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List of Publications by Citations

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	Analytical methods for determination of mycotoxins: a review. *Analytica Chimica Acta*, **2009**, 632, 168-80	6.6	600
289	The rational development of molecularly imprinted polymer-based sensors for protein detection. *Chemical Society Reviews*, **2011**, 40, 1547-71	58.5	570
288	Molecularly imprinted polymers for the recognition of proteins: the state of the art. *Biosensors and Bioelectronics*, **2007**, 22, 1131-7	11.8	438
287	Electrochemical sensor for catechol and dopamine based on a catalytic molecularly imprinted polymer-conducting polymer hybrid recognition element. *Analytical Chemistry*, **2009**, 81, 3576-84	7.8	333
286	Surface-grafted molecularly imprinted polymers for protein recognition. *Analytical Chemistry*, **2001**, 73, 5281-6	7.8	321
285	MIP sensors--the electrochemical approach. *Analytical and Bioanalytical Chemistry*, **2012**, 402, 1827-46	4.4	279
284	Advances in the manufacture of MIP nanoparticles. *Trends in Biotechnology*, **2010**, 28, 629-37	15.1	274
283	Rational design of a polymer specific for microcystin-LR using a computational approach. *Analytical Chemistry*, **2002**, 74, 1288-93	7.8	251
282	Molecularly Imprinted Polymers in Electrochemical and Optical Sensors. *Trends in Biotechnology*, **2019**, 37, 294-309	15.1	248
281	Recognition of ephedrine enantiomers by molecularly imprinted polymers designed using a computational approach. *Analyst, The*, **2001**, 126, 1826-1830	5	246
280	Solid-Phase Synthesis of Molecularly Imprinted Polymer Nanoparticles with a Reusable Template - "Plastic Antibodies". *Advanced Functional Materials*, **2013**, 23, 2821-2827	15.6	245
279	Electropolymerized Molecularly Imprinted Polymers as Receptor Layers in Capacitive Chemical Sensors. *Analytical Chemistry*, **1999**, 71, 4609-4613	7.8	236
278	Receptor and transport properties of imprinted polymer membranes □ a review. *Journal of Membrane Science*, **1999**, 157, 263-278	9.6	222
277	Ammonia sensors based on sensitive polyaniline films. *Sensors and Actuators B: Chemical*, **1996**, 37, 135-140	7.1	210
276	Solid-phase synthesis of molecularly imprinted nanoparticles. *Nature Protocols*, **2016**, 11, 443-55	18.8	198
275	How to find effective functional monomers for effective molecularly imprinted polymers?. *Advanced Drug Delivery Reviews*, **2005**, 57, 1795-808	18.5	195
274	Surface Functionalization of Porous Polypropylene Membranes with Molecularly Imprinted Polymers by Photograft Copolymerization in Water. *Macromolecules*, **2000**, 33, 3092-3098	5.5	189

273	Size matters: Challenges in imprinting macromolecules. *Progress in Polymer Science*, **2014**, 39, 145-163	29.6	167
272	Substitution of antibodies and receptors with molecularly imprinted polymers in enzyme-linked and fluorescent assays. *Biosensors and Bioelectronics*, **2001**, 16, 701-7	11.8	164
271	Molecular imprinting: at the edge of the third millennium. *Trends in Biotechnology*, **2001**, 19, 9-12	15.1	164
270	Direct replacement of antibodies with molecularly imprinted polymer nanoparticles in ELISA--development of a novel assay for vancomycin. *Analytical Chemistry*, **2013**, 85, 8462-8	7.8	163
269	Imprinted Membranes for Sensor Technology: Opposite Behavior of Covalently and Noncovalently Imprinted Membranes. *Macromolecules*, **1998**, 31, 2137-2140	5.5	162
268	Selective recognition of atrazine by molecularly imprinted polymer membranes. Development of conductometric sensor for herbicides detection. *Analytica Chimica Acta*, **1999**, 392, 105-111	6.6	162
267	Atrazine sensing by molecularly imprinted membranes. *Biosensors and Bioelectronics*, **1995**, 10, 959-964	11.8	158
266	Analytical methods for determination of mycotoxins: An update (2009-2014). *Analytica Chimica Acta*, **2015**, 901, 12-33	6.6	156
265	MIP-based solid phase extraction cartridges combined with MIP-based sensors for the detection of microcystin-LR. *Biosensors and Bioelectronics*, **2003**, 18, 119-27	11.8	153
264	Surface plasmon resonance sensor for domoic acid based on grafted imprinted polymer. *Biosensors and Bioelectronics*, **2004**, 20, 145-52	11.8	152
263	"Bite-and-Switch" approach using computationally designed molecularly imprinted polymers for sensing of creatinine. *Biosensors and Bioelectronics*, **2001**, 16, 631-7	11.8	150
262	Study of the nature of recognition in molecularly imprinted polymers, II. *Journal of Chromatography A*, **1999**, 848, 39-49	4.5	147
261	Molecularly imprinted polymer membranes for substance-selective solid-phase extraction from water by surface photo-grafting polymerization. *Journal of Chromatography A*, **2001**, 907, 89-99	4.5	146
260	Chemical grafting of molecularly imprinted homopolymers to the surface of microplates. Application of artificial adrenergic receptor in enzyme-linked assay for beta-agonists determination. *Analytical Chemistry*, **2000**, 72, 4381-5	7.8	140
259	Optical detection of chloramphenicol using molecularly imprinted polymers. *Analytical Chemistry*, **1997**, 69, 2017-21	7.8	134
258	Optical interrogation of molecularly imprinted polymers and development of MIP sensors: a review. *Analytical and Bioanalytical Chemistry*, **2005**, 382, 947-56	4.4	127
257	Detection of Waterborne Viruses Using High Affinity Molecularly Imprinted Polymers. *Analytical Chemistry*, **2015**, 87, 6801-7	7.8	126
256	Surface imprinted beads for the recognition of human serum albumin. *Biosensors and Bioelectronics*, **2007**, 22, 2322-8	11.8	124

255	Effect of the solvent on recognition properties of molecularly imprinted polymer specific for ochratoxin A. *Biosensors and Bioelectronics*, **2004**, 20, 1060-7	11.8	123
254	Combined Hydrophobic and Electrostatic Interaction-Based Recognition in Molecularly Imprinted Polymers. *Macromolecules*, **1999**, 32, 633-636	5.5	123
253	Molecularly imprinted polymers in clinical diagnostics--future potential and existing problems. *Medical Engineering and Physics*, **2006**, 28, 971-7	2.4	121
252	In Vitro Diagnostics in Diabetes: Meeting the Challenge. *Clinical Chemistry*, **1999**, 45, 1596-1601	5.5	119
251	Conductimetric sensor for atrazine detection based on molecularly imprinted polymer membranes. *Analyst, The*, **1999**, 124, 331-334	5	113
250	Development of a sensor prepared by entrapment of MIP particles in electrosynthesised polymer films for electrochemical detection of ephedrine. *Biosensors and Bioelectronics*, **2008**, 23, 1152-6	11.8	106
249	An assay for ascorbic acid based on polyaniline-coated microplates. *Analytical Chemistry*, **2000**, 72, 4296-300	7.8	104
248	Computational design and synthesis of molecularly imprinted polymers with high binding capacity for pharmaceutical applications-model case: Adsorbent for abacavir. *Analytica Chimica Acta*, **2006**, 559, 73-78	6.6	102
247	Molecularly imprinted self-assembled films with specificity to cholesterol. *Sensors and Actuators B: Chemical*, **1999**, 60, 216-220	8.5	101
246	Computational approaches in the design of synthetic receptors - A review. *Analytica Chimica Acta*, **2016**, 936, 62-74	6.6	100
245	Application of natural receptors in sensors and assays. *Analytical Chemistry*, **2002**, 74, 3942-51	7.8	99
244	Polymeric nanoparticles for optical sensing. *Biotechnology Advances*, **2013**, 31, 1585-99	17.8	97
243	Polymer Cookery: Influence of Polymerization Conditions on the Performance of Molecularly Imprinted Polymers. *Macromolecules*, **2002**, 35, 7499-7504	5.5	96
242	A spreader-bar approach to molecular architecture: formation of stable artificial chemoreceptors. *Angewandte Chemie - International Edition*, **1999**, 38, 1108-10	16.4	93
241	A Polyaniline with Near-Infrared Optical Response to Saccharides. *Advanced Materials*, **1999**, 11, 865-868	24	92
240	In Vivo Recognition of Human Vascular Endothelial Growth Factor by Molecularly Imprinted Polymers. *Nano Letters*, **2017**, 17, 2307-2312	11.5	87
239	Hierachically Structured Hollow Silica Spheres for High Efficiency Immobilization of Enzymes. *Advanced Functional Materials*, **2013**, 23, 2162-2167	15.6	87
238	Catalytic molecularly imprinted polymer membranes: development of the biomimetic sensor for phenols detection. *Analytica Chimica Acta*, **2010**, 659, 274-9	6.6	86

237	Molecularly Imprinted Polymers for Cell Recognition. *Trends in Biotechnology*, **2020**, 38, 368-387	15.1	86
236	Influence of initiator and different polymerisation conditions on performance of molecularly imprinted polymers. *Biosensors and Bioelectronics*, **2006**, 22, 381-7	11.8	84
235	Specific Drug Delivery to Cancer Cells with Double-Imprinted Nanoparticles against Epidermal Growth Factor Receptor. *Nano Letters*, **2018**, 18, 4641-4646	11.5	84
234	Influence of the Polymerization Conditions on the Performance of Molecularly Imprinted Polymers. *Macromolecules*, **2009**, 42, 4921-4928	5.5	83
233	Selection of imprinted nanoparticles by affinity chromatography. *Biosensors and Bioelectronics*, **2009**, 24, 2740-3	11.8	76
232	Design of molecular imprinted polymers compatible with aqueous environment. *Analytica Chimica Acta*, **2008**, 607, 54-60	6.6	75
231	A comparison of the performance of molecularly imprinted polymer nanoparticles for small molecule targets and antibodies in the ELISA format. *Scientific Reports*, **2016**, 6, 37638	4.9	73
230	A Biomimetic Receptor System for Sialic Acid Based on Molecular Imprinting. *Analytical Letters*, **1996**, 29, 157-170	2.2	72
229	Surface-modified multifunctional MIP nanoparticles. *Nanoscale*, **2013**, 5, 3733-41	7.7	71
228	NanoMIP based optical sensor for pharmaceuticals monitoring. *Sensors and Actuators B: Chemical*, **2015**, 213, 305-313	8.5	69
227	A molecularly imprinted polymer for carbaryl determination in water. *Sensors and Actuators B: Chemical*, **2007**, 123, 798-804	8.5	69
226	Quasi-monodimensional polyaniline nanostructures for enhanced molecularly imprinted polymer-based sensing. *Biosensors and Bioelectronics*, **2010**, 26, 497-503	11.8	67
225	Sensors for low-weight organic molecules based on molecular imprinting technique. *Sensors and Actuators B: Chemical*, **1994**, 19, 629-631	8.5	67
224	Rational design and synthesis of water-compatible molecularly imprinted polymers for selective solid phase extraction of amiodarone. *Analytica Chimica Acta*, **2012**, 709, 98-104	6.6	66
223	Porous molecularly imprinted polymer membranes and polymeric particles. *Analytica Chimica Acta*, **2007**, 582, 311-9	6.6	66
222	Automatic reactor for solid-phase synthesis of molecularly imprinted polymeric nanoparticles (MIP NPs) in water. *RSC Advances*, **2014**, 4, 4203-4206	3.7	65
221	Optimization of Hydrophilic Interaction Liquid Chromatography/Mass Spectrometry and Development of Solid-Phase Extraction for the Determination of Paralytic Shellfish Poisoning Toxins. *Journal of AOAC INTERNATIONAL*, **2008**, 91, 1372-1386	1.7	64
220	In Situ Formation of Porous Molecularly Imprinted Polymer Membranes. *Macromolecules*, **2003**, 36, 7352-7357	5.5	64

219	Custom synthesis of molecular imprinted polymers for biotechnological application. *Analytica Chimica Acta*, **2004**, 504, 123-130	6.6	63
218	Molecularly Imprinted Polymer-Hybrid Electrochemical Sensor for the Detection of Estradiol. *Industrial & Engineering Chemistry Research*, **2013**, 52, 13917-13923	3.9	62
217	Virtual imprinting as a tool to design efficient MIPs for photosynthesis-inhibiting herbicides. *Biosensors and Bioelectronics*, **2007**, 22, 1948-54	11.8	62
216	Controlled release of the herbicide simazine from computationally designed molecularly imprinted polymers. *Journal of Controlled Release*, **2005**, 108, 132-9	11.7	62
215	Solid-phase synthesis of electroactive nanoparticles of molecularly imprinted polymers. A novel platform for indirect electrochemical sensing applications. *Sensors and Actuators B: Chemical*, **2016**, 229, 174-180	8.5	61
214	Optical Detection System for Triazine Based on Molecularly-Imprinted Polymers. *Analytical Letters*, **1997**, 30, 445-455	2.2	61
213	Integration of photosynthetic biosensor with molecularly imprinted polymer-based solid phase extraction cartridge. *Analytica Chimica Acta*, **2006**, 569, 50-57	6.6	61
212	A multi-biosensor based on immobilized Photosystem II on screen-printed electrodes for the detection of herbicides in river water. *Biosensors and Bioelectronics*, **2005**, 20, 1984-92	11.8	61
211	Piezoelectric sensors based on molecular imprinted polymers for detection of low molecular mass analytes. *FEBS Journal*, **2007**, 274, 5471-80	5.7	60
210	Gate effect of theophylline-imprinted polymers grafted to the cellulose by living radical polymerization. *Journal of Membrane Science*, **2004**, 233, 169-173	9.6	59
209	Development of a smartphone-based biomimetic sensor for aflatoxin B1 detection using molecularly imprinted polymer membranes. *Talanta*, **2019**, 201, 204-210	6.2	58
208	Cubic molecularly imprinted polymer nanoparticles with a fluorescent core. *Angewandte Chemie - International Edition*, **2012**, 51, 5196-9	16.4	58
207	Immunosensor for okadaic acid using quartz crystal microbalance. *Analytica Chimica Acta*, **2002**, 471, 33-40	6.6	58
206	Biosensors for marine pollution research, monitoring and control. *Marine Pollution Bulletin*, **2002**, 45, 24-34	6.7	57
205	Computational modeling and molecular imprinting for the development of acrylic polymers with high affinity for bile salts. *Analytica Chimica Acta*, **2010**, 659, 178-85	6.6	56
204	Substrate-selective polymeric membranes. Selective transfer of nucleic acids components. *Biopolymers and Cell*, **1990**, 6, 55-58	0.3	56
203	Strategies for Molecular Imprinting and the Evolution of MIP Nanoparticles as Plastic Antibodies-Synthesis and Applications. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	56
202	Electrochemical impedimetric sensor based on molecularly imprinted polymers/sol-gel chemistry for methidathion organophosphorous insecticide recognition. *Talanta*, **2014**, 130, 294-8	6.2	54

201	Spectroscopic studies of the molecular imprinting self-assembly process. *Journal of Molecular Recognition*, **1998**, 11, 83-6	2.6	54
200	Polymer Cookery: Influence of Polymerization Time and Different Initiation Conditions on Performance of Molecularly Imprinted Polymers. *Macromolecules*, **2005**, 38, 1410-1414	5.5	53
199	A Zipper-Like On/Off-Switchable Molecularly Imprinted Polymer. *Advanced Functional Materials*, **2011**, 21, 3344-3349	15.6	52
198	Biotin-specific synthetic receptors prepared using molecular imprinting. *Analytica Chimica Acta*, **2004**, 504, 179-183	6.6	52
197	Surface functionalization of porous polypropylene membranes with polyaniline for protein immobilization. *Biotechnology and Bioengineering*, **2003**, 82, 86-92	4.9	52
196	The use of molecularly imprinted polymers for extraction of sulfonylurea herbicides. *Analytica Chimica Acta*, **2005**, 542, 97-103	6.6	52
195	On/off switchable catalysis by a smart enzyme-like imprinted polymer. *Journal of Catalysis*, **2011**, 278, 173-180	7.3	51
194	Towards the development of multisensor for drugs of abuse based on molecular imprinted polymers. *Analytica Chimica Acta*, **2005**, 542, 111-117	6.6	51
193	Computational and experimental investigation of molecular imprinted polymers for selective extraction of dimethoate and its metabolite omethoate from olive oil. *Journal of Chromatography A* , **2013**, 1274, 13-8	4.5	48
192	Fabrication of molecularly imprinted polymer microarray on a chip by mid-infrared laser pulse initiated polymerisation. *Biosensors and Bioelectronics*, **2008**, 23, 1769-75	11.8	48
191	Passive control of quorum sensing: prevention of Pseudomonas aeruginosa biofilm formation by imprinted polymers. *Biomacromolecules*, **2011**, 12, 1067-71	6.9	47
190	Molecular Imprinting of Polymers		47
189	Selective vancomycin detection using optical fibre long period gratings functionalised with molecularly imprinted polymer nanoparticles. *Analyst, The*, **2014**, 139, 2229-36	5	46
188	Biocompatibility and internalization of molecularly imprinted nanoparticles. *Nano Research*, **2016**, 9, 3463-3477	10	45
187	PEG-stabilized core-shell surface-imprinted nanoparticles. *Langmuir*, **2013**, 29, 9891-6	4	45
186	Polymer Cookery. 2. Influence of Polymerization Pressure and Polymer Swelling on the Performance of Molecularly Imprinted Polymers. *Macromolecules*, **2004**, 37, 5018-5022	5.5	44
185	Chiral imprinted polymers as enantiospecific coatings of stir bar sorptive extraction devices. *Biosensors and Bioelectronics*, **2011**, 28, 25-32	11.8	43
184	Analysis of skin tissues spatial fluorescence distribution by the Monte Carlo simulation. *Journal Physics D: Applied Physics*, **2003**, 36, 1722-1728	3	43

183	Adaptation of the molecular imprinted polymers towards polar environment. *Analytica Chimica Acta*, **2005**, 542, 47-51	6.6	43
182	Influence of surface-imprinted nanoparticles on trypsin activity. *Advanced Healthcare Materials*, **2014**, 3, 1426-9	10.1	42
181	Preliminary evaluation of new polymer matrix for solid-phase extraction of nonylphenol from water samples. *Analytica Chimica Acta*, **2008**, 612, 99-104	6.6	42
180	Hydrogen peroxide sensitive enzyme sensor based on phthalocyanine thin film. *Analytica Chimica Acta*, **1999**, 391, 289-297	6.6	42
179	Colorimetric test-systems for creatinine detection based on composite molecularly imprinted polymer membranes. *Analytica Chimica Acta*, **2013**, 770, 161-8	6.6	41
178	The rational use of hydrophobic effect-based recognition in molecularly imprinted polymers. *Journal of Molecular Recognition*, **1998**, 11, 94-7	2.6	41
177	Thylakoid membranes-based test-system for detecting of trace quantities of the photosynthesis-inhibiting herbicides in drinking water. *Analytica Chimica Acta*, **1999**, 391, 1-7	6.6	41
176	Molecularly imprinted polymer cartridges coupled to high performance liquid chromatography (HPLC-UV) for simple and rapid analysis of fenthion in olive oil. *Talanta*, **2014**, 125, 313-8	6.2	40
175	Rational design of molecularly imprinted polymer: the choice of cross-linker. *Analyst, The*, **2012**, 137, 2623-8	5	40
174	Recognition of conformational changes in beta-lactoglobulin by molecularly imprinted thin films. *Biomacromolecules*, **2007**, 8, 2781-7	6.9	40
173	Magnetic high throughput screening system for the development of nano-sized molecularly imprinted polymers for controlled delivery of curcumin. *Analyst, The*, **2015**, 140, 3113-20	5	39
172	Molecular imprinting solid phase extraction for selective detection of methidathion in olive oil. *Analytica Chimica Acta*, **2012**, 734, 99-105	6.6	39
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170	Engineered magnetic nanoparticles for biomedical applications. *Advanced Healthcare Materials*, **2014**, 3, 160-75	10.1	38
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167	Application of non-specific fluorescent dyes for monitoring enantio-selective ligand binding to molecularly imprinted polymers. *FreseniuspJournal of Analytical Chemistry*, **1999**, 364, 512-516		38
166	Composite polyaniline/calixarene Langmuir - Blodgett films for gas sensing. *Nanotechnology*, **1996**, 7, 315-319	3.4	38

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164	Fluorescent sensor systems based on nanostructured polymeric membranes for selective recognition of Aflatoxin B1. *Talanta*, **2017**, 175, 101-107	6.2	36
163	Optimisation of experimental conditions for synthesis of high affinity MIP nanoparticles. *European Polymer Journal*, **2013**, 49, 100-105	5.2	35
162	Does size matter? Study of performance of pseudo-ELISAs based on molecularly imprinted polymer nanoparticles prepared for analytes of different sizes. *Analyst, The*, **2016**, 141, 1405-12	5	34
161	A Catalytic and Shape-Memory Polymer Reactor. *Advanced Functional Materials*, **2014**, 24, 4996-5001	15.6	34
160	Bite-and-Switch Approach to Creatine Recognition by Use of Molecularly Imprinted Polymers. *Advanced Materials*, **2000**, 12, 722-724	24	34
159	Highly Efficient Synthesis and Assay of Protein-Imprinted Nanogels by Using Magnetic Templates. *Angewandte Chemie - International Edition*, **2019**, 58, 727-730	16.4	34
158	Computational design of molecularly imprinted polymer for direct detection of melamine in milk. *Separation Science and Technology*, **2017**, 52, 1441-1453	2.5	33
157	Introducing MINA--The Molecularly Imprinted Nanoparticle Assay. *Small*, **2014**, 10, 1086-9	11	33
156	Capillary electrophoresis coupled to biosensor detection. *Journal of Chromatography A*, **2000**, 892, 143-53	4.5	32
155	Comparison of thin-layer and bulk MIPs synthesized by photoinitiated in situ crosslinking polymerization from the same reaction mixtures. *Journal of Applied Polymer Science*, **2005**, 98, 362-372	2.9	30
154	The application of polythiol molecules for protein immobilisation on sensor surfaces. *Biosensors and Bioelectronics*, **2010**, 25, 1049-55	11.8	28
153	Application of molecularly imprinted polymers in sensors for the environment and biotechnology. *Sensor Review*, **2001**, 21, 292-296	1.4	28
152	Highly Efficient Abiotic Assay Formats for Methyl Parathion: Molecularly Imprinted Polymer Nanoparticle Assay as an Alternative to Enzyme-Linked Immunosorbent Assay. *Analytical Chemistry*, **2019**, 91, 958-964	7.8	28
151	Recent advances in electrochemical sensors based on chiral and nano-sized imprinted polymers. *Current Opinion in Electrochemistry*, **2018**, 7, 146-152	7.2	28
150	New reactive polymer for protein immobilisation on sensor surfaces. *Biosensors and Bioelectronics*, **2009**, 24, 1365-71	11.8	27
149	Properties of poly-aminophenylboronate coatings in capillary electrophoresis for the selective separation of diastereoisomers and glycoproteins. *Journal of Chromatography A*, **2004**, 1023, 297-303	4.5	27
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147	□Lactamase label-based potentiometric biosensor for □2 interferon detection. *Analytica Chimica Acta*, **1999**, 390, 73-81	6.6	27
146	A pseudo-ELISA based on molecularly imprinted nanoparticles for detection of gentamicin in real samples. *Analytical Methods*, **2017**, 9, 2853-2858	3.2	26
145	Electrochemical sensing of cocaine in real samples based on electrodeposited biomimetic affinity ligands. *Analyst, The*, **2019**, 144, 4639-4646	5	25
144	A successive-reaction nanoreactor made of active molecularly imprinted polymer containing Ag nanoparticles. *Journal of Materials Chemistry A*, **2013**, 1, 15102	13	25
143	Development of the custom polymeric materials specific for aflatoxin B1 and ochratoxin A for application with the ToxiQuant T1 sensor tool. *Journal of Chromatography A*, **2010**, 1217, 2543-7	4.5	25
142	Application of a molecularly imprinted polymer for the extraction of kukoamine a from potato peels. *Journal of Agricultural and Food Chemistry*, **2012**, 60, 95-9	5.7	24
141	Photochemical polymerization of thiophene derivatives in aqueous solution. *Chemical Communications*, **2004**, 2222-3	5.8	24
140	Optimisation of the synthesis of vancomycin-selective molecularly imprinted polymer nanoparticles using automatic photoreactor. *Nanoscale Research Letters*, **2014**, 9, 154	5	23
139	Size matters: influence of the size of nanoparticles on their interactions with ligands immobilized on the solid surface. *Langmuir*, **2010**, 26, 3783-5	4	23
138	Data on the structure and recognition properties of the template-selective binding sites in semi-IPN-based molecularly imprinted polymer membranes. *Materials Science and Engineering C*, **2008**, 28, 1472-1479	8.3	23
137	Conductive imprinted polymers for the direct electrochemical detection of □lactam antibiotics: The case of cefquinome. *Sensors and Actuators B: Chemical*, **2019**, 297, 126786	8.5	22
136	Dyes assay for measuring physicochemical parameters. *Analytical Chemistry*, **2009**, 81, 2311-6	7.8	22
135	Chimeric polymers formed from a monomer capable of free radical, oxidative and electrochemical polymerisation. *Chemical Communications*, **2009**, 2759-61	5.8	22
134	Molecularly imprinted polymer nanoparticle-based assay (MINA): application for fumonisin B1 determination. *Analyst, The*, **2018**, 143, 3481-3488	5	22
133	Epitope approach in molecular imprinting of antibodies. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2019**, 1124, 1-6	3.2	21
132	Novel linear polymers able to inhibit bacterial quorum sensing. *Macromolecular Bioscience*, **2015**, 15, 647-56	5.5	21
131	Modulation of Quorum Sensing in a Gram-Positive Pathogen by Linear Molecularly Imprinted Polymers with Anti-infective Properties. *Angewandte Chemie - International Edition*, **2017**, 56, 16555-16558	16.4	21
130	Synthesis of controlled polymeric cross-linked coatings via iniferter polymerisation in the presence of tetraethyl thiuram disulphide chain terminator. *Biosensors and Bioelectronics*, **2010**, 25, 2149-55	11.8	21

129	Development of molecularly imprinted polymers specific for blood antigens for application in antibody-free blood typing. *Chemical Communications*, **2017**, 53, 1793-1796	5.8	20
128	Polymer platforms for selective detection of cocaine in street samples adulterated with levamisole. *Talanta*, **2018**, 186, 362-367	6.2	20
127	Development of competitive pseudo-ELISA assay for measurement of cocaine and its metabolites using molecularly imprinted polymer nanoparticles. *Analytical Methods*, **2017**, 9, 4592-4598	3.2	20
126	Conjugated Polymers with Pendant Iniferter Units: Versatile Materials for Grafting. *Macromolecules*, **2011**, 44, 1856-1865	5.5	20
125	Interactions between heavy metals and photosynthetic materials studied by optical techniques. *Bioelectrochemistry*, **2009**, 77, 19-25	5.6	20
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123	Development of a piezoelectric sensor for the detection of methamphetamine. *Analyst, The*, **2009**, 134, 1565-70	5	19
122	Influence of continuous magnetic field on the separation of ephedrine enantiomers by molecularly imprinted polymers. *Biosensors and Bioelectronics*, **2008**, 23, 1189-94	11.8	18
121	Repartition effect of aromatic polyaniline coatings on the separation of bioactive peptides in capillary electrophoresis. *Electrophoresis*, **2002**, 23, 203-8	3.6	18
120	Development of an integrated capillary electrophoresis/sensor for L-ascorbic acid detection. *Electrophoresis*, **2002**, 23, 209-14	3.6	18
119	A new reactive polymer suitable for covalent immobilisation and monitoring of primary amines. *Polymer*, **2001**, 42, 3603-3608	3.9	18
118	Direct detection of small molecules using a nano-molecular imprinted polymer receptor and a quartz crystal resonator driven at a fixed frequency and amplitude. *Biosensors and Bioelectronics*, **2020**, 158, 112176	11.8	17
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116	Development of label-free impedimetric platform based on new conductive polyaniline polymer and three-dimensional interdigitated electrode array for biosensor applications. *Electrochimica Acta*, **2015**, 173, 59-66	6.7	16
115	Electrochemical determination of fumonisin B1 using a chemosensor with a recognition unit comprising molecularly imprinted polymer nanoparticles. *Sensors and Actuators B: Chemical*, **2020**, 321, 128552	8.5	16
114	Enantioselective extraction of (+)-(S)-citalopram and its main metabolites using a tailor-made stir bar chiral imprinted polymer for their LC-ESI-MS/MS quantitation in urine samples. *Talanta*, **2013**, 116, 448-53	6.2	16
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