

Ahmad Reza Bagheri

List of Publications by Year in descending order

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33
papers

2,278
citations

279798

23
h-index

414414

32
g-index

33
all docs

33
docs citations

33
times ranked

1962
citing authors

#	ARTICLE	IF	CITATIONS
1	Strategies of molecular imprinting-based solid-phase extraction prior to chromatographic analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 128, 115923.	11.4	313
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.	5.5	302
3	Comparative study on ultrasonic assisted adsorption of dyes from single system onto Fe ₃ O ₄ magnetite nanoparticles loaded on activated carbon: Experimental design methodology. <i>Ultrasonics Sonochemistry</i> , 2017, 34, 294-304.	8.2	164
4	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.	5.5	148
5	Covalent organic frameworks as emerging host platforms for enzyme immobilization and robust biocatalysis – A review. <i>International Journal of Biological Macromolecules</i> , 2021, 167, 502-515.	7.5	115
6	Microplastic contaminants in the aqueous environment, fate, toxicity consequences, and remediation strategies. <i>Environmental Research</i> , 2021, 200, 111762.	7.5	110
7	Design and construction of nanoscale material for ultrasonic assisted adsorption of dyes: Application of derivative spectrophotometry and experimental design methodology. <i>Ultrasonics Sonochemistry</i> , 2017, 35, 112-123.	8.2	107
8	Covalent organic frameworks as robust materials for mitigation of environmental pollutants. <i>Chemosphere</i> , 2021, 270, 129523.	8.2	92
9	Modeling and optimization of simultaneous removal of ternary dyes onto copper sulfide nanoparticles loaded on activated carbon using second-derivative spectrophotometry. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 65, 212-224.	5.3	91
10	Occurrence, potential ecological risks, and degradation of endocrine disrupter, nonylphenol, from the aqueous environment. <i>Chemosphere</i> , 2021, 275, 130013.	8.2	87
11	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.	3.7	78
12	Environmental occurrence, toxicity concerns, and remediation of recalcitrant nitroaromatic compounds. <i>Journal of Environmental Management</i> , 2021, 291, 112685.	7.8	71
13	Chitosan-based hybrid materials for adsorptive removal of dyes and underlying interaction mechanisms. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 399-422.	7.5	61
14	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.	3.5	49
15	Green preparation of dual-template chitosan-based magnetic water-compatible molecularly imprinted biopolymer. <i>Carbohydrate Polymers</i> , 2020, 236, 116102.	10.2	48
16	Synthesis of chitosan based molecularly imprinted polymer for pipette-tip solid phase extraction of Rhodamine B from chili powder samples. <i>International Journal of Biological Macromolecules</i> , 2019, 139, 40-48.	7.5	47
17	Molecularly imprinted polymers-based adsorption and photocatalytic approaches for mitigation of environmentally-hazardous pollutants – A review. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104879.	6.7	44
18	Application of Cu-based metal-organic framework (Cu-BDC) as a sorbent for dispersive solid-phase extraction of gallic acid from orange juice samples using HPLC-UV method. <i>Arabian Journal of Chemistry</i> , 2020, 13, 5218-5228.	4.9	42

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19	Towards the room-temperature synthesis of covalent organic frameworks: a mini-review. <i>Journal of Materials Science</i> , 2021, 56, 1116-1132.	3.7	36
20	Recent advances in covalent organic frameworks for cancer diagnosis and therapy. <i>Biomaterials Science</i> , 2021, 9, 5745-5761.	5.4	33
21	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.	5.0	30
22	New frontiers and prospects of metal-organic frameworks for removal, determination, and sensing of pesticides. <i>Environmental Research</i> , 2021, 194, 110654.	7.5	30
23	Magnetic metal organic framework for pre-concentration of ampicillin from cow milk samples. <i>Journal of Pharmaceutical Analysis</i> , 2020, 10, 365-375.	5.3	28
24	Mitigation of environmentally hazardous pollutants by magnetically responsive composite materials. <i>Chemosphere</i> , 2021, 276, 130241.	8.2	22
25	Recent Advances in the Application of Covalent Organic Frameworks in Extraction: A Review. <i>Critical Reviews in Analytical Chemistry</i> , 0, , 1-34.	3.5	20
26	Polyoxometalate-based materials in extraction, and electrochemical and optical detection methods: A review. <i>Analytica Chimica Acta</i> , 2022, 1209, 339509.	5.4	19
27	Applications of covalent organic frameworks and their composites in the extraction of pesticides from different samples. <i>Journal of Chromatography A</i> , 2022, 1661, 462612.	3.7	18
28	Comparative study of acid yellow 119 adsorption onto activated carbon prepared from lemon wood and ZnO nanoparticles loaded on activated carbon. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4080.	3.5	17
29	Oxidoreductases as a versatile biocatalytic tool to tackle pollutants for clean environment – a review. <i>Journal of Chemical Technology and Biotechnology</i> , 2022, 97, 420-435.	3.2	16
30	Two-dimensional materials as a platform in extraction methods: A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 152, 116606.	11.4	16
31	Simultaneous removal of Cu ²⁺ and Cr ³⁺ ions from aqueous solution based on Complexation with Eriochrome cyanine-R and derivative spectrophotometric method. <i>Applied Organometallic Chemistry</i> , 2018, 32, e3918.	3.5	11
32	Carbon nanomaterials as emerging nanotherapeutic platforms to tackle the rising tide of cancer – A review. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 51, 116493.	3.0	10
33	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.	3.5	3