

Viola Horvath

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45
papers

1,292
citations

18
h-index

35
g-index

48
ext. papers

1,373
ext. citations

5.6
avg, IF

4.04
L-index

#	Paper	IF	Citations
45	Selective trace enrichment of chlorotriazine pesticides from natural waters and sediment samples using terbutylazine molecularly imprinted polymers. <i>Analytical Chemistry</i> , 2000 , 72, 3934-41	7.8	174
44	Electrosynthesized Surface-Imprinted Conducting Polymer Microrods for Selective Protein Recognition. <i>Advanced Materials</i> , 2009 , 21, 2271-2275	24	125
43	Electrosynthesized molecularly imprinted polymers for protein recognition. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 79, 179-190	14.6	106
42	Liposome flow injection immunoassay: implications for sensitivity, dynamic range, and antibody regeneration. <i>Analytical Chemistry</i> , 1990 , 62, 2587-93	7.8	94
41	Determination of phenytoin in plasma by molecularly imprinted solid-phase extraction. <i>Journal of Chromatography A</i> , 2001 , 930, 31-8	4.5	93
40	Effect of solvents on the selectivity of terbutylazine imprinted polymer sorbents used in solid-phase extraction. <i>Journal of Chromatography A</i> , 2002 , 973, 1-12	4.5	79
39	Molecularly imprinted polymer microspheres containing photoswitchable spiropyran-based binding sites. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 8537-45	9.5	56
38	Enantiomer-Selectivity of Ion-selective Electrodes Based on a Chiral Crown-ether Ionophore. <i>Analytical Letters</i> , 1997 , 30, 1591-1609	2.2	47
37	Accelerated development procedure for molecularly imprinted polymers using membrane filterplates. <i>ACS Combinatorial Science</i> , 2009 , 11, 645-52		31
36	Cyclic voltammetric experiments with plasticized PVC membranes. <i>Analytica Chimica Acta</i> , 1993 , 273, 145-152	6.6	30
35	Nonlinear adsorption isotherm as a tool for understanding and characterizing molecularly imprinted polymers. <i>Journal of Chromatography A</i> , 2006 , 1119, 29-33	4.5	29
34	Measurement of sodium ion concentration in undiluted urine with cation-selective polymeric membrane electrodes after the removal of interfering compounds. <i>Talanta</i> , 2007 , 74, 255-64	6.2	28
33	Liposome flow injection immunoassay: model calculations of competitive immunoreactions involving univalent and multivalent ligands. <i>Analytical Chemistry</i> , 1991 , 63, 2007-11	7.8	27
32	Selective solid phase extraction of propranolol on multiwell membrane filter plates modified with molecularly imprinted polymer. <i>Analyst, The</i> , 2011 , 136, 2175-82	5	24
31	Electrochemical template synthesis of protein-imprinted magnetic polymer microrods. <i>Journal of Materials Science</i> , 2013 , 48, 5209-5218	4.3	23
30	Which molecularly imprinted polymer is better?. <i>Analytica Chimica Acta</i> , 2007 , 591, 17-21	6.6	22
29	Sensitive high-performance liquid chromatographic determination of nifedipine in dog plasma using an automated sample preparation system with laboratory robot. <i>Biomedical Applications</i> , 1996 , 686, 211-9		20

28	Molecularly imprinted microspheres prepared by precipitation polymerization at high monomer concentrations. <i>Molecular Imprinting</i> , 2014 , 2, 1-17		18
27	Synthesis of new optically active acridino-18-crown-6 ligands and studies of their potentiometric selectivity toward the enantiomers of protonated 1-phenylethylamine and metal ions. <i>Tetrahedron: Asymmetry</i> , 2009 , 20, 2795-2801		18
26	Fast Potentiometric Analysis of Lead in Aqueous Medium under Competitive Conditions Using an Acridono-Crown Ether Neutral Ionophore. <i>Sensors</i> , 2018 , 18,	3.8	17
25	In situ synthesis of molecularly imprinted nanoparticles in porous support membranes using high-viscosity polymerization solvents. <i>Journal of Molecular Recognition</i> , 2012 , 25, 320-9	2.6	17
24	Novel type of flow injection immunoassay for the determination of phenytoin in serum. <i>Analytica Chimica Acta</i> , 1999 , 391, 9-17	6.6	14
23	Inorganic Salts Trapped in Neutral Carrier Ion-Selective Electrode Membranes form Ion-Exchange Sites. <i>Analytical Letters</i> , 1988 , 21, 2165-2175	2.2	14
22	Preparation of terbutylazine imprinted polymer microspheres using viscous polymerization solvents. <i>Journal of Separation Science</i> , 2009 , 32, 3347-58	3.4	12
21	Determination of nifedipine in human plasma by high performance liquid chromatography using column-switching technique. <i>Mikrochimica Acta</i> , 1994 , 113, 171-178	5.8	12
20	Amperometric measurements with ion-selective electrode membranes in a flow system. <i>Mikrochimica Acta</i> , 1990 , 100, 217-224	5.8	11
19	Nanosphere Lithography as a Versatile Method to Generate Surface-Imprinted Polymer Films for Selective Protein Recognition. <i>Advanced Functional Materials</i> , 2013 , 23, n/a-n/a	15.6	10
18	Selective ion-exchanger behaviour of neutral carrier ion-selective electrode membranes. <i>Talanta</i> , 1989 , 36, 403-5	6.2	9
17	Selectivity of plasticized poly(vinyl chloride)-based ion-selective electrodes. <i>Analytica Chimica Acta</i> , 1993 , 282, 259-264	6.6	8
16	Salt and solvent effects in the microscale chromatographic separation of heparan sulfate disaccharides. <i>Journal of Chromatography A</i> , 2020 , 1610, 460548	4.5	7
15	Enzymatic digestion as a tool for removing proteinaceous templates from molecularly imprinted polymers. <i>Analytical Methods</i> , 2017 , 9, 4496-4503	3.2	6
14	Economic approach to robotic sample pretreatment in high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1997 , 771, 35-43	4.5	6
13	Influence of food on the oral bioavailability of deramciclone from film-coated tablet in healthy male volunteers. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2004 , 58, 689-95	5.7	6
12	Determination of deramciclone and N-desmethylderamciclone in human plasma by liquid chromatography-tandem mass spectrometry using off-line robotic sample pretreatment. <i>Journal of Chromatography A</i> , 2000 , 896, 279-90	4.5	6
11	Immunoassay-based determination of phenobarbital using size-exclusion chromatography. <i>Biomedical Applications</i> , 2000 , 749, 215-23		6

10	Preparation of Molecularly Imprinted Microspheres by Precipitation Polymerization. <i>Methods in Molecular Biology</i> , 2017 , 1575, 341-352	1.4	5
9	High-performance liquid chromatographic-tandem mass spectrometric method for the determination of clemastine in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005 , 816, 153-9	3.2	5
8	Synthesis, Molecular Recognition Study and Liquid Membrane-Based Applications of Highly Lipophilic Enantiopure Acridino-Crown Ethers. <i>Molecules</i> , 2020 , 25,	4.8	4
7	Determination of sorbitol in the presence of high amount of mannitol from biological samples. <i>Periodica Polytechnica: Chemical Engineering</i> , 2014 , 58, 1	1.3	3
6	The influence of antibiotics on transitory resistome during gut colonization with CTX-M-15 and OXA-162 producing <i>Klebsiella pneumoniae</i> ST15. <i>Scientific Reports</i> , 2021 , 11, 6335	4.9	3
5	Changes of potentially anti-nutritive components in Hungarian potatoes from organic and conventional farming. <i>Acta Alimentaria</i> , 2014 , 43, 676-683	1	2
4	Analytical followup of the gamma initiated synthesis of a molecularly imprinted polymer. <i>Analytica Chimica Acta</i> , 2008 , 608, 197-203	6.6	2
3	Ion exchange at neutral carrier ion-selective electrode membranes. <i>Fresenius Journal of Analytical Chemistry</i> , 1993 , 346, 569-571		2
2	Enantiomeric discrimination of chiral crown ether ionophores containing phenazine subcyclic unit by ion-selective potentiometry. <i>Periodica Polytechnica: Chemical Engineering</i> , 2010 , 54, 3	1.3	1
1	Temperature-Responsive Magnetic Nanoparticles for Bioanalysis of Lysozyme in Urine Samples. <i>Nanomaterials</i> , 2021 , 11,	5.4	1