinatorial Science</i> , 2011 , 13, 646-52	3.9	6
138	Passive control of quorum sensing: prevention of <i>Pseudomonas aeruginosa</i> biofilm formation by imprinted polymers. <i>Biomacromolecules</i> , 2011 , 12, 1067-71	6.9	47
137	One-Dimensional Polyaniline Nanotubes for Enhanced Chemical and Biochemical Sensing. <i>Lecture Notes in Electrical Engineering</i> , 2011 , 311-315	0.2	3
136	Size matters: influence of the size of nanoparticles on their interactions with ligands immobilized on the solid surface. <i>Langmuir</i> , 2010 , 26, 3783-5	4	23
135	Attenuation of <i>Vibrio fischeri</i> quorum sensing using rationally designed polymers. <i>Biomacromolecules</i> , 2010 , 11, 975-80	6.9	38
134	Towards the development of a rapid, portable, surface enhanced Raman spectroscopy based cleaning verification system for the drug nelarabine. <i>Journal of Pharmacy and Pharmacology</i> , 2010 , 62, 1195-200	4.8	13
133	The application of polythiol molecules for protein immobilisation on sensor surfaces. <i>Biosensors and Bioelectronics</i> , 2010 , 25, 1049-55	11.8	28
132	Synthesis of controlled polymeric cross-linked coatings via iniferter polymerisation in the presence of tetraethyl thiuram disulphide chain terminator. <i>Biosensors and Bioelectronics</i> , 2010 , 25, 2149-55	11.8	21
131	Synthesis of 2-(diethylamino)ethyl methacrylate-based polymers: Effect of crosslinking degree, porogen and solvent on the textural properties and protein adsorption performance. <i>Reactive and Functional Polymers</i> , 2010 , 70, 890-899	4.6	14
130	Advances in the manufacture of MIP nanoparticles. <i>Trends in Biotechnology</i> , 2010 , 28, 629-37	15.1	274

129	A sulfur-sulfur cross-linked polymer synthesized from a polymerizable dithiocarbamate as a source of dormant radicals. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 4075-8	16.4	13
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