

Abbas Ostovan

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

2,249
citations

394286

19
h-index

580701

25
g-index

25
all docs

25
docs citations

25
times ranked

1817
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	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
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	Magnetic molecularly imprinted polymer for the efficient and selective preconcentration of diazinon before its determination by high-performance liquid chromatography. <i>Journal of Separation Science</i> , 2015, 38, 2797-2803.	1.3	46
17	MOF-5(Zn)-Fe ₂ O ₄ nanocomposite based magnetic solid-phase microextraction followed by HPLC-UV for efficient enrichment of colchicine in root of colchicum extracts and plasma samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1067, 45-52.	1.2	42
18	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

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19	A highly selective nanocomposite based on MIP for curcumin trace levels quantification in food samples and human plasma following optimization by central composite design. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1040, 129-135.	1.2	29
20	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
21	Ultrasonically synthesis of Mn- and Cu- @ ZnS-NPs-AC based ultrasound assisted extraction procedure and validation of a spectrophotometric method for a rapid preconcentration of Allura Red AC (E129) in food and water samples. <i>Ultrasonics Sonochemistry</i> , 2018, 43, 52-60.	3.8	15
22	A facile and selective approach for enrichment of l-cysteine in human plasma sample based on zinc organic polymer: Optimization by response surface methodology. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 149, 166-171.	1.4	9
23	The Use of Ultrasound in pipette-tip solid-phase extraction based on CuS@ZnS@Fe ₃ O ₄ @CNTs for preconcentration of tartrazine in water samples. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4274.	1.7	7
24	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
25	Application of novel copper organic material for facile microextraction of sodium valproate from human plasma samples: Experimental design optimization and isotherm study. <i>Applied Organometallic Chemistry</i> , 2018, 32, e3960.	1.7	3