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Evaluation of water-compatible molecularly imprinted polymers as solid-phase extraction sorbents for the selective extraction of sildenafil and its desmethyl metabolite from plasma samples

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Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 853, 346-53.

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#	Paper	IF	Citations
37	Molecularly imprinted-matrix solid-phase dispersion for selective extraction of five fluoroquinolones in eggs and tissue. <i>Analytical Chemistry</i> , 2007 , 79, 8242-8	7.8	138
36	Preparation of new solid phase micro extraction fiber on the basis of atrazine-molecular imprinted polymer: application for GC and GC/MS screening of triazine herbicides in water, rice and onion. <i>Analytica Chimica Acta</i> , 2008 , 616, 152-9	6.6	164
35	Development of a selective molecularly imprinted polymer-based solid-phase extraction for indomethacin from water samples. <i>Analytical and Bioanalytical Chemistry</i> , 2008 , 391, 2905-14	4.4	36
34	Simultaneous isolation of six fluoroquinolones in serum samples by selective molecularly imprinted matrix solid-phase dispersion. <i>Analytica Chimica Acta</i> , 2008 , 625, 154-9	6.6	75
33	Recognition mechanism of water-compatible molecularly imprinted solid-phase extraction and determination of nine quinolones in urine by high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2008 , 1212, 1-9	4.5	76
32	Development and Application of Molecularly Imprinted Polymer as Solid Phase Extraction of Imidacloprid in Environmental Samples. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2008 , 32, 59-71	1.3	12
31	Phthalocyanine-based molecularly imprinted polymers as nucleoside receptors. <i>Metal-Based Drugs</i> , 2008 , 2008, 281843		7
30	Molecularly imprinted polymers and their application in solid phase extraction. <i>Journal of Separation Science</i> , 2009 , 32, 799-812	3.4	23
29	Molecularly imprinted polymers as affinity-based separation media for sample preparation. <i>Journal of Separation Science</i> , 2009 , 32, 1548-65	3.4	151
28	Development of sulfamethoxazole-imprinted polymers for the selective extraction from waters. <i>Journal of Hazardous Materials</i> , 2009 , 170, 722-8	12.8	33
27	Preparation and recognition performance of cholic acid-imprinted material prepared with novel surface-imprinting technique. <i>Polymer</i> , 2009 , 50, 3275-3284	3.9	66
26	Selective separation of basic and reactive dyes by molecularly imprinted polymers (MIPs). <i>Chemical Engineering Journal</i> , 2009 , 149, 263-272	14.7	79
25	Preparation and binding study of solid-phase microextraction fiber on the basis of ametryn-imprinted polymer: application to the selective extraction of persistent triazine herbicides in tap water, rice, maize and onion. <i>Journal of Chromatography A</i> , 2009 , 1216, 2211-9	4.5	91
24	Analysis of permethrin isomers in composite diet samples by molecularly imprinted solid-phase extraction and isotope dilution gas chromatography-ion trap mass spectrometry. <i>Journal of Chromatography A</i> , 2009 , 1216, 4633-40	4.5	24
23	Molecularly imprinted polymers: synthetic receptors in bioanalysis. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 398, 2481-92	4.4	168
22	Solid-Phase Microextraction for Drug Analysis. 2011 , 365-383		1
21	Molecularly imprinted polymers in drug delivery: state of art and future perspectives. <i>Expert Opinion on Drug Delivery</i> , 2011 , 8, 1379-93	8	116

20	Simultaneous Determination of Pregabalin, Sildenafil and Its Active Metabolite in Rat Plasma Utilising SPE Followed by LC-MS/MS. <i>Chromatographia</i> , 2011 , 73, 1177-1182	2.1	8
19	Water-compatible surface imprinting of Baclofen on silica surface for selective recognition and detection in aqueous solution. <i>Analytical Methods</i> , 2012 , 4, 3019	3.2	13
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17	Molecularly Imprinted Polymers. 2012 , 331-344		2
16	The Use of Molecularly Imprinted Polymers for Sampling and Sample Preparation. 2012 , 445-473		
15	Drug Analysis by SPME. 2012 , 335-382		1
14	Development of molecularly imprinted porous polymers for selective adsorption of gaseous compounds. <i>Microporous and Mesoporous Materials</i> , 2012 , 156, 161-165	5.3	13
13	Preparation of water-compatible molecularly imprinted polymers for caffeine with a novel ionic liquid as a functional monomer. <i>Journal of Applied Polymer Science</i> , 2013 , 127, 2884-2890	2.9	31
12	In-tube solid-phase microextraction with molecularly imprinted polymer to determine interferon alpha 2a in plasma sample by high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2013 , 1318, 43-8	4.5	40
11	Water-compatible 'aspartame'-imprinted polymer grafted on silica surface for selective recognition in aqueous solution. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 4245-52	4.4	24
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9	Molecular imprinting science and technology: a survey of the literature for the years 2004-2011. <i>Journal of Molecular Recognition</i> , 2014 , 27, 297-401	2.6	324
8	Water-compatible molecularly imprinted polymers: Promising synthetic substitutes for biological receptors. <i>Polymer</i> , 2014 , 55, 699-714	3.9	111
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2 9. Molecularly Imprinted Polymers: Synthesis, Properties, and Application in Analysis of Real Samples. **2018**, 303-342

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