

# 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	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
2	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
3	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
4	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
5	The Use of Ultrasound in pipette-tip solid-phase extraction based on CuS@ZnS@Fe <sub>3</sub> O <sub>4</sub> @CNTs for pre-concentration of tartrazine in water samples. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4274.	1.7	7
6	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
7	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
8	Hydrophilic Multitemplate Molecularly Imprinted Biopolymers Based on a Green Synthesis Strategy for Determination of B-Family Vitamins. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 4140-4150.	4.0	310
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	MOF-5(Zn)-Fe <sub>2</sub> O <sub>4</sub> 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

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19	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
20	Cu@SnS/SnO <sub>2</sub> 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
21	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
22	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
23	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
24	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
25	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