

Maryam Arabi

List of Publications by Year in descending order

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32
papers

3,802
citations

185998

28
h-index

414034

32
g-index

32
all docs

32
docs citations

32
times ranked

2343
citing authors

#	ARTICLE	IF	CITATIONS
1	Technical Challenges of Molecular-Imprinting-Based Optical Sensors for Environmental Pollutants. <i>Langmuir</i> , 2022, 38, 5963-5967.	1.6	81
2	Greenificated Molecularly Imprinted Materials for Advanced Applications. <i>Advanced Materials</i> , 2022, 34, .	11.1	140
3	Label-free SERS detection of Raman-Inactive protein biomarkers by Raman reporter indicator: Toward ultrasensitivity and universality. <i>Biosensors and Bioelectronics</i> , 2021, 174, 112825.	5.3	181
4	Molecular Imprinting: Green Perspectives and Strategies. <i>Advanced Materials</i> , 2021, 33, e2100543.	11.1	359
5	Onâ€œOffâ€œOn Fluorescent Chemosensors Based on N/P-Codoped Carbon Dots for Detection of Microcystin-LR. <i>ACS Applied Nano Materials</i> , 2021, 4, 6852-6860.	2.4	37
6	Multi-emitting fluorescence sensor of MnO ₂ â€œOPDâ€œQD for the multiplex and visual detection of ascorbic acid and alkaline phosphatase. <i>Journal of Materials Chemistry C</i> , 2020, 8, 5554-5561.	2.7	62
7	Facile approach to the synthesis of molecularly imprinted ratiometric fluorescence nanosensor for the visual detection of folic acid. <i>Food Chemistry</i> , 2020, 319, 126575.	4.2	59
8	Rational construction of a triple emission molecular imprinting sensor for accurate naked-eye detection of folic acid. <i>Nanoscale</i> , 2020, 12, 6529-6536.	2.8	49
9	Molecular-Imprinting-Based Surface-Enhanced Raman Scattering Sensors. <i>ACS Sensors</i> , 2020, 5, 601-619.	4.0	139
10	Hydrophilic molecularly imprinted nanospheres for the extraction of rhodamine B followed by HPLC analysis: A green approach and hazardous waste elimination. <i>Talanta</i> , 2020, 215, 120933.	2.9	148
11	Strategies of molecular imprinting-based solid-phase extraction prior to chromatographic analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 128, 115923.	5.8	313
12	Construction of molecularly imprinted nanoparticles by employing ultrasound waves for selective determination of doxepin from human plasma samples: Modeling and optimization. <i>Biomedical Chromatography</i> , 2019, 33, e4675.	0.8	10
13	Preparation of hollow porous molecularly imprinted and aluminum(III) doped silica nanospheres for extraction of the drugs valsartan and losartan prior to their quantitation by HPLC. <i>Mikrochimica Acta</i> , 2019, 186, 702.	2.5	30
14	Column packing elimination in matrix solid phase dispersion by using water compatible magnetic molecularly imprinted polymer for recognition of melamine from milk samples. <i>Journal of Chromatography A</i> , 2019, 1594, 13-22.	1.8	78
15	Application of Molecularly Imprinted Biomembrane for Advancement of Matrix Solid-Phase Dispersion for Clean Enrichment of Parabens from Powder Sunscreen Samples: Optimization of Chromatographic Conditions and Green Approach. <i>ACS Omega</i> , 2019, 4, 3839-3849.	1.6	49
16	Dummy molecularly imprinted polymers based on a green synthesis strategy for magnetic solid-phase extraction of acrylamide in food samples. <i>Talanta</i> , 2019, 195, 390-400.	2.9	302
17	Fabrication of water-compatible superparamagnetic molecularly imprinted biopolymer for clean separation of baclofen from bio-fluid samples: A mild and green approach. <i>Talanta</i> , 2018, 179, 760-768.	2.9	110
18	Hydrophilic Multitemplate Molecularly Imprinted Biopolymers Based on a Green Synthesis Strategy for Determination of B-Family Vitamins. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 4140-4150.	4.0	310

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19	Application of 2-((benzyliminomethyl)amino)ethoxy-4-(4-methoxyphenyl)azo)phenol in construction of ion-selective PVC membrane electrode for determination of copper (II) in mineral water sample. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4040.	1.7	6
20	A molecularly imprinted polymer coupled with high-performance liquid chromatography-UV for the determination of albendazole in plasma and urine samples: CCD-RSM design. <i>New Journal of Chemistry</i> , 2018, 42, 15937-15945.	1.4	7
21	Simple and selective detection of quercetin in extracts of plants and food samples by dispersive-micro-solid phase extraction based on core-shell magnetic molecularly imprinted polymers. <i>New Journal of Chemistry</i> , 2018, 42, 16144-16153.	1.4	80
22	Development of an eco-friendly approach based on dispersive liquid-liquid microextraction for the quantitative determination of quercetin in <i>Nasturtium officinale</i> , <i>Apium graveolens</i> , <i>Spinacia oleracea</i> , <i>Brassica oleracea</i> var. <i>sabellica</i> , and food samples. <i>New Journal of Chemistry</i> , 2018, 42, 14340-14348.	1.4	19
23	Hydrophilic Multitemplate Molecularly Imprinted Biopolymers Based on a Green Synthesis Strategy for Determination of B-Family Vitamins. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 4140-4150.	4.0	120
24	Water compatible molecularly imprinted nanoparticles as a restricted access material for extraction of hippuric acid, a biological indicator of toluene exposure, from human urine. <i>Mikrochimica Acta</i> , 2017, 184, 879-887.	2.5	113
25	Synthesis and application of in-situ molecularly imprinted silica monolithic in pipette-tip solid-phase microextraction for the separation and determination of gallic acid in orange juice samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1048, 102-110.	1.2	92
26	Development of a Lower Toxic Approach Based on Green Synthesis of Water-Compatible Molecularly Imprinted Nanoparticles for the Extraction of Hydrochlorothiazide from Human Urine. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 3775-3785.	3.2	219
27	Hollow porous molecularly imprinted polymer for highly selective clean-up followed by influential preconcentration of ultra-trace glibenclamide from bio-fluid. <i>Journal of Chromatography A</i> , 2017, 1520, 65-74.	1.8	127
28	Cu@SnS/SnO ₂ nanoparticles as novel sorbent for dispersive micro solid phase extraction of atorvastatin in human plasma and urine samples by high-performance liquid chromatography with UV detection: Application of central composite design (CCD). <i>Ultrasonics Sonochemistry</i> , 2017, 36, 42-49.	3.8	76
29	Novel strategy for synthesis of magnetic dummy molecularly imprinted nanoparticles based on functionalized silica as an efficient sorbent for the determination of acrylamide in potato chips: Optimization by experimental design methodology. <i>Talanta</i> , 2016, 154, 526-532.	2.9	186
30	Synthesis and application of molecularly imprinted nanoparticles combined ultrasonic assisted for highly selective solid phase extraction trace amount of celecoxib from human plasma samples using design expert (DXB) software. <i>Ultrasonics Sonochemistry</i> , 2016, 33, 67-76.	3.8	78
31	Development of dummy molecularly imprinted based on functionalized silica nanoparticles for determination of acrylamide in processed food by matrix solid phase dispersion. <i>Food Chemistry</i> , 2016, 210, 78-84.	4.2	156
32	Synthesis of lab-in-a-pipette-tip extraction using hydrophilic nano-sized dummy molecularly imprinted polymer for purification and analysis of prednisolone. <i>Journal of Colloid and Interface Science</i> , 2016, 480, 232-239.	5.0	66