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List of Publications by Year
in descending order

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60 papers	3,444 citations	136950 32 h-index	138484 58 g-index
62 all docs	62 docs citations	62 times ranked	3104 citing authors

#	Article	IF	Citations
1	Molecularly Imprinted Nanoparticles (NanoMIPs) Selective for Proteins: Optimization of a Protocol for Solid-Phase Synthesis Using Automatic Chemical Reactor. Polymers, 2021, 13, 314.	4.5	9
2	Solid-phase synthesis of imprinted nanoparticles as artificial antibodies against the C-terminus of the cannabinoid CB1 receptor: exploring a viable alternative for bioanalysis. Mikrochimica Acta, 2021, 188, 368.	5.0	7
3	Sensor based on electrosynthesised imprinted polymeric film for rapid and trace detection of copper(II) ions. Sensors and Actuators B: Chemical, 2020, 307, 127648.	7.8	46
4	Probing Peptide Sequences on Their Ability to Generate Affinity Sites in Molecularly Imprinted Polymers. Langmuir, 2020, 36, 279-283.	3.5	10
5	Florfenicol Binding to Molecularly Imprinted Polymer Nanoparticles in Model and Real Samples. Nanomaterials, 2020, 10, 306.	4.1	12
6	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.	10.1	26
7	Negative selection of MIPs to create high specificity ligands for glycated haemoglobin. Sensors and Actuators B: Chemical, 2019, 301, 126967.	7.8	9
8	Epitope approach in molecular imprinting of antibodies. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1124, 1-6.	2.3	41
9	Novel assay format for proteins based on magnetic molecularly imprinted polymer nanoparticlesâ€"detection of pepsin. Journal of the Chinese Advanced Materials Society, 2018, 6, 341-351.	0.7	5
10	Specific Drug Delivery to Cancer Cells with Double-Imprinted Nanoparticles against Epidermal Growth Factor Receptor. Nano Letters, 2018, 18, 4641-4646.	9.1	128
11	A novel capacitive sensor based on molecularly imprinted nanoparticles as recognition elements. Biosensors and Bioelectronics, 2018, 120, 108-114.	10.1	48
12	Computational design of molecularly imprinted polymer for direct detection of melamine in milk. Separation Science and Technology, 2017, 52, 1441-1453.	2.5	41
13	A pseudo-ELISA based on molecularly imprinted nanoparticles for detection of gentamicin in real samples. Analytical Methods, 2017, 9, 2853-2858.	2.7	30
14	Molecularly imprinted nanoparticles grafted to porous silica as chiral selectors in liquid chromatography. Journal of Chromatography A, 2017, 1508, 53-64.	3.7	28
15	Biomimetic Silica Nanoparticles Prepared by a Combination of Solid-Phase Imprinting and Ostwald Ripening. Scientific Reports, 2017, 7, 11537.	3.3	20
16	Modulation of Quorum Sensing in a Gramâ€Positive Pathogen by Linear Molecularly Imprinted Polymers with Antiâ€infective Properties. Angewandte Chemie, 2017, 129, 16782-16785.	2.0	10
17	Modulation of Quorum Sensing in a Gramâ€Positive Pathogen by Linear Molecularly Imprinted Polymers with Antiâ€infective Properties. Angewandte Chemie - International Edition, 2017, 56, 16555-16558.	13.8	39
18	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.	3.3	94

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19	Biocompatibility and internalization of molecularly imprinted nanoparticles. Nano Research, 2016, 9, 3463-3477.	10.4	61
20	Solid-phase synthesis of molecularly imprinted nanoparticles. Nature Protocols, 2016, 11, 443-455.	12.0	282
21	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.	7.8	73
22	Preliminary evaluation of military, commercial and novel skin decontamination products against a chemical warfare agent simulant (methyl salicylate). Cutaneous and Ocular Toxicology, 2016, 35, 137-144.	1.3	18
23	Analysis of cooperative interactions in molecularly imprinted polymer nanoparticles. Molecular Imprinting, 2015, 3, 55-64.	1.8	7
24	Detection of Waterborne Viruses Using High Affinity Molecularly Imprinted Polymers. Analytical Chemistry, 2015, 87, 6801-6807.	6.5	157
25	NanoMIP based optical sensor for pharmaceuticals monitoring. Sensors and Actuators B: Chemical, 2015, 213, 305-313.	7.8	84
26	Molecularly imprinted polymers as a tool for the study of the 4-ethylphenol metabolic pathway in red wines. Journal of Chromatography A, 2015, 1410, 164-172.	3.7	20
27	Influence of Surfaceâ€Imprinted Nanoparticles on Trypsin Activity. Advanced Healthcare Materials, 2014, 3, 1426-1429.	7.6	54
28	Introducing MINA â€“ The Molecularly Imprinted Nanoparticle Assay. Small, 2014, 10, 1086-1089.	10.0	37
29	Direct potentiometric quantification of histamine using solid-phase imprinted nanoparticles as recognition elements. Biosensors and Bioelectronics, 2014, 58, 138-144.	10.1	85
30	Automatic reactor for solid-phase synthesis of molecularly imprinted polymeric nanoparticles (MIP) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.6	84
31	Selective vancomycin detection using optical fibre long period gratings functionalised with molecularly imprinted polymer nanoparticles. Analyst, The, 2014, 139, 2229-2236.	3.5	61
32	Microplates with enhanced immobilization capabilities controlled by a magnetic field. Journal of the Chinese Advanced Materials Society, 2014, 2, 118-129.	0.7	9
33	A molecular imprinted polymer based sensor for measuring phosphate in wastewater samples. Water Science and Technology, 2014, 69, 48-54.	2.5	18
34	Optimisation of the synthesis of vancomycin-selective molecularly imprinted polymer nanoparticles using automatic photoreactor. Nanoscale Research Letters, 2014, 9, 154.	5.7	26
35	Conductance based sensing and analysis of soluble phosphates in wastewater. Biosensors and Bioelectronics, 2014, 52, 173-179.	10.1	18
36	PEG-Stabilized Coreâ€“Shell Surface-Imprinted Nanoparticles. Langmuir, 2013, 29, 9891-9896.	3.5	51

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37	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, 448-453.	5.5	17
38	Direct Replacement of Antibodies with Molecularly Imprinted Polymer Nanoparticles in ELISAâ€"Development of a Novel Assay for Vancomycin. Analytical Chemistry, 2013, 85, 8462-8468.	6.5	186
39	Rational design and chromatographic evaluation of histamine imprinted polymers optimised for solid-phase extraction of wine samples. Journal of Chromatography A, 2013, 1308, 45-51.	3.7	18
40	Extraction of salbutamol using co-sintered molecularly imprinted polymers as a new format of solid-phase extraction. Analytical Methods, 2013, 5, 6954.	2.7	7
41	Development of optical immunosensors for detection of proteins in serum. Talanta, 2013, 103, 260-266.	5.5	17
42	Optimisation of experimental conditions for synthesis of high affinity MIP nanoparticles. European Polymer Journal, 2013, 49, 100-105.	5.4	45
43	Solidâ€Phase Synthesis of Molecularly Imprinted Polymer Nanoparticles with a Reusable Templateâ€“â€œPlastic Antibodiesâ€• Advanced Functional Materials, 2013, 23, 2821-2827.	14.9	313
44	Surface-modified multifunctional MIP nanoparticles. Nanoscale, 2013, 5, 3733.	5.6	79
45	Sensing and analysis of soluble phosphates in environmental samples: A review. Biosensors and Bioelectronics, 2013, 41, 1-11.	10.1	211
46	Cubic Molecularly Imprinted Polymer Nanoparticles with a Fluorescent Core. Angewandte Chemie - International Edition, 2012, 51, 5196-5199.	13.8	61
47	Conjugated Polymers with Pendant Iniferter Units: Versatile Materials for Grafting. Macromolecules, 2011, 44, 1856-1865.	4.8	20
48	Chiral imprinted polymers as enantiospecific coatings of stir bar sorptive extraction devices. Biosensors and Bioelectronics, 2011, 28, 25-32.	10.1	47
49	Removal of heavy metals using different polymer matrixes as support for bacterial immobilisation. Journal of Hazardous Materials, 2011, 191, 277-286.	12.4	35
50	Synthesis of 2-(diethylamino)ethyl methacrylate-based polymers. Reactive and Functional Polymers, 2010, 70, 890-899.	4.1	15
51	Macroradical initiated polymerisation of acrylic and methacrylic monomers. Journal of Separation Science, 2009, 32, 3340-3346.	2.5	7
52	The stabilisation of receptor structure in low cross-linked MIPs by an immobilised template. Soft Matter, 2009, 5, 311-317.	2.7	15
53	Chimeric polymers formed from a monomer capable of free radical, oxidative and electrochemical polymerisation. Chemical Communications, 2009, , 2759.	4.1	22
54	Preliminary evaluation of new polymer matrix for solid-phase extraction of nonylphenol from water samples. Analytica Chimica Acta, 2008, 612, 99-104.	5.4	47

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55	Virtual imprinting as a tool to design efficient MIPs for photosynthesis-inhibiting herbicides. Biosensors and Bioelectronics, 2007, 22, 1948-1954.	10.1	66
56	Influence of initiator and different polymerisation conditions on performance of molecularly imprinted polymers. Biosensors and Bioelectronics, 2006, 22, 381-387.	10.1	97
57	How to find effective functional monomers for effective molecularly imprinted polymers?. Advanced Drug Delivery Reviews, 2005, 57, 1795-1808.	13.7	229
58	Comparison of thin-layer and bulk MIPs synthesized by photoinitiatedin situ crosslinking polymerization from the same reaction mixtures. Journal of Applied Polymer Science, 2005, 98, 362-372.	2.6	31
59	Polymer Cookery:Â Influence of Polymerization Time and Different Initiation Conditions on Performance of Molecularly Imprinted Polymers. Macromolecules, 2005, 38, 1410-1414.	4.8	61
60	Polymer Cookery. 2. Influence of Polymerization Pressure and Polymer Swelling on the Performance of Molecularly Imprinted Polymers. Macromolecules, 2004, 37, 5018-5022.	4.8	49