Mohammad Reza Milani Hosseini

List of Publications by Year
in descending order

42 papers	7,049 citations	218677 26 h-index	265206 42 g-index
42 all docs	42 docs citations	42 times ranked	4638 citing authors

#	Article	IF	Citations
1	Determination of organic compounds in water using dispersive liquidâ€“liquid microextraction. Journal of Chromatography A, 2006, 1116, 1-9.	3.7	3,021
2	Dispersive liquidâ€“liquid microextraction combined with gas chromatography-flame photometric detection. Journal of Chromatography A, 2006, 1123, 1-9.	3.7	715
3	Dispersive liquidâ€“liquid microextraction combined with graphite furnace atomic absorption spectrometry. Analytica Chimica Acta, 2007, 585, 305-311.	5.4	377
4	Determination of chlorophenols in water samples using simultaneous dispersive liquidâ€“liquid microextraction and derivatization followed by gas chromatography-electron-capture detection. Journal of Chromatography A, 2007, 1157, 23-29.	3.7	343
5	Part-per-trillion determination of chlorobenzenes in water using dispersive liquidâ€“liquid microextraction combined gas chromatographyâ€“electron capture detection. Talanta, 2007, 72, 387-393.	5.5	253
6	Highly improved electrooxidation of glucose at a nickel(II) oxide/multi-walled carbon nanotube modified glassy carbon electrode. Bioelectrochemistry, 2010, 77, 120-124.	4.6	228
7	Monitoring of selenium in water samples using dispersive liquidâ€“liquid microextraction followed by iridium-modified tube graphite furnace atomic absorption spectrometry. Microchemical Journal, 2007, 87, 6-12.	4.5	178
8	Solid-phase extraction combined with dispersive liquidâ€“liquid microextraction-ultra preconcentration of chlorophenols in aqueous samples. Journal of Chromatography A, 2007, 1169, 63-69.	3.7	171
9	Sample preparation method for the analysis of some organophosphorus pesticides residues in tomato by ultrasound-assisted solvent extraction followed by dispersive liquidâ€“liquid microextraction. Food Chemistry, 2011, 126, 1840-1844.	8.2	152
10	Rapid determination of lead in water samples by dispersive liquidâ€“liquid microextraction coupled with electrothermal atomic absorption spectrometry. Talanta, 2008, 75, 56-62.	5.5	146
11	Development of a dispersive liquidâ€“liquid microextraction method for the determination of polychlorinated biphenyls in water. Journal of Hazardous Materials, 2008, 158, 621-627.	12.4	143
12	Combination of dispersive liquidâ€“liquid microextraction with flame atomic absorption spectrometry using microsample introduction for determination of lead in water samples. Analytica Chimica Acta, 2008, 610, 135-141.	5.4	138
13	Synthesis of salicylaldehyde-modified mesoporous silica and its application as a new sorbent for separation, preconcentration and determination of uranium by inductively coupled plasma atomic emission spectrometry. Analytica Chimica Acta, 2006, 579, 68-73.	5.4	134
14	Development of dispersive liquidâ€“liquid microextraction method for the analysis of organophosphorus pesticides in tea. Journal of Hazardous Materials, 2009, 169, 907-911.	12.4	114
15	A novel capacitive biosensor for cholesterol assay that uses an electropolymerized molecularly imprinted polymer. Electrochimica Acta, 2010, 55, 1503-1508.	5.2	109
16	Molecularly imprinted polymer nanoparticles-based electrochemical sensor for determination of diazinon pesticide in well water and apple fruit samples. Analytical and Bioanalytical Chemistry, 2016, 408, 6769-6779.	3.7	99
17	Speciation of butyl and phenyltin compounds using dispersive liquidâ€“liquid microextraction and gas chromatography-flame photometric detection. Journal of Chromatography A, 2008, 1193, 19-25.	3.7	95
18	Speciation of chromium in water samples using dispersive liquidâ€“liquid microextraction and flame atomic absorption spectrometry. Mikrochimica Acta, 2009, 166, 69-75.	5.0	89

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19	Selenium analysis in water samples by dispersive liquid-liquid microextraction based on piazselenol formation and GCâ€“ECD. Mikrochimica Acta, 2008, 163, 243-249.	5.0	81
20	High sensitive and selective nano-molecularly imprinted polymer based electrochemical sensor for midazolam drug detection in pharmaceutical formulation and human urine samples. Sensors and Actuators B: Chemical, 2018, 273, 1579-1586.	7.8	49
21	Screen-printed carbon electrode (SPCE) modified by molecularly imprinted polymer (MIP) nanoparticles and graphene nanosheets for determination of sertraline antidepressant drug. Microchemical Journal, 2020, 159, 105348.	4.5	43
22	Determination of psychotropic drug chlorpromazine using screen printed carbon electrodes modified with novel MIP-MWCNTs nano-composite prepared by suspension polymerization method. Sensors and Actuators B: Chemical, 2019, 288, 356-362.	7.8	38
23	A solid-phase luminescence sensor based on molecularly imprinted polymer-CdSeS/ZnS quantum dots for selective extraction and detection of sulfasalazine in biological samples. Talanta, 2019, 194, 534-541.	5.5	36
24	Cloud-point extraction, preconcentration, and spectrophotometric determination of palladium in water samples. International Journal of Environmental Analytical Chemistry, 2006, 86, 1105-1112.	3.3	33
25	Dispersive Liquidâ€“Liquid Microextraction of Silver Prior to Determination by Microsample Introduction-Flame Atomic Absorption Spectrometry. Analytical Letters, 2009, 42, 2214-2231.	1.8	33
26	New method based on combining ultrasonic assisted miniaturized matrix solid-phase dispersion and homogeneous liquidâ€“liquid extraction for the determination of some organochlorinated pesticides in fish. Analytica Chimica Acta, 2011, 702, 274-279.	5.4	32
27	Continuous sample drop flow-based microextraction method as a microextraction technique for determination of organic compounds in water sample. Talanta, 2014, 129, 309-314.	5.5	26
28	Electroanalytical determination of diazepam in tablet and human serum samples using a multiwalled carbon nanotube embedded molecularly imprinted polymer-modified carbon paste electrode. RSC Advances, 2015, 5, 81650-81659.	3.6	24
29	Smartphone-based detection of lung cancer-related volatile organic compounds (VOCs) using rapid synthesized ZnO nanosheet. Sensors and Actuators B: Chemical, 2021, 344, 130127.	7.8	24
30	Application of ratiometric fluorescence sensor-based microwave-assisted synthesized CdTe quantum dots and mesoporous structured epitope-imprinted polymers for highly efficient determination of tyrosine phosphopeptide. Analytical Methods, 2020, 12, 63-72.	2.7	21
31	Electrochemical sensor based on a carbon paste electrode modified by graphene nanosheets and molecularly imprinted polymer nanoparticles for determination of a chlordiazepoxide drug. Analytical Methods, 2016, 8, 6305-6312.	2.7	19
32	Determination of As(III) using developed dispersive liquidâ€“liquid microextraction and flame atomic absorption spectrometry. International Journal of Environmental Analytical Chemistry, 2011, 91, 1453-1465.	3.3	13
33	Terbium metalâ€“organic frameworks as capable electrodes for supercapacitors. New Journal of Chemistry, 2020, 44, 11615-11621.	2.8	13
34	Fabrication of an eco-friendly ratiometric fluorescence sensor-modified mesoporous-structured epitope-imprinted polymer for highly selective and sensitive determination of cytochrome c in biological samples. Analytical Methods, 2019, 11, 5919-5928.	2.7	10
35	Preparation and utilization of microporous molecularly imprinted polymer for sustained release of tetracycline. Journal of Applied Polymer Science, 2013, 128, 1557-1562.	2.6	9
36	A 96-Monolithic inorganic hollow fiber array as a new geometry for high throughput solid-phase microextraction of doxorubicin in water and human urine samples coupled with liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2020, 1627, 461413.	3.7	9

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37	Electrooxidation of alcohols at a nickel oxide/multi-walled carbon nanotube-modified glassy carbon electrode. Journal of Applied Electrochemistry, 2013, 43, 1027-1033.	2.9	8
38	Improved Homogeneous Liquidâ€“Liquid Extraction Combined with GCâ€“ECD for the Determination of Organochlorinated Pesticides in Water. Chromatographia, 2012, 75, 379-385.	1.3	7
39	A new application of functionalized platinum nanoparticles as chemiresistor coating. Measurement: Journal of the International Measurement Confederation, 2013, 46, 3328-3332.	5.0	7
40	Molecularly Imprinted Solâ€Gel Sensing Filmâ€Based Optical Sensor for Determination of Sulfasalazine Antibiotic. ChemistrySelect, 2020, 5, 13191-13197.	1.5	4
41	A molecularly imprinted modified CdSeS/ZnS coreâ€“shell quantum dot embedded glass slide for highly selective and sensitive solid phase optosensing of trace amounts of lidocaine in biological samples. Analytical Methods, 2019, 11, 851-859.	2.7	3
42	Bimetallic nanoparticles as a novel chemiresistor coating. Journal of the Iranian Chemical Society, 2013, 10, 783-789.	2.2	2