

Karsten Haupt

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.

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 | Overview of Traditional and Environmental Factors Related to Bone Health.. <i>Environmental Science and Pollution Research</i> , 2022 , 1 | 5.1 | |
| 170 | Molecularly Imprinted Polymers for Chemical Sensing: A Tutorial Review. <i>Chemosensors</i> , 2021 , 9, 123 | 4 | 33 |
| 169 | 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 |
| 168 | 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 |
| 167 | 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 |
| 166 | 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 |
| 165 | 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 |
| 164 | Reduction-responsive molecularly imprinted nanogels for drug delivery applications.. <i>RSC Advances</i> , 2020 , 10, 5978-5987 | 3.7 | 8 |
| 163 | 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 |
| 162 | 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 |
| 161 | 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 |
| 160 | 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 |
| 159 | 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 |
| 158 | Molecularly Imprinted Polymers: Antibody Mimics for Bioimaging and Therapy. <i>Chemical Reviews</i> , 2020 , 120, 9554-9582 | 68.1 | 116 |
| 157 | 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 |
| 156 | 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 |
| 155 | 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 |

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| 154 | 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 |
| 153 | Molecularly imprinted polymers by thiol-ene chemistry: making imprinting even easier. <i>Polymer Chemistry</i> , 2019 , 10, 4732-4739 | 4.9 | 8 |
| 152 | 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 |
| 151 | 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 |
| 150 | Multiplexed functionalization of nanoelectromechanical systems with photopatterned molecularly imprinted polymers. <i>Journal of Micromechanics and Microengineering</i> , 2019 , 29, 025013 | 2 | 3 |
| 149 | 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 |
| 148 | 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 |
| 147 | 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 |
| 146 | Development of a QCM-D biosensor for Ochratoxin A detection in red wine. <i>Talanta</i> , 2017 , 166, 193-197 | 6.2 | 52 |
| 145 | Cell and Tissue Imaging with Molecularly Imprinted Polymers. <i>Methods in Molecular Biology</i> , 2017 , 1575, 399-415 | 1.4 | 10 |
| 144 | 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 |
| 143 | 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 |
| 142 | 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 |
| 141 | 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 |
| 140 | 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 |
| 139 | Synthesis of molecularly imprinted polymers by photo-iniferter polymerization under visible light. <i>Polymer Chemistry</i> , 2017 , 8, 4830-4834 | 4.9 | 16 |
| 138 | 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 |
| 137 | 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 |

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| 136 | Enzymes as Tools in MIP-Sensors. <i>Chemosensors</i> , 2017 , 5, 11 | 4 | 7 |
| 135 | Biocompatibility and internalization of molecularly imprinted nanoparticles. <i>Nano Research</i> , 2016 , 9, 3463-3477 | 10 | 45 |
| 134 | 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 |
| 133 | Molecularly imprinted polymer nanomaterials and nanocomposites by controlled/living radical polymerization. <i>Progress in Polymer Science</i> , 2016 , 62, 1-21 | 29.6 | 108 |
| 132 | Light-Triggered Switchable Graphene Polymer Hybrid Bioelectronics. <i>Advanced Materials Interfaces</i> , 2016 , 3, 1500353 | 4.6 | 12 |
| 131 | Plastic Antibodies for Cosmetics: Molecularly Imprinted Polymers Scavenge Precursors of Malodors. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 6252-6 | 16.4 | 43 |
| 130 | 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 |
| 129 | Molecularly Imprinted Polymer Coated Quantum Dots for Multiplexed Cell Targeting and Imaging. <i>Angewandte Chemie</i> , 2016 , 128, 8384-8388 | 3.6 | 28 |
| 128 | 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 |
| 127 | Plastic Antibodies for Cosmetics: Molecularly Imprinted Polymers Scavenge Precursors of Malodors. <i>Angewandte Chemie</i> , 2016 , 128, 6360-6364 | 3.6 | 14 |
| 126 | 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 |
| 125 | Programmable bioelectronics in a stimuli-encoded 3D graphene interface. <i>Nanoscale</i> , 2016 , 8, 9976-81 | 7.7 | 18 |
| 124 | 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 |
| 123 | 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 |
| 122 | EGFR Inhibition by Curcumin in Cancer Cells: A Dual Mode of Action. <i>Biomacromolecules</i> , 2015 , 16, 1634-42 | 4.9 | 47 |
| 121 | Initiator-free synthesis of molecularly imprinted polymers by polymerization of self-initiated monomers. <i>Polymer</i> , 2015 , 66, 43-51 | 3.9 | 28 |
| 120 | Cell and Tissue Imaging with Molecularly Imprinted Polymers as Plastic Antibody Mimics. <i>Advanced Healthcare Materials</i> , 2015 , 4, 1322-6 | 10.1 | 85 |
| 119 | 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 |

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| 118 | Molecularly imprinted polymers by reversible chain transfer catalysed polymerization. <i>Polymer</i> , 2015 , 78, 31-36 | 3.9 | 14 |
| 117 | Nanoparticles in Biomedical Applications. <i>Bioanalytical Reviews</i> , 2015 , 177-210 | 1 | 7 |
| 116 | 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 |
| 115 | Molecularly Imprinted Polymer Nanomaterials and Nanocomposites: Atom-Transfer Radical Polymerization with Acidic Monomers. <i>Angewandte Chemie</i> , 2015 , 127, 5281-5284 | 3.6 | 23 |
| 114 | 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 |
| 113 | All-organic microelectromechanical systems integrating specific molecular recognition--a new generation of chemical sensors. <i>Advanced Materials</i> , 2014 , 26, 5876-9 | 24 | 17 |
| 112 | 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 |
| 111 | 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 |
| 110 | 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 |
| 109 | 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 |
| 108 | Molecularly Imprinted Silver-Halide Reflection Holograms for Label-Free Opto-Chemical Sensing. <i>Advanced Functional Materials</i> , 2014 , 24, 688-694 | 15.6 | 25 |
| 107 | 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 |
| 106 | Solid-phase synthesis of molecularly imprinted nanoparticles for protein recognition. <i>Chemical Communications</i> , 2013 , 49, 6746-8 | 5.8 | 137 |
| 105 | Reading Biochips by Raman and Surface-Enhanced Raman Spectroscopies. <i>Plasmonics</i> , 2013 , 8, 3-12 | 2.4 | 9 |
| 104 | Holographic molecularly imprinted polymers for label-free chemical sensing. <i>Advanced Materials</i> , 2013 , 25, 566-70 | 24 | 69 |
| 103 | Holographic Molecularly Imprinted Polymers for Label-Free Chemical Sensing (Adv. Mater. 4/2013). <i>Advanced Materials</i> , 2013 , 25, 565-565 | 24 | 1 |
| 102 | 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 |
| 101 | A simple approach to prepare molecularly imprinted polymers from nylon-6. <i>Journal of Molecular Recognition</i> , 2013 , 26, 368-75 | 2.6 | 10 |

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| 100 | Surface-imprinted nanofilaments for europium-amplified luminescent detection of fluoroquinolone antibiotics. <i>Chemistry - A European Journal</i> , 2013 , 19, 10209-16 | 4.8 | 26 |
| 99 | 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 |
| 98 | 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 |
| 97 | 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 |
| 96 | Photopolymerization and photostructuring of molecularly imprinted polymers for sensor applications--a review. <i>Analytica Chimica Acta</i> , 2012 , 717, 7-20 | 6.6 | 176 |
| 95 | 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 |
| 94 | Molecularly imprinted polymers. <i>Topics in Current Chemistry</i> , 2012 , 325, 1-28 | | 91 |
| 93 | Micro and nanofabrication of molecularly imprinted polymers. <i>Topics in Current Chemistry</i> , 2012 , 325, 83-110 | | 19 |
| 92 | 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 |
| 91 | 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 |
| 90 | Immobilization of molecularly imprinted polymer nanoparticles in electrospun poly(vinyl alcohol) nanofibers. <i>Langmuir</i> , 2011 , 27, 1547-50 | 4 | 40 |
| 89 | 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 |
| 88 | Patterning nanostructured, synthetic, polymeric receptors by simultaneous projection photolithography, nanomolding, and molecular imprinting. <i>Small</i> , 2011 , 7, 2318-25 | 11 | 23 |
| 87 | 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 |
| 86 | Magnetic Molecularly Imprinted Polymer Nanocomposites via Surface-Initiated RAFT Polymerization. <i>Advanced Functional Materials</i> , 2011 , 21, 3947-3953 | 15.6 | 119 |
| 85 | 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 |
| 84 | Ultrathin Selective Molecularly Imprinted Polymer Microdots Obtained by Evanescent Wave Photopolymerization. <i>Chemistry of Materials</i> , 2011 , 23, 3645-3651 | 9.6 | 24 |
| 83 | 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 |

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| 82 | Nanopatterning molecularly imprinted polymers by soft lithography: a hierarchical approach. <i>Lab on A Chip</i> , 2010 , 10, 1316-8 | 7.2 | 30 |
| 81 | Molecularly imprinted polymers: synthetic receptors in bioanalysis. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 398, 2481-92 | 4.4 | 168 |
| 80 | Reading microdots of a molecularly imprinted polymer by surface-enhanced Raman spectroscopy. <i>Biosensors and Bioelectronics</i> , 2010 , 26, 809-14 | 11.8 | 34 |
| 79 | Chemical nanosensors based on composite molecularly imprinted polymer particles and surface-enhanced Raman scattering. <i>Advanced Materials</i> , 2010 , 22, 2343-8 | 24 | 87 |
| 78 | 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 |
| 77 | Detection of template binding to molecularly imprinted polymers by Raman microspectroscopy. <i>Applied Physics Letters</i> , 2009 , 94, 194103 | 3.4 | 14 |
| 76 | Molecularly Imprinted Polymers and Controlled/Living Radical Polymerization. <i>Australian Journal of Chemistry</i> , 2009 , 62, 751 | 1.2 | 53 |
| 75 | 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 |
| 74 | 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 |
| 73 | 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 |
| 72 | 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 |
| 71 | 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 |
| 70 | 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 |
| 69 | Molecularly imprinted microgels as enzyme inhibitors. <i>Journal of the American Chemical Society</i> , 2009 , 131, 14699-702 | 16.4 | 225 |
| 68 | 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 |
| 67 | Multivalent iminosugars to modulate affinity and selectivity for glycosidases. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 357-63 | 3.9 | 107 |
| 66 | 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 |
| 65 | Molecularly Imprinted Polymers as Recognition Elements in Sensors 2008 , | | 3 |

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| 64 | Nanostructured molecularly imprinted polymer films as synthetic recognition layers. <i>International Journal of Nanotechnology</i> , 2008 , 5, 757 | 1.5 | 4 |
| 63 | 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 |
| 62 | Direct patterning of molecularly imprinted microdot arrays for sensors and biochips. <i>Langmuir</i> , 2007 , 23, 6490-3 | 4 | 35 |
| 61 | Combining resonant piezoelectric micromembranes with molecularly imprinted polymers. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 9271-4 | 16.4 | 32 |
| 60 | Combining Resonant Piezoelectric Micromembranes with Molecularly Imprinted Polymers. <i>Angewandte Chemie</i> , 2007 , 119, 9431-9434 | 3.6 | 2 |
| 59 | Hierarchically Nanostructured Polymer Films Based on Molecularly Imprinted Surface-Bound Nanofilaments. <i>Advanced Materials</i> , 2007 , 19, 3717-3720 | 24 | 33 |
| 58 | 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 |
| 57 | Molecularly imprinted polymer films for reflectometric interference spectroscopic sensors. <i>Biosensors and Bioelectronics</i> , 2007 , 22, 3267-72 | 11.8 | 56 |
| 56 | 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 |
| 55 | Direct writing of molecularly imprinted microstructures using a nanofountain pen. <i>Applied Physics Letters</i> , 2007 , 90, 193101 | 3.4 | 26 |
| 54 | 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 |
| 53 | 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 |
| 52 | Optical sensor materials for the detection of amines in organic solvents. <i>Analytica Chimica Acta</i> , 2006 , 565, 42-47 | 6.6 | 28 |
| 51 | 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 |
| 50 | 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 |
| 49 | Molecularly Imprinted Polymers. <i>Chromatographic Science</i> , 2005 , 837-856 | | 1 |
| 48 | Porogen formulations for obtaining molecularly imprinted polymers with optimized binding properties. <i>Analytica Chimica Acta</i> , 2005 , 542, 118-124 | 6.6 | 56 |
| 47 | 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 |

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|----|---|------|------|
| 46 | 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 |
| 45 | Molecularly Imprinted Polymers as Recognition Elements in Sensors. <i>Springer Series on Chemical Sensors and Biosensors</i> , 2004 , 23-39 | 2 | 8 |
| 44 | Chiral recognition and separation of beta2-amino acids using non-covalently molecularly imprinted polymers. <i>Analyst, The</i> , 2004 , 129, 1211-5 | 5 | 11 |
| 43 | Molecularly Imprinted Polymers as Recognition Elements in Sensors 2004 , 685-700 | | 1 |
| 42 | Imprinted Polymers—Tailor-Made Mimics of Antibodies and Receptors. <i>ChemInform</i> , 2003 , 34, no | | 2 |
| 41 | Molecularly imprinted polymers: the next generation. <i>Analytical Chemistry</i> , 2003 , 75, 376A-383A | 7.8 | 309 |
| 40 | Imprinted polymers-tailor-made mimics of antibodies and receptors. <i>Chemical Communications</i> , 2003 , 171-8 | 5.8 | 227 |
| 39 | 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 | 2.6 | 2 |
| 38 | 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 |
| 37 | Molecularly imprinted polymer for metsulfuron-methyl and its binding characteristics for sulfonylurea herbicides. <i>Analytica Chimica Acta</i> , 2002 , 468, 217-227 | 6.6 | 119 |
| 36 | Scintillation proximity assay using molecularly imprinted microspheres. <i>Analytical Chemistry</i> , 2002 , 74, 959-64 | 7.8 | 68 |
| 35 | Molecularly imprinted polymers in analytical chemistry. <i>Analyst, The</i> , 2001 , 126, 747-56 | 5 | 318 |
| 34 | 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 |
| 33 | 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 |
| 32 | Die Verwendung immobilisierter Template: eine neue Methode zum molekularen Prüfen. <i>Angewandte Chemie</i> , 2000 , 112, 2178-2181 | 3.6 | 20 |
| 31 | The Use of Immobilized Templates-A New Approach in Molecular Imprinting. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 2115-2118 | 16.4 | 248 |
| 30 | New configurations and applications of molecularly imprinted polymers. <i>Journal of Chromatography A</i> , 2000 , 889, 15-24 | 4.5 | 140 |
| 29 | Molecularly imprinted polymers and their use in biomimetic sensors. <i>Chemical Reviews</i> , 2000 , 100, 2495-584 | | 1836 |

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|----|---|------|-----|
| 28 | An enzyme-linked molecularly imprinted sorbent assay. <i>Analyst, The</i> , 2000 , 125, 13-16 | 5 | 105 |
| 27 | The Use of Imprinted Polymers as Recognition Elements in Biosensors and Binding Assays 2000 , 193-209 | | |
| 26 | Molecularly imprinted sorbent assays and the use of non-related probes. <i>Reactive and Functional Polymers</i> , 1999 , 41, 125-131 | 4.6 | 38 |
| 25 | Enantioselective molecularly imprinted polymer membranes. <i>Chirality</i> , 1999 , 11, 465-469 | 2.1 | 68 |
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