Antonio MartÃ-n-Esteban

List of Publications by Year
in descending order

89 papers	5,272 citations	71061 41 h-index	82499 72 g-index
93 all docs	93 docs citations	93 times ranked	3776 citing authors

#	Article	IF	Citations
1	Green molecularly imprinted polymers for sustainable sample preparation. Journal of Separation Science, 2022, 45, 233-245.	1.3	14
2	Evaluation of 2â€hydroxyethyl methacrylate as comonomer in the preparation of waterâ€compatible molecularly imprinted polymers for triazinic herbicides. Journal of Separation Science, 2022, 45, 2356-2365.	1.3	6
3	Molecularly Imprinted Polymers: Selective Extraction Materials for Sample Preparation. Separations, 2022, 9, 133.	1.1	1
4	Determination of polypeptide antibiotics in animal tissues using liquid chromatography tandem mass spectrometry based on in-line molecularly imprinted solid-phase extraction. Journal of Chromatography A, 2022, 1673, 463192.	1.8	8
5	Miniaturized analytical methods for determination of environmental contaminants of emerging concern â€“ A review. Analytica Chimica Acta, 2021, 1158, 238108.	2.6	49
6	Molecularly Imprinted Polymer-Quantum Dot Materials in Optical Sensors: An Overview of Their Synthesis and Applications. Biosensors, 2021, 11, 79.	2.3	31
7	Membrane-protected molecularly imprinted polymers: Towards selectivity improvement of liquid-phase microextraction. TrAC - Trends in Analytical Chemistry, 2021, 138, 116236.	5.8	14
8	Molecularly Imprinted Polymers. Methods in Molecular Biology, 2021, , .	0.4	3
9	Molecularly imprinted polymers. , 2020, , 215-233.		25
10	Surface modifiedâ€magnetic nanoparticles by molecular imprinting for the dispersive solidâ€phase extraction of triazines from environmental waters. Journal of Separation Science, 2020, 43, 3304-3314.	1.3	10
11	Fluorescent carbonaceous materials isolated from cigarette ashes for the determination of iron(<scp>iii</scp>) in water samples. Analytical Methods, 2020, 12, 3523-3529.	1.3	4
12	Synthesis of Molecularly Imprinted Polymers for the Selective Extraction of Polymyxins from Environmental Water Samples. Polymers, 2020, 12, 131.	2.0	10
13	Analysis of Nosiheptide in Food Animal Tissues via Its Unique Degradation Product by Liquid Chromatographyâ€“Tandem Mass Spectrometry after Alkaline Hydrolysis. Journal of Agricultural and Food Chemistry, 2019, 67, 10791-10799.	2.4	6
14	Application of molecularly imprinted polymers in microextraction and solventless extraction techniques. Comprehensive Analytical Chemistry, 2019, 86, 95-118.	0.7	0
15	Molecularly imprinted polymers-based microextraction techniques. TrAC - Trends in Analytical Chemistry, 2019, 118, 574-586.	5.8	146
16	The application of the supported liquid membrane and molecularly imprinted polymers as solid acceptor phase for selective extraction of biochanin A from urine. Journal of Chromatography A, 2019, 1599, 9-16.	1.8	26
17	Molecularly imprinted polymer monolith containing magnetic nanoparticles for the stir-bar sorptive extraction of thiabendazole and carbendazim from orange samples. Analytica Chimica Acta, 2019, 1045, 117-122.	2.6	73
18	Molecularly imprinted polymer-hollow fiber microextraction of hydrophilic fluoroquinolone antibiotics in environmental waters and urine samples. Journal of Chromatography A, 2019, 1587, 42-49.	1.8	75

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19	Hollow fiber membrane-protected molecularly imprinted microspheres for micro solid-phase extraction and clean-up of thiabendazole in citrus samples. Journal of Chromatography A, 2018, 1531, 39-45.	1.8	36
20	Hollow Fibre Membrane-Protected Molecularly Imprinted Microsolid-Phase Extraction (HFM-Protected-MI-MSPE) of Triazines from Soil Samples. Separations, 2018, 5, 8.	1.1	7
21	CHAPTER 12. Molecularly Imprinted Polymers: Providing Selectivity to Sample Preparation. RSC Polymer Chemistry Series, 2018, , 379-411.	0.1	0
22	Molecularly imprinted magnetic nanoparticles for the micro solidâ€phase extraction of thiabendazole from citrus samples. Journal of Separation Science, 2017, 40, 2638-2644.	1.3	21
23	Molecularly imprinted coreâ€shell magnetic nanoparticles for selective extraction of triazines in soils. Journal of Molecular Recognition, 2017, 30, e2593.	1.1	18
24	Molecularly imprinted polymer monolith containing magnetic nanoparticles for the stir-bar sorptive extraction of triazines from environmental soil samples. Journal of Chromatography A, 2016, 1469, 1-7.	1.8	57
25	Preparation of molecularly imprinted polymeric fibers using a single bifunctional monomer for the solidâ€phase microextraction of parabens from environmental solid samples. Journal of Separation Science, 2016, 39, 552-558.	1.3	32
26	Recent molecularly imprinted polymer-based sample preparation techniques in environmental analysis. Trends in Environmental Analytical Chemistry, 2016, 9, 8-14.	5.3	63
27	Molecularly imprinted polymer-coated hollow fiber membrane for the microextraction of triazines directly from environmental waters. Journal of Chromatography A, 2016, 1442, 12-18.	1.8	49
28	Supported liquid membrane-protected molecularly imprinted beads for the solid phase micro-extraction of triazines from environmental waters. Journal of Chromatography A, 2016, 1432, 1-6.	1.8	48
29	Evaluation of electrochemically synthesized sulfadimethoxine-imprinted polymer for solid-phase microextraction of sulfonamides. Journal of Molecular Recognition, 2014, 27, 415-420.	1.1	25
30	Supported liquid membrane-protected molecularly imprinted beads for micro-solid phase extraction of sulfonamides in environmental waters. Journal of Chromatography A, 2014, 1357, 158-164.	1.8	60
31	Hollow fibre liquid-phase microextraction of parabens from environmental waters. International Journal of Environmental Analytical Chemistry, 2013, 93, 727-738.	1.8	34
32	Molecularly-imprinted polymers as a versatile, highly selective tool in sample preparation. TrAC - Trends in Analytical Chemistry, 2013, 45, 169-181.	5.8	330
33	Molecular Imprinting: A New Journal, A New Home for Imprinters. Molecular Imprinting, 2012, 1, 1-2.	1.8	0
34	Molecularly imprinted stir bars for selective extraction of thiabendazole in citrus samples. Journal of Separation Science, 2012, 35, 2962-2969.	1.3	45
35	Electrosynthesis of molecularly imprinted polypyrrole for the antibiotic levofloxacin. Thin Solid Films, 2012, 520, 1938-1943.	0.8	39
36	Molecularly imprinted polymer grafted to porous polyethylene frits: A new selective solid-phase extraction format. Journal of Chromatography A, 2011, 1218, 7065-7070.	1.8	44

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37	Synthesis of coreâ€shell molecularly imprinted polymer microspheres by precipitation polymerization for the inline molecularly imprinted solidâ€phase extraction of thiabendazole from citrus fruits and orange juice samples. Journal of Separation Science, 2011, 34, 217-224.	1.3	36
38	Supported liquid membrane-protected molecularly imprinted fibre for solid-phase microextraction of thiabendazole. Analytica Chimica Acta, 2011, 694, 83-89.	2.6	65
39	Determination of Nonylphenol and Nonylphenol Ethoxylates in Powdered Milk Infant Formula by HPLC-FL. Journal of Chromatographic Science, 2011, 49, 243-248.	0.7	4
40	Molecularly imprinted polymers for sample preparation: A review. Analytica Chimica Acta, 2010, 668, 87-99.	2.6	433
41	Chromatographic performance of molecularly imprinted polymers: Coreâ€shell microspheres by precipitation polymerization and grafted MIP films via iniferterâ€modified silica beads. Journal of Polymer Science Part A, 2010, 48, 1058-1066.	2.5	60
42	Molecularly imprinted polymer for the extraction of parabens from environmental solid samples prior to their determination by high performance liquid chromatographyâ€“ultraviolet detection. Talanta, 2010, 80, 1782-1788.	2.9	87
43	Molecularly Imprinted Polymers: Providing Selectivity to Sample Preparation. Journal of Chromatographic Science, 2009, 47, 254-256.	0.7	7
44	Molecularly imprinted polymers for solidâ€phase microextraction. Journal of Separation Science, 2009, 32, 3278-3284.	1.3	77
45	Selective sample preparation for the analysis of (fluoro)quinolones in baby food: molecularly imprinted polymers versus anion-exchange resins. Analytical and Bioanalytical Chemistry, 2009, 393, 899-905.	1.9	58
46	Ionic imprinted polymer for nickel recognition by using the bi-functionalized 5-vinyl-8-hydroxyquinoline as a monomer: Application as a new solid phase extraction support. Microchemical Journal, 2009, 93, 225-231.	2.3	60
47	Inductively coupled plasmaâ€“optical emission spectrometry/mass spectrometry for the determination of Cu, Ni, Pb and Zn in seawater after ionic imprinted polymer based solid phase extraction. Talanta, 2009, 79, 723-729.	2.9	126
48	Molecularly imprinted polymer for selective extraction of endocrine disrupters nonylphenol and its ethoxylated derivates from environmental solids. Journal of Separation Science, 2008, 31, 2492-2499.	1.3	20
49	Synthesis, characterization and evaluation of ionic-imprinted polymers for solid-phase extraction of nickel from seawater. Analytica Chimica Acta, 2008, 630, 1-9.	2.6	69
50	Sample Handling of Pesticides in Food and Environmental Samples. , 2008, , .		0
51	Molecularly Imprinted Polymeric Fibers for Solid-Phase Microextraction. Analytical Chemistry, 2007, 79, 3099-3104.	3.2	199
52	Molecularly imprinted polymers for solid-phase extraction and solid-phase microextraction: Recent developments and future trends. Journal of Chromatography A, 2007, 1152, 32-40.	1.8	496
53	Molecular imprinting-based separation methods for selective analysis of fluoroquinolones in soils. Journal of Chromatography A, 2007, 1172, 97-104.	1.8	115
54	Multiresidue analysis of quinolones and fluoroquinolones in soil by ultrasonic-assisted extraction in small columns and HPLC-UV. Analytica Chimica Acta, 2006, 562, 30-35.	2.6	121

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55	Semi-covalent imprinted polymer using propazine methacrylate as template molecule for the clean-up of triazines in soil and vegetable samples. Journal of Chromatography A, 2006, 1114, 255-262.	1.8	75
56	Selective Molecularly Imprinted Polymer Obtained from a Combinatorial Library for the Extraction of Bisphenol A. Combinatorial Chemistry and High Throughput Screening, 2006, 9, 747-751.	0.6	22
57	Synthesis and evaluation of molecularly imprinted polymers for organotin compounds: a screening method for tributyltin detection in seawater. Analytica Chimica Acta, 2005, 531, 33-39.	2.6	20
58	Synthesis and evaluation of new propazine-imprinted polymer formats for use as stationary phases in liquid chromatography. Analytica Chimica Acta, 2005, 542, 38-46.	2.6	88
59	Evaluation of new selective molecularly imprinted polymers prepared by precipitation polymerisation for the extraction of phenylurea herbicides. Journal of Chromatography A, 2005, 1069, 173-181.	1.8	75
60	Selective high performance liquid chromatography imprinted-stationary phases for the screening of phenylurea herbicides in vegetable samples. Journal of Chromatography A, 2005, 1098, 116-122.	1.8	84
61	Molecular imprinting technology in capillary electrochromatography. Journal of Separation Science, 2005, 28, 719-728.	1.3	37
62	Clean up of phenylurea herbicides in plant sample extracts using molecularly imprinted polymers. Analytical and Bioanalytical Chemistry, 2005, 381, 1234-1240.	1.9	51
63	HPLC imprinted-stationary phase prepared by precipitation polymerisation for the determination of thiabendazole in fruit. Analyst, The, 2005, 130, 1601.	1.7	95
64	Molecularly imprinted polymers: towards highly selective stationary phases in liquid chromatography and capillary electrophoresis. Analytical and Bioanalytical Chemistry, 2004, 378, 1876-1886.	1.9	146
65	Molecular imprinting technology: a simple way of synthesizing biomimetic polymeric receptors. Analytical and Bioanalytical Chemistry, 2004, 378, 1875-1875.	1.9	19
66	Stability of fluoroquinolone antibiotics in river water samples and in octadecyl silica solid-phase extraction cartridges. Analytical and Bioanalytical Chemistry, 2004, 380, 123-8.	1.9	37
67	Characterisation and quality assessment of binding sites on a propazine-imprinted polymer prepared by precipitation polymerisation. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 802, 347-353.	1.2	81
68	Characterisation and quality assessment of binding sites on a propazine-imprinted polymer prepared by precipitation polymerisation. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 804, 83.	1.2	3
69	Correcting sensitivity drift during long-term multi-element signal measurements by solid sampling-ETV-ICP-MS. Talanta, 2004, 63, 667-673.	2.9	17
70	Clean-up of triazines in vegetable extracts by molecularly-imprinted solid-phase extraction using a propazine-imprinted polymer. Analytical and Bioanalytical Chemistry, 2003, 376, 491-496.	1.9	85
71	Highly selective fenuron-imprinted polymer with a homogeneous binding site distribution prepared by precipitation polymerisation and its application to the clean-up of fenuron in plant samples. Analytica Chimica Acta, 2003, 482, 165-173.	2.6	119
72	Electrothermal Vaporization â€" Inductively Coupled Plasmaâ€"Mass Spectrometry (ETV-ICP-MS): A Valuable Tool for Direct Multielement Determination in Solid Samples. Critical Reviews in Analytical Chemistry, 2003, 33, 43-55.	1.8	41

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73	Assessment of the cross-reactivity and binding sites characterisation of a propazine-imprinted polymer using the Langmuir-Freundlich isotherm. Analyst, The, 2003, 128, 137-141.	1.7	96
74	Molecular Recognition in a Propazine-imprinted Polymer and Its Application to the Determination of Triazines in Environmental Samples. Analytical Chemistry, 2001, 73, 5133-5141.	3.2	125
75	Molecularly imprinted polymers: new molecular recognition materials for selective solid-phase extraction of organic compounds. Fresenius' Journal of Analytical Chemistry, 2001, 370, 795-802.	1.5	181
76	Effect of template size on the selectivity of molecularly imprinted polymers for phenylurea herbicides. Chromatographia, 2001, 53, S434-S437.	0.7	32
77	Microwave-assisted extraction method for the determination of atrazine and four organophosphorus pesticides in oranges by gas chromatography (GC). Fresenius' Journal of Analytical Chemistry, 2000, 367, 291-294.	1.5	47
78	Removal of atrazine and four organophosphorus pesticides from environmental waters by diatomaceous earthâ€“remediation method. Journal of Environmental Monitoring, 2000, 2, 420-423.	2.1	50
79	The preparation of a certified reference material of polar pesticides in freeze-dried water (CRM 606). Fresenius' Journal of Analytical Chemistry, 1999, 363, 632-640.	1.5	6
80	Determination of trace metals in waters and compost by on-line precipitation coupled to flame atomic absorption spectrophotometry or ion chromatography. Talanta, 1999, 48, 959-966.	2.9	14
81	Evaluation of a mixed immunosorbent for selective trace enrichment of phenylurea herbicides from plant material. Fresenius' Journal of Analytical Chemistry, 1998, 362, 547-551.	1.5	13
82	Preparation, Homogeneity and Stability of Polar Pesticides in Freeze-Dried Water Interlaboratory Exercise. International Journal of Environmental Analytical Chemistry, 1997, 67, 125-141.	1.8	7
83	Mixed Immunosorbent for Selective On-line Trace Enrichment and Liquid Chromatography of Phenylurea Herbicides in Environmental Waters. Analyst, The, 1997, 122, 1113-1118.	1.7	33
84	Baker's Yeast Biomass (Saccharomyces cerevisae) for Selective On-Line Trace Enrichment and Liquid Chromatography of Polar Pesticides in Water. Analytical Chemistry, 1997, 69, 3267-3271.	3.2	25
85	Immunoaffinity-based extraction of phenylurea herbicides using mixed antibodies against isoproturon and chlortoluron. Chromatographia, 1997, 45, 364-368.	0.7	29
86	Immunosorbents: A new tool for pesticide sample handling in environmental analysis. Fresenius' Journal of Analytical Chemistry, 1997, 357, 927-933.	1.5	21
87	New design for the on-line solid-phase extraction of pesticides using membrane extraction disk material and liquid chromatography in environmental waters. Journal of Chromatography A, 1996, 752, 291-297.	1.8	9
88	Breakthrough Volumes Increased by the Addition of Salt in the On-Line Solid-Phase Extraction and Liquid Chromatography of Pesticides in Environmental Water. International Journal of Environmental Analytical Chemistry, 1996, 63, 127-135.	1.8	9
89	On-line preconcentration of aluminium with immobilized Chromotrope 2B for the determination by flame atomic absorption spectrometry and inductively coupled plasma mass spectrometry. Analytica Chimica Acta, 1995, 304, 121-126.	2.6	24