

Hamid Reza Sobhi

List of Publications by Year in descending order

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48
papers

1,601
citations

279798

23
h-index

315739

38
g-index

48
all docs

48
docs citations

48
times ranked

1986
citing authors

#	ARTICLE	IF	CITATIONS
1	Contaminants of emerging concern: a review of new approach in AOP technologies. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 414.	2.7	194
2	Comparison between a high-resolution single-stage Orbitrap and a triple quadrupole mass spectrometer for quantitative analyses of drugs. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 499-509.	1.5	124
3	Littered cigarette butt as a well-known hazardous waste: A comprehensive systematic review. <i>Journal of Hazardous Materials</i> , 2020, 383, 121242.	12.4	101
4	Implementation of an ultrasonic assisted dispersive 1/4-solid phase extraction method for trace analysis of lead in aqueous and urine samples. <i>Microchemical Journal</i> , 2019, 146, 782-788.	4.5	59
5	Extraction and determination of trace amounts of chlorpromazine in biological fluids using hollow fiber liquid phase microextraction followed by high-performance liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 45, 769-774.	2.8	58
6	Synthesis and evaluation of the performance of g-C ₃ N ₄ /Fe ₃ O ₄ /Ag photocatalyst for the efficient removal of diazinon: Kinetic studies. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 389, 112279.	3.9	57
7	Application of dispersive solid phase extraction based on a surfactant-coated titanium-based nanomagnetic sorbent for preconcentration of bisphenol A in water samples. <i>Journal of Chromatography A</i> , 2017, 1518, 25-33.	3.7	50
8	Efficient visible light-induced photocatalytic removal of paraquat using N-doped TiO ₂ @SiO ₂ @Fe ₃ O ₄ nanocomposite. <i>Journal of Molecular Liquids</i> , 2020, 299, 112167.	4.9	48
9	Quantitation of atorvastatin in human plasma using directly suspended acceptor droplet in liquid-liquid microextraction and high-performance liquid chromatography-ultraviolet detection. <i>Talanta</i> , 2009, 80, 1001-1006.	5.5	45
10	A new nano-photocatalyst based on Pt and Bi co-doped TiO ₂ for efficient visible-light photo degradation of amoxicillin. <i>New Journal of Chemistry</i> , 2019, 43, 1562-1568.	2.8	45
11	A theoretical study of substitution effects on halogen- π interactions. <i>Molecular Physics</i> , 2014, 112, 1160-1166.	1.7	44
12	Solid drop based liquid-phase microextraction. <i>Journal of Chromatography A</i> , 2010, 1217, 2337-2341.	3.7	41
13	The conjunction of a new ultrasonic-assisted dispersive solid-phase extraction method with HPLC-DAD for the trace determination of diazinon in biological and water media. <i>New Journal of Chemistry</i> , 2018, 42, 4289-4296.	2.8	41
14	A nanomagnetic and 3-mercaptopropyl-functionalized silica powder for dispersive solid phase extraction of Hg(II) prior to its determination by continuous-flow cold vapor AAS. <i>Mikrochimica Acta</i> , 2017, 184, 2317-2323.	5.0	40
15	Heavy metals content in edible mushrooms: A systematic review, meta-analysis and health risk assessment. <i>Trends in Food Science and Technology</i> , 2021, 109, 527-535.	15.1	40
16	Photocatalytic processes associated with degradation of pesticides in aqueous solutions: Systematic review and meta-analysis. <i>Chemical Engineering Journal</i> , 2022, 428, 130081.	12.7	39
17	Quantitation of mononitrotoluenes in aquatic environment using dispersive liquid-liquid microextraction followed by gas chromatography-flame ionization detection. <i>Journal of Hazardous Materials</i> , 2010, 175, 279-283.	12.4	37
18	Extraction and determination of 2-pyrazoline derivatives using liquid phase microextraction based on solidification of floating organic drop. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 1059-1063.	2.8	35

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19	Photocatalytic degradation of cefixime with MIL-125(Ti)-mixed linker decorated by g-C ₃ N ₄ under solar driven light irradiation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 582, 123874.	4.7	34
20	Application of a surfactant-assisted dispersive liquid-liquid microextraction method along with central composite design for micro-volume based spectrophotometric determination of low level of Cr(VI) ions in aquatic samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 202, 36-40.	3.9	33
21	Application of a photocatalytic ozonation process using TiO ₂ magnetic nanoparticles for the removal of Ceftazidime from aqueous solutions: Evaluation of performance, comparative study and mechanism. <i>Optik</i> , 2020, 212, 164667.	2.9	31
22	Application of a dispersive solid-phase extraction method using an amino-based silica-coated nanomagnetic sorbent for the trace quantification of chlorophenoxyacetic acids in water samples. <i>Journal of Separation Science</i> , 2017, 40, 3479-3486.	2.5	30
23	A global systematic review, meta-analysis and health risk assessment on the quantity of Malathion, Diazinon and Chlorpyrifos in Vegetables. <i>Chemosphere</i> , 2021, 270, 129382.	8.2	30
24	Pt-based TiO ₂ photocatalytic systems: A systematic review. <i>Journal of Molecular Liquids</i> , 2022, 352, 118685.	4.9	26
25	A comprehensive systematic review and meta-analysis on the extraction of pesticide by various solid phase-based separation methods: a case study of malathion. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 1068-1085.	3.3	24
26	Application of modified hollow fiber liquid phase microextraction in conjunction with chromatography-electron capture detection for quantification of acrylamide in waste water samples at ultra-trace levels. <i>Journal of Chromatography A</i> , 2017, 1487, 30-35.	3.7	21
27	Extraction of carbonyl derivatives from ozonated wastewater samples using hollow fiber liquid phase microextraction followed by gas chromatography-electron capture detection. <i>Microchemical Journal</i> , 2019, 148, 331-337.	4.5	20
28	Highly Selective and Sensitive Triiodide PVC-Based Membrane Electrode Based on a New Charge Transfer Complex of 2-((2-((E)-1-(2-Hydroxyphenyl) Methylidene) Amino) Phenyl) Imino) Methyl) Phenol for Nano-Level Monitoring of Triiodide. <i>Analytical Letters</i> , 2006, 39, 683-695.	1.8	19
29	Trace quantification of selected sulfonamides in aqueous media by implementation of a new dispersive solid-phase extraction method using a nanomagnetic titanium dioxide graphene-based sorbent and HPLC-UV. <i>Journal of Separation Science</i> , 2018, 41, 910-917.	2.5	19
30	Dispersive solid-phase extraction of selected nitrophenols from environmental water samples using a zirconium-based amino-tagged metal-organic framework nanosorbent. <i>Journal of Separation Science</i> , 2018, 41, 4159-4166.	2.5	19
31	Application of a novel bi-functional nanoadsorbent for the simultaneous removal of inorganic and organic compounds: Equilibrium, kinetic and thermodynamic studies. <i>Journal of Molecular Liquids</i> , 2019, 273, 543-550.	4.9	17
32	Quantitation of valproic acid in pharmaceutical preparations using dispersive liquid-liquid microextraction followed by gas chromatography-flame ionization detection without prior derivatization. <i>Drug Testing and Analysis</i> , 2010, 2, 362-366.	2.6	16
33	Application of MIL-53(Fe)/urchin-like g-C ₃ N ₄ nanocomposite for efficient degradation of cefixime. <i>Inorganic Chemistry Communication</i> , 2020, 111, 107565.	3.9	16
34	An efficient sample preparation method based on dispersive liquid-liquid microextraction associated with back extraction for trace determination of acidic pharmaceuticals. <i>Arabian Journal of Chemistry</i> , 2020, 13, 1924-1932.	4.9	15
35	A new dendrimer-functionalized magnetic nanosorbent for the efficient adsorption and subsequent trace measurement of Hg (II) ions in wastewater samples. <i>Journal of Molecular Liquids</i> , 2021, 323, 114472.	4.9	15
36	Combination of ultrasonic-assisted dispersive liquid phase micro-extraction with magnetic dispersive solid-phase extraction for the pre-concentration of trace amounts of atrazine in various water samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2021, 101, 609-620.	3.3	15

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37	Generic approach for the sensitive absolute quantification of large undigested peptides in plasma using a particular liquid chromatography–mass spectrometry setup. <i>Journal of Chromatography A</i> , 2011, 1218, 8536-8543.	3.7	14
38	Trace measurement of lead and cadmium ions in wastewater samples using a novel dithizone immobilized metal–organic framework-based dispersive solid-phase extraction. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5715.	3.5	13
39	Photocatalytic Degradation of Metronidazole Using $\text{C}_3\text{N}_4/\text{Bi}_2\text{O}_7$ Composites Under Visible Light Irradiation: Degradation Product, and Mechanisms. <i>ChemistrySelect</i> , 2019, 4, 10288-10295.	1.5	12
40	Application of a modified MWCNT-based d- μ SPE procedure for determination of bisphenols in soft drinks. <i>Food Chemistry</i> , 2022, 385, 132644.	8.2	12
41	Tandem use of solid-phase extraction and dispersive liquid–liquid microextraction for the determination of mononitrotoluenes in aquatic environment. <i>Journal of Separation Science</i> , 2011, 34, 1035-1040.	2.5	11
42	Synthesis and application of g-C ₃ N ₄ /Fe ₃ O ₄ /Ag nanocomposite for the efficient photocatalytic inactivation of <i>Escherichia coli</i> and <i>Bacillus subtilis</i> bacteria in aqueous solutions. <i>AMB Express</i> , 2021, 11, 161.	3.0	10
43	Tuning of tetrel bonds interactions by substitution and cooperative effects in $\text{XH}_3\text{Si}(\text{NCH}_2)_2\text{HM}$ (X = H, F, Cl, Br; M = Li, Na, BeH and MgH) complexes. <i>Molecular Physics</i> , 2016, 114, 1974-1982.	1.7	9
44	Simultaneous derivatization and extraction of nitrophenols in soil and rain samples using modified hollow-fiber liquid-phase microextraction followed by gas chromatography–mass spectrometry. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 9055-9065.	2.7	8
45	SIMPLE MEASUREMENT OF TESTOSTERONE IN MALE SALIVA SAMPLES USING DISPERSIVE LIQUID–LIQUID MICROEXTRACTION FOLLOWED BY LIQUID CHROMATOGRAPHY–TANDEM MASS SPECTROMETRY DETECTION. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014, 37, 1278-1286.	1.0	6
46	Application of a new N,S-containing silica-coated nanomagnetic sorbent for the trace quantification of Hg(II) ions in aquatic samples: evaluation of adsorption mechanism. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 719-728.	2.2	3
47	Efficient photocatalytic degradation of metronidazole from aqueous solutions using Co/g-C ₃ N ₄ /Fe ₃ O ₄ nanocomposite under visible light irradiation. <i>Environmental Science and Pollution Research</i> , 2022, 29, 25486-25495.	5.3	3
48	Photoelectrocatalytic degradation of sulphonamide antibiotics in aquatic media using a novel Co-doped ZnO nanocomposite: evaluation of performance, kinetic studies. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-12.	3.3	2