

Karsten Haupt

List of Publications by Citations

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171
papers

11,059
citations

54
h-index

101
g-index

186
ext. papers

12,142
ext. citations

8.6
avg, IF

6.72
L-index

#	Paper	IF	Citations
171	Molecularly imprinted polymers and their use in biomimetic sensors. <i>Chemical Reviews</i> , 2000 , 100, 2495-504	5.4	1836
170	A rapid-screening approach to detect and quantify microplastics based on fluorescent tagging with Nile Red. <i>Scientific Reports</i> , 2017 , 7, 44501	4.9	326
169	Molecularly imprinted polymers in analytical chemistry. <i>Analyst, The</i> , 2001 , 126, 747-56	5	318
168	Molecularly imprinted polymers: the next generation. <i>Analytical Chemistry</i> , 2003 , 75, 376A-383A	7.8	309
167	Molecularly imprinted polymers as antibody and receptor mimics for assays, sensors and drug discovery. <i>Analytical and Bioanalytical Chemistry</i> , 2004 , 378, 1887-97	4.4	263
166	The Use of Immobilized Templates-A New Approach in Molecular Imprinting. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 2115-2118	16.4	248
165	Imprinted polymers-tailor-made mimics of antibodies and receptors. <i>Chemical Communications</i> , 2003 , 171-8	5.8	227
164	Assay system for the herbicide 2,4-dichlorophenoxyacetic Acid using a molecularly imprinted polymer as an artificial recognition element. <i>Analytical Chemistry</i> , 1998 , 70, 628-31	7.8	226
163	Molecularly imprinted microgels as enzyme inhibitors. <i>Journal of the American Chemical Society</i> , 2009 , 131, 14699-702	16.4	225
162	Plastic antibodies: developments and applications. <i>Trends in Biotechnology</i> , 1998 , 16, 468-75	15.1	216
161	Imprinted polymer-based sensor system for herbicides using differential-pulse voltammetry on screen-printed electrodes. <i>Analytical Chemistry</i> , 1999 , 71, 3698-702	7.8	198
160	Photopolymerization and photostructuring of molecularly imprinted polymers for sensor applications--a review. <i>Analytica Chimica Acta</i> , 2012 , 717, 7-20	6.6	176
159	Molecularly imprinted polymers: synthetic receptors in bioanalysis. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 398, 2481-92	4.4	168
158	Influence of functional and cross-linking monomers and the amount of template on the performance of molecularly imprinted polymers in binding assays. <i>Analytical Communications</i> , 1999 , 36, 167-170		147
157	New configurations and applications of molecularly imprinted polymers. <i>Journal of Chromatography A</i> , 2000 , 889, 15-24	4.5	140
156	Chemiluminescence imaging ELISA using an imprinted polymer as the recognition element instead of an antibody. <i>Analytical Chemistry</i> , 2001 , 73, 487-91	7.8	138
155	Solid-phase synthesis of molecularly imprinted nanoparticles for protein recognition. <i>Chemical Communications</i> , 2013 , 49, 6746-8	5.8	137

154	Herbicide Assay Using an Imprinted Polymer-Based System Analogous to Competitive Fluoroimmunoassays. <i>Analytical Chemistry</i> , 1998 , 70, 3936-3939	7.8	125
153	Imprinted polymer-based enantioselective acoustic sensor using a quartz crystal microbalance. <i>Analytical Communications</i> , 1999 , 36, 391		123
152	Molecularly Imprinted Polymers and Infrared Evanescent Wave Spectroscopy. A Chemical Sensors Approach. <i>Analytical Chemistry</i> , 1999 , 71, 4786-4791	7.8	120
151	Magnetic Molecularly Imprinted Polymer Nanocomposites via Surface-Initiated RAFT Polymerization. <i>Advanced Functional Materials</i> , 2011 , 21, 3947-3953	15.6	119
150	Molecularly imprinted polymer for metsulfuron-methyl and its binding characteristics for sulfonyleurea herbicides. <i>Analytica Chimica Acta</i> , 2002 , 468, 217-227	6.6	119
149	Molecularly Imprinted Polymers: Antibody Mimics for Bioimaging and Therapy. <i>Chemical Reviews</i> , 2020 , 120, 9554-9582	68.1	116
148	A Simple Method for Spin-Coating Molecularly Imprinted Polymer Films of Controlled Thickness and Porosity. <i>Advanced Materials</i> , 2004 , 16, 719-722	24	115
147	Tracking Hyaluronan: Molecularly Imprinted Polymer Coated Carbon Dots for Cancer Cell Targeting and Imaging. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 3305-3313	9.5	111
146	Molecularly Imprinted Polymer Coated Quantum Dots for Multiplexed Cell Targeting and Imaging. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 8244-8	16.4	110
145	Molecularly imprinted polymer nanomaterials and nanocomposites by controlled/living radical polymerization. <i>Progress in Polymer Science</i> , 2016 , 62, 1-21	29.6	108
144	Multivalent iminosugars to modulate affinity and selectivity for glycosidases. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 357-63	3.9	107
143	An enzyme-linked molecularly imprinted sorbent assay. <i>Analyst, The</i> , 2000 , 125, 13-16	5	105
142	Versatile synthetic strategy for coating upconverting nanoparticles with polymer shells through localized photopolymerization by using the particles as internal light sources. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 8919-23	16.4	103
141	Molecularly imprinted polymers. <i>Topics in Current Chemistry</i> , 2012 , 325, 1-28		91
140	Separation of immunoglobulin G from human serum by pseudobioaffinity chromatography using immobilized L-histidine in hollow fibre membranes. <i>Biomedical Applications</i> , 1995 , 667, 57-67		88
139	Protein-size molecularly imprinted polymer nanogels as synthetic antibodies, by localized polymerization with multi-initiators. <i>Advanced Materials</i> , 2013 , 25, 1048-51	24	87
138	Chemical nanosensors based on composite molecularly imprinted polymer particles and surface-enhanced Raman scattering. <i>Advanced Materials</i> , 2010 , 22, 2343-8	24	87
137	Cell and Tissue Imaging with Molecularly Imprinted Polymers as Plastic Antibody Mimics. <i>Advanced Healthcare Materials</i> , 2015 , 4, 1322-6	10.1	85

136	Molecularly imprinted polymer nanomaterials and nanocomposites: atom-transfer radical polymerization with acidic monomers. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 5192-5	16.4	80
135	Affinity Separations on Molecularly Imprinted Polymers with Special Emphasis on Solid-Phase Extraction. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2006 , 29, 989-1023	1.3	80
134	Development of a flow injection capillary chemiluminescent ELISA using an imprinted polymer instead of the antibody. <i>Analytical Chemistry</i> , 2001 , 73, 4388-92	7.8	76
133	A disposable evanescent wave fiber optic sensor coated with a molecularly imprinted polymer as a selective fluorescence probe. <i>Biosensors and Bioelectronics</i> , 2015 , 64, 359-66	11.8	74
132	Some new developments and challenges in non-covalent molecular imprinting technology. <i>Journal of Molecular Recognition</i> , 1998 , 11, 62-8	2.6	73
131	Toward a Universal Method for Preparing Molecularly Imprinted Polymer Nanoparticles with Antibody-like Affinity for Proteins. <i>Biomacromolecules</i> , 2016 , 17, 345-53	6.9	71
130	A versatile fiber-optic fluorescence sensor based on molecularly imprinted microstructures polymerized in situ. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 8317-21	16.4	69
129	Holographic molecularly imprinted polymers for label-free chemical sensing. <i>Advanced Materials</i> , 2013 , 25, 566-70	24	69
128	Scintillation proximity assay using molecularly imprinted microspheres. <i>Analytical Chemistry</i> , 2002 , 74, 959-64	7.8	68
127	Enantioselective molecularly imprinted polymer membranes. <i>Chirality</i> , 1999 , 11, 465-469	2.1	68
126	Fluorescent molecularly imprinted polymers as plastic antibodies for selective labeling and imaging of hyaluronan and sialic acid on fixed and living cells. <i>Biosensors and Bioelectronics</i> , 2017 , 88, 85-93	11.8	60
125	Direct fluorimetric sensing of UV-excited analytes in biological and environmental samples using molecularly imprinted polymer nanoparticles and fluorescence polarization. <i>Biosensors and Bioelectronics</i> , 2012 , 36, 22-8	11.8	60
124	Probing the recognition specificity of a protein molecularly imprinted polymer using force spectroscopy. <i>Biosensors and Bioelectronics</i> , 2009 , 24, 2618-24	11.8	60
123	Molecularly imprinted polymer films for reflectometric interference spectroscopic sensors. <i>Biosensors and Bioelectronics</i> , 2007 , 22, 3267-72	11.8	56
122	Porogen formulations for obtaining molecularly imprinted polymers with optimized binding properties. <i>Analytica Chimica Acta</i> , 2005 , 542, 118-124	6.6	56
121	Molecularly Imprinted Polymer Films with Binding Properties Enhanced by the Reaction-Induced Phase Separation of a Sacrificial Polymeric Porogen. <i>Chemistry of Materials</i> , 2005 , 17, 1007-1016	9.6	55
120	A fluorescence polarisation molecular imprint sorbent assay for 2,4-D: a non-separation pseudo-immunoassay. <i>Chemical Communications</i> , 2006 , 1754-6	5.8	55
119	Toward the use of a molecularly imprinted polymer in doping analysis: selective preconcentration and analysis of testosterone and epitestosterone in human urine. <i>Analytical Chemistry</i> , 2010 , 82, 4420-7	7.8	54

118	Selective solid-phase extraction of a triterpene acid from a plant extract by molecularly imprinted polymer. <i>Talanta</i> , 2008 , 75, 344-50	6.2	54
117	Molecularly Imprinted Polymers and Controlled/Living Radical Polymerization. <i>Australian Journal of Chemistry</i> , 2009 , 62, 751	1.2	53
116	Development of a QCM-D biosensor for Ochratoxin A detection in red wine. <i>Talanta</i> , 2017 , 166, 193-197	6.2	52
115	Polymer Films Composed of Surface-Bound Nanofilaments with a High Aspect Ratio, Molecularly Imprinted with Small Molecules and Proteins. <i>Advanced Functional Materials</i> , 2009 , 19, 1299-1303	15.6	51
114	Core-Shell Molecularly Imprinted Polymer Nanoparticles as Synthetic Antibodies in a Sandwich Fluoroimmunoassay for Trypsin Determination in Human Serum. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 24476-24483	9.5	49
113	Interaction of human immunoglobulin G with l-histidine immobilized onto poly(ethylene vinyl alcohol) hollow-fiber membranes. <i>Biomedical Applications</i> , 1995 , 674, 13-21		48
112	EGFR Inhibition by Curcumin in Cancer Cells: A Dual Mode of Action. <i>Biomacromolecules</i> , 2015 , 16, 1634-1639	4.2	47
111	Amphiphilic 1-deoxynojirimycin derivatives through click strategies for chemical chaperoning in N370S Gaucher cells. <i>Journal of Organic Chemistry</i> , 2011 , 76, 7757-68	4.2	46
110	Writing droplets of molecularly imprinted polymers by nano fountain pen and detecting their molecular interactions by surface-enhanced Raman scattering. <i>Analytical Chemistry</i> , 2009 , 81, 5686-90	7.8	46
109	Biocompatibility and internalization of molecularly imprinted nanoparticles. <i>Nano Research</i> , 2016 , 9, 3463-3477	10	45
108	Chemical Antibody Mimics Inhibit Cadherin-Mediated Cell-Cell Adhesion: A Promising Strategy for Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 2816-2822	16.4	45
107	Plastic Antibodies for Cosmetics: Molecularly Imprinted Polymers Scavenge Precursors of Malodors. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 6252-6	16.4	43
106	Molecularly Imprinted Polymer Nanoparticles as Potential Synthetic Antibodies for Immunoprotection against HIV. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 9824-9831	9.5	42
105	Competitive fluorescent pseudo-immunoassay exploiting molecularly imprinted polymers for the detection of biogenic amines in fish matrix. <i>Talanta</i> , 2018 , 181, 190-196	6.2	41
104	Selective extraction of triazine herbicides from food samples based on a combination of a liquid membrane and molecularly imprinted polymers. <i>Journal of Chromatography A</i> , 2009 , 1216, 6796-801	4.5	41
103	Formation of a class of enzyme inhibitors (drugs), including a chiral compound, by using imprinted polymers or biomolecules as molecular-scale reaction vessels. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 4459-63	16.4	41
102	Experimental kinetic aspects of hollow fiber membrane-based pseudobioaffinity filtration: process for IgG separation from human plasma. <i>Journal of Membrane Science</i> , 1996 , 117, 45-56	9.6	41
101	Immobilization of molecularly imprinted polymer nanoparticles in electrospun poly(vinyl alcohol) nanofibers. <i>Langmuir</i> , 2011 , 27, 1547-50	4	40

100	Solid-phase synthesis of molecularly imprinted polymer nanolabels: Affinity tools for cellular bioimaging of glycans. <i>Scientific Reports</i> , 2019 , 9, 3923	4.9	39
99	Molecularly imprinted sorbent assays and the use of non-related probes. <i>Reactive and Functional Polymers</i> , 1999 , 41, 125-131	4.6	38
98	Rapid Prototyping of Chemical Microsensors Based on Molecularly Imprinted Polymers Synthesized by Two-Photon Stereolithography. <i>Advanced Materials</i> , 2016 , 28, 5931-7	24	37
97	A molecularly imprinted polymer-based evanescent wave fiber optic sensor for the detection of basic red 9 dye. <i>Sensors and Actuators B: Chemical</i> , 2015 , 218, 222-228	8.5	35
96	Single step patterning of molecularly imprinted polymers for large scale fabrication of microbiochips. <i>Lab on A Chip</i> , 2009 , 9, 2987-91	7.2	35
95	Synthesis of a molecularly imprinted polymer for the solid-phase extraction of betulin and betulinic acid from plane bark. <i>Phytochemical Analysis</i> , 2010 , 21, 180-5	3.4	35
94	Direct patterning of molecularly imprinted microdot arrays for sensors and biochips. <i>Langmuir</i> , 2007 , 23, 6490-3	4	35
93	Water-compatible silica sol-gel molecularly imprinted polymer as a potential delivery system for the controlled release of salicylic acid. <i>Journal of Molecular Recognition</i> , 2014 , 27, 559-65	2.6	34
92	Reading microdots of a molecularly imprinted polymer by surface-enhanced Raman spectroscopy. <i>Biosensors and Bioelectronics</i> , 2010 , 26, 809-14	11.8	34
91	Hierarchically Nanostructured Polymer Films Based on Molecularly Imprinted Surface-Bound Nanofilaments. <i>Advanced Materials</i> , 2007 , 19, 3717-3720	24	33
90	Molecularly Imprinted Polymers for Chemical Sensing: A Tutorial Review. <i>Chemosensors</i> , 2021 , 9, 123	4	33
89	On the effect of using RAFT and FRP for the bulk synthesis of acrylic and methacrylic molecularly imprinted polymers. <i>Polymer Chemistry</i> , 2014 , 5, 1313-1322	4.9	32
88	Tuning molecular recognition in water-soluble nanogels with enzyme-like activity for the kemp elimination. <i>Chemistry - A European Journal</i> , 2011 , 17, 11052-9	4.8	32
87	Combining resonant piezoelectric micromembranes with molecularly imprinted polymers. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 9271-4	16.4	32
86	Analyte templating: enhancing the enantioselectivity of chiral selectors upon incorporation into organic polymer environments. <i>Analytical Chemistry</i> , 2005 , 77, 5009-18	7.8	32
85	Molecularly imprinted polymers in chemical and biological sensing. <i>Biochemical Society Transactions</i> , 1999 , 27, 344-50	5.1	31
84	One-pot synthesis of iniferter-bound polystyrene core nanoparticles for the controlled grafting of multilayer shells. <i>Nanoscale</i> , 2014 , 6, 2872-8	7.7	30
83	Nanopatterning molecularly imprinted polymers by soft lithography: a hierarchical approach. <i>Lab on A Chip</i> , 2010 , 10, 1316-8	7.2	30

82	Enzyme-Initiated Free-Radical Polymerization of Molecularly Imprinted Polymer Nanogels on a Solid Phase with an Immobilized Radical Source. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 3339-3343	16.4	29
81	Preparation and evaluation of a molecularly imprinted polymer for the selective recognition of testosterone--application to molecularly imprinted sorbent assays. <i>Journal of Molecular Recognition</i> , 2011 , 24, 1123-9	2.6	29
80	Immobilized metal ion affinity capillary electrophoresis of proteins--a model for affinity capillary electrophoresis using soluble polymer-supported ligands. <i>Analytical Biochemistry</i> , 1996 , 234, 149-54	3.1	29
79	Initiator-free synthesis of molecularly imprinted polymers by polymerization of self-initiated monomers. <i>Polymer</i> , 2015 , 66, 43-51	3.9	28
78	Optical sensor materials for the detection of amines in organic solvents. <i>Analytica Chimica Acta</i> , 2006 , 565, 42-47	6.6	28
77	Molecularly Imprinted Polymer Coated Quantum Dots for Multiplexed Cell Targeting and Imaging. <i>Angewandte Chemie</i> , 2016 , 128, 8384-8388	3.6	28
76	Direct detection of analyte binding to single molecularly imprinted polymer particles by confocal Raman spectroscopy. <i>Biosensors and Bioelectronics</i> , 2009 , 25, 568-71	11.8	27
75	Strategies for the depyrogenation of contaminated immunoglobulin G solutions by histidine-immobilized hollow fiber membrane. <i>Biomedical Applications</i> , 1997 , 691, 33-41		27
74	Surface-imprinted nanofilaments for europium-amplified luminescent detection of fluoroquinolone antibiotics. <i>Chemistry - A European Journal</i> , 2013 , 19, 10209-16	4.8	26
73	Direct writing of molecularly imprinted microstructures using a nanofountain pen. <i>Applied Physics Letters</i> , 2007 , 90, 193101	3.4	26
72	Separation of immunoglobulin G by high-performance pseudo-bioaffinity chromatography with immobilized histidine. I. Preliminary report on the influence of the silica support and the coupling mode. <i>Biomedical Applications</i> , 1992 , 584, 35-41		26
71	Molecularly Imprinted Silver-Halide Reflection Holograms for Label-Free Opto-Chemical Sensing. <i>Advanced Functional Materials</i> , 2014 , 24, 688-694	15.6	25
70	Solid-phase extraction of betanin and isobetanin from beetroot extracts using a dipicolinic acid molecularly imprinted polymer. <i>Journal of Chromatography A</i> , 2016 , 1465, 47-54	4.5	25
69	Ultrathin Selective Molecularly Imprinted Polymer Microdots Obtained by Evanescent Wave Photopolymerization. <i>Chemistry of Materials</i> , 2011 , 23, 3645-3651	9.6	24
68	Direct and sensitive determination of trypsin in human urine using a water-soluble signaling fluorescent molecularly imprinted polymer nanoprobe. <i>Sensors and Actuators B: Chemical</i> , 2018 , 258, 10-17	8.5	24
67	Guide to the Preparation of Molecularly Imprinted Polymer Nanoparticles for Protein Recognition by Solid-Phase Synthesis. <i>Methods in Enzymology</i> , 2017 , 590, 115-141	1.7	23
66	Molecularly Imprinted Polymer Nanomaterials and Nanocomposites: Atom-Transfer Radical Polymerization with Acidic Monomers. <i>Angewandte Chemie</i> , 2015 , 127, 5281-5284	3.6	23
65	Patterning nanostructured, synthetic, polymeric receptors by simultaneous projection photolithography, nanomolding, and molecular imprinting. <i>Small</i> , 2011 , 7, 2318-25	11	23

64	Application of the Doehlert experimental design to molecularly imprinted polymers: surface response optimization of specific template recognition as a function of the type and degree of cross-linking. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 389, 455-60	4.4	23
63	Multi-objective optimization and design of experiments as tools to tailor molecularly imprinted polymers specific for glucuronic acid. <i>Talanta</i> , 2013 , 105, 211-8	6.2	22
62	Molecular recognition of endocrine disruptors by synthetic and natural 17beta-estradiol receptors: a comparative study. <i>Analytical and Bioanalytical Chemistry</i> , 2008 , 390, 2081-8	4.4	20
61	Die Verwendung immobilisierter Template: eine neue Methode zum molekularen Prüfen. <i>Angewandte Chemie</i> , 2000 , 112, 2178-2181	3.6	20
60	Micro and nanofabrication of molecularly imprinted polymers. <i>Topics in Current Chemistry</i> , 2012 , 325, 83-110		19
59	In Vitro Removal of Human Igg by Pseudobiospecific Affinity Membrane Filtration on a Large Scale. A Preliminary Report. <i>International Journal of Artificial Organs</i> , 1995 , 18, 392-398	1.9	19
58	Interaction of catechol-2,3-dioxygenase of <i>Pseudomonas putida</i> with immobilized histidine and histamine. <i>Journal of Chromatography A</i> , 1993 , 644, 289-297	4.5	18
57	Polydopamine-based molecularly imprinted thin films for electro-chemical sensing of nitro-explosives in aqueous solutions. <i>Bioelectrochemistry</i> , 2020 , 135, 107541	5.6	18
56	A Light-Triggerable Nanoparticle Library for the Controlled Release of Non-Coding RNAs. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 1985-1991	16.4	18
55	Programmable bioelectronics in a stimuli-encoded 3D graphene interface. <i>Nanoscale</i> , 2016 , 8, 9976-81	7.7	18
54	All-organic microelectromechanical systems integrating specific molecular recognition--a new generation of chemical sensors. <i>Advanced Materials</i> , 2014 , 26, 5876-9	24	17
53	Dual-Oriented Solid-Phase Molecular Imprinting: Toward Selective Artificial Receptors for Recognition of Nucleotides in Water. <i>Macromolecules</i> , 2017 , 50, 7484-7490	5.5	17
52	Versatile Synthetic Strategy for Coating Upconverting Nanoparticles with Polymer Shells through Localized Photopolymerization by Using the Particles as Internal Light Sources. <i>Angewandte Chemie</i> , 2014 , 126, 9065-9069	3.6	17
51	Synthesis of molecularly imprinted polymers by photo-iniferter polymerization under visible light. <i>Polymer Chemistry</i> , 2017 , 8, 4830-4834	4.9	16
50	Toward an alternative for specific recognition of sulfated sugars. Preparation of highly specific molecular imprinted polymers. <i>Tetrahedron</i> , 2007 , 63, 1857-1862	2.4	16
49	Improved capillary electrophoretic separation of glycosylated oligopeptides through addition of poly(vinyl alcohol), and analysis by electrospray mass spectrometry. <i>Journal of Chromatography A</i> , 1998 , 805, 285-93	4.5	15
48	Molecular Imprinting: Status Artis et Quo Vadere?. <i>ACS Symposium Series</i> , 1998 , 29-48	0.4	15
47	Molecularly imprinted polymers by reversible chain transfer catalysed polymerization. <i>Polymer</i> , 2015 , 78, 31-36	3.9	14

46	Detection of template binding to molecularly imprinted polymers by Raman microspectroscopy. <i>Applied Physics Letters</i> , 2009 , 94, 194103	3.4	14
45	Plastic Antibodies for Cosmetics: Molecularly Imprinted Polymers Scavenge Precursors of Malodors. <i>Angewandte Chemie</i> , 2016 , 128, 6360-6364	3.6	14
44	Enzyme-Initiated Free-Radical Polymerization of Molecularly Imprinted Polymer Nanogels on a Solid Phase with an Immobilized Radical Source. <i>Angewandte Chemie</i> , 2017 , 129, 3387-3391	3.6	13
43	Chemical Antibody Mimics Inhibit Cadherin-Mediated Cell-Cell Adhesion: A Promising Strategy for Cancer Therapy. <i>Angewandte Chemie</i> , 2020 , 132, 2838-2844	3.6	13
42	A New Versatile Water-Soluble Iniferter Platform for the Preparation of Molecularly Imprinted Nanoparticles by Photopolymerisation in Aqueous Media. <i>Chemistry - A European Journal</i> , 2016 , 22, 10150-4	4.8	13
41	Light-Triggered Switchable Graphene Polymer Hybrid Bioelectronics. <i>Advanced Materials Interfaces</i> , 2016 , 3, 1500353	4.6	12
40	A Versatile Fiber-Optic Fluorescence Sensor Based on Molecularly Imprinted Microstructures Polymerized in Situ. <i>Angewandte Chemie</i> , 2013 , 125, 8475-8479	3.6	12
39	Polyacrylamide-alginate (PAAm-Alg) and phospho-L-tyrosine-linked PAAm-Alg monolithic cryogels: Purification of IgG from human serum. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019 , 1129, 121783	3.2	11
38	Fluorescence optical spectrally resolved sensor based on molecularly imprinted polymers and microfluidics. <i>Engineering in Life Sciences</i> , 2011 , 11, 559-565	3.4	11
37	Chiral recognition and separation of beta2-amino acids using non-covalently molecularly imprinted polymers. <i>Analyst, The</i> , 2004 , 129, 1211-5	5	11
36	Cell and Tissue Imaging with Molecularly Imprinted Polymers. <i>Methods in Molecular Biology</i> , 2017 , 1575, 399-415	1.4	10
35	A simple approach to prepare molecularly imprinted polymers from nylon-6. <i>Journal of Molecular Recognition</i> , 2013 , 26, 368-75	2.6	10
34	Reading Biochips by Raman and Surface-Enhanced Raman Spectroscopies. <i>Plasmonics</i> , 2013 , 8, 3-12	2.4	9
33	Reduction-responsive molecularly imprinted nanogels for drug delivery applications.. <i>RSC Advances</i> , 2020 , 10, 5978-5987	3.7	8
32	Molecularly imprinted polymers by thiol-ene chemistry: making imprinting even easier. <i>Polymer Chemistry</i> , 2019 , 10, 4732-4739	4.9	8
31	Autophosphorylation activation and inhibition by curcumin of the epidermal growth factor receptor reconstituted in liposomes. <i>Journal of Molecular Recognition</i> , 2012 , 25, 623-9	2.6	8
30	Noncovalent Molecular Imprinting of a Synthetic Polymer with the Herbicide 2,4-Dichlorophenoxyacetic Acid in the Presence of Polar Protic Solvents. <i>ACS Symposium Series</i> , 1998 , 135-142	0.4	8
29	Molecularly Imprinted Polymers as Recognition Elements in Sensors. <i>Springer Series on Chemical Sensors and Biosensors</i> , 2004 , 23-39	2	8

28	Immobilized metal ion affinity gel electrophoresis: quantification of protein affinity to transition metal chelates. <i>Electrophoresis</i> , 1996 , 17, 489-92	3.6	8
27	Nanoparticles in Biomedical Applications. <i>Bioanalytical Reviews</i> , 2015 , 177-210	1	7
26	Cytocompatibility of Molecularly Imprinted Polymers for Deodorants: Evaluation on Human Keratinocytes and Axillary-Hosted Bacteria.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 3439-3447	4.1	7
25	Enzymes as Tools in MIP-Sensors. <i>Chemosensors</i> , 2017 , 5, 11	4	7
24	Renewable Plant Oil-Based Molecularly Imprinted Polymers as Biopesticide Delivery Systems. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 15927-15935	8.3	7
23	Molecularly Imprinted Polymer Nanogels for Protein Recognition: Direct Proof of Specific Binding Sites by Solution STD and WaterLOGSY NMR Spectroscopies. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 20849-20857	16.4	7
22	Evolution of Molecularly Imprinted Enzyme Inhibitors: From Simple Activity Inhibition to Pathological Cell Regulation. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 24526-24533	16.4	5
21	Nanostructured molecularly imprinted polymer films as synthetic recognition layers. <i>International Journal of Nanotechnology</i> , 2008 , 5, 757	1.5	4
20	Photopolymerization and Photostructuring of Molecularly Imprinted Polymers. <i>ACS Applied Polymer Materials</i> ,	4.3	4
19	Comment on Ssolation and detection of steroids from human urine by molecularly imprinted solid-phase extraction and liquid chromatographySby Gadzala-Kopciuch et al., J. Chromatogr. B 877 (2009), 1177-1184. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009 , 877, 4180-1	3.2	3
18	Molecularly Imprinted Polymers as Recognition Elements in Sensors 2008 ,		3
17	Tailoring a Dress to Single Protein Molecules: Proteins Can Do It Themselves through Localized Photo-Polymerization and Molecular Imprinting. <i>Chemistry - A European Journal</i> , 2020 , 26, 14556-14559	4.8	3
16	Multiplexed functionalization of nanoelectromechanical systems with photopatterned molecularly imprinted polymers. <i>Journal of Micromechanics and Microengineering</i> , 2019 , 29, 025013	2	3
15	Molecularly imprinted polymer nanoparticles-based electrochemical chemosensors for selective determination of cilostazol and its pharmacologically active primary metabolite in human plasma. <i>Biosensors and Bioelectronics</i> , 2021 , 193, 113542	11.8	3
14	Combining Resonant Piezoelectric Micromembranes with Molecularly Imprinted Polymers. <i>Angewandte Chemie</i> , 2007 , 119, 9431-9434	3.6	2
13	Formation of a Class of Enzyme Inhibitors (Drugs), Including a Chiral Compound, by Using Imprinted Polymers or Biomolecules as Molecular-Scale Reaction Vessels. <i>Angewandte Chemie</i> , 2002 , 114, 4639-4643	3.6	2
12	Imprinted PolymersTailor-Made Mimics of Antibodies and Receptors. <i>ChemInform</i> , 2003 , 34, no		2
11	RAFT coupling chemistry: a general approach for post-functionalizing molecularly imprinted polymers synthesized by radical polymerization. <i>Polymer Chemistry</i> , 2020 , 11, 1055-1061	4.9	2

10	Performance of phospho-L-tyrosine immobilized onto alginate/polyacrylamide-based cryogels: Effect of ligand coupling on human IgG adsorption and Fab fragments separation. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021 , 1165, 122530	3.2	2
9	Holographic Molecularly Imprinted Polymers for Label-Free Chemical Sensing (Adv. Mater. 4/2013). <i>Advanced Materials</i> , 2013 , 25, 565-565	24	1
8	Integrative technology-based approach of microelectromechanical systems (MEMS) for biosensing applications. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2012 , 2012, 4475-8	0.9	1
7	Molecularly Imprinted Polymers as Recognition Elements in Sensors 2004 , 685-700		1
6	Molecularly Imprinted Polymers. <i>Chromatographic Science</i> , 2005 , 837-856		1
5	Evolution of Molecularly Imprinted Enzyme Inhibitors: From Simple Activity Inhibition to Pathological Cell Regulation. <i>Angewandte Chemie</i> ,	3.6	1
4	Molecularly Imprinted Polymer Nanogels for Protein Recognition: Direct Proof of Specific Binding Sites by Solution STD and WaterLOGSY NMR Spectroscopies. <i>Angewandte Chemie</i> , 2021 , 133, 21017-21025	3.6	0
3	Overview of Traditional and Environmental Factors Related to Bone Health.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	
2	The Use of Imprinted Polymers as Recognition Elements in Biosensors and Binding Assays 2000 , 193-209		
1	In vitro removal of human IgG by pseudobiospecific affinity membrane filtration on a large scale. A preliminary report. <i>International Journal of Artificial Organs</i> , 1995 , 18, 392-8	1.9	