

Ebrahim Alipanahpour Dil

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/86031/publications.pdf>

Version: 2024-02-01

32
papers

2,292
citations

185998

28
h-index

414034

32
g-index

32
all docs

32
docs citations

32
times ranked

2233
citing authors

#	ARTICLE	IF	CITATIONS
1	Screening and optimization of highly effective ultrasound-assisted simultaneous adsorption of cationic dyes onto Mn-doped Fe ₃ O ₄ -nanoparticle-loaded activated carbon. <i>Ultrasonics Sonochemistry</i> , 2017, 34, 1-12.	3.8	165
2	The performance of nanorods material as adsorbent for removal of azo dyes and heavy metal ions: Application of ultrasound wave, optimization and modeling. <i>Ultrasonics Sonochemistry</i> , 2017, 34, 792-802.	3.8	153
3	Application of artificial neural network and response surface methodology for the removal of crystal violet by zinc oxide nanorods loaded on activate carbon: kinetics and equilibrium study. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 59, 210-220.	2.7	122
4	Preparation of nanomaterials for the ultrasound-enhanced removal of Pb ²⁺ ions and malachite green dye: Chemometric optimization and modeling. <i>Ultrasonics Sonochemistry</i> , 2017, 34, 677-691.	3.8	121
5	Application of hydrophobic deep eutectic solvent as the carrier for ferrofluid: A novel strategy for pre-concentration and determination of mefenamic acid in human urine samples by high performance liquid chromatography under experimental design optimization. <i>Talanta</i> , 2019, 202, 526-530.	2.9	108
6	RSM-CCD design of malachite green adsorption onto activated carbon with multimodal pore size distribution prepared from <i>Amygdalus scoparia</i> : Kinetic and isotherm studies. <i>Polyhedron</i> , 2019, 171, 464-472.	1.0	106
7	Ultrasound wave assisted adsorption of congo red using gold-magnetic nanocomposite loaded on activated carbon: Optimization of process parameters. <i>Ultrasonics Sonochemistry</i> , 2018, 46, 99-105.	3.8	100
8	Magnetic dispersive micro-solid phase extraction with the CuO/ZnO@Fe ₃ O ₄ -CNTs nanocomposite sorbent for the rapid pre-concentration of chlorogenic acid in the medical extract of plants, food, and water samples. <i>Analyst, The</i> , 2019, 144, 2684-2695.	1.7	92
9	Modeling and optimization of Hg ²⁺ ion biosorption by live yeast <i>Yarrowia lipolytica</i> 70562 from aqueous solutions under artificial neural network-genetic algorithm and response surface methodology: kinetic and equilibrium study. <i>RSC Advances</i> , 2016, 6, 54149-54161.	1.7	90
10	Optimizing adsorptive removal of malachite green and methyl orange dyes from simulated wastewater by Mn-doped CuO-Nanoparticles loaded on activated carbon using CCD-RSM: Mechanism, regeneration, isotherm, kinetic, and thermodynamic studies. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4768.	1.7	88
11	Trace determination of safranin O dye using ultrasound assisted dispersive solid-phase micro extraction: Artificial neural network-genetic algorithm and response surface methodology. <i>Ultrasonics Sonochemistry</i> , 2016, 33, 129-140.	3.8	81
12	Highly efficient simultaneous biosorption of Hg ²⁺ , Pb ²⁺ and Cu ²⁺ by Live yeast <i>Yarrowia lipolytica</i> 70562 following response surface methodology optimization: Kinetic and isotherm study. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 48, 162-172.	2.9	79
13	Synthesis and application of Ce-doped TiO ₂ nanoparticles loaded on activated carbon for ultrasound-assisted adsorption of Basic Red 46 dye. <i>Ultrasonics Sonochemistry</i> , 2019, 58, 104702.	3.8	78
14	Magnetic Cu: CuO-GO nanocomposite for efficient dispersive micro-solid phase extraction of polycyclic aromatic hydrocarbons from vegetable, fruit, and environmental water samples by liquid chromatographic determination. <i>Talanta</i> , 2020, 218, 121131.	2.9	77
15	Dispersive micro-solid phase extraction based on Fe ₃ O ₄ @SiO ₂ @Ti-MOF as a magnetic nanocomposite sorbent for the trace analysis of caffeic acid in the medical extracts of plants and water samples prior to HPLC-LIV analysis. <i>Analyst, The</i> , 2019, 144, 4351-4361.	1.7	74
16	Optimization and modeling of preconcentration and determination of dyes based on ultrasound assisted-dispersive liquid-liquid microextraction coupled with derivative spectrophotometry. <i>Ultrasonics Sonochemistry</i> , 2017, 34, 27-36.	3.8	71
17	Synthesis and characterization of ZnO-nanorods loaded onto activated carbon and its application for efficient solid phase extraction and determination of BG from water samples by micro-volume spectrophotometry. <i>New Journal of Chemistry</i> , 2015, 39, 9407-9414.	1.4	70
18	Optimization of process parameters for determination of trace Hazardous dyes from industrial wastewaters based on nanostructures materials under ultrasound energy. <i>Ultrasonics Sonochemistry</i> , 2018, 40, 238-248.	3.8	69

#	ARTICLE	IF	CITATIONS
19	Ultrasound assisted extraction of Maxilon Red GRL dye from water samples using cobalt ferrite nanoparticles loaded on activated carbon as sorbent: Optimization and modeling. <i>Ultrasonics Sonochemistry</i> , 2017, 38, 672-680.	3.8	68
20	Nano-sized FeO@SiO ₂ -molecular imprinted polymer as a sorbent for dispersive solid-phase microextraction of melatonin in the methanolic extract of , biological, and water samples. <i>Talanta</i> , 2021, 221, 121620.	2.9	67
21	A ferrofluidic hydrophobic deep eutectic solvent for the extraction of doxycycline from urine, blood plasma and milk samples prior to its determination by high-performance liquid chromatography-ultraviolet. <i>Journal of Chromatography A</i> , 2020, 1613, 460695.	1.8	66
22	Comparison between dispersive solid-phase and dispersive liquid-liquid microextraction combined with spectrophotometric determination of malachite green in water samples based on ultrasound-assisted and preconcentration under multi-variable experimental design optimization. <i>Ultrasonics Sonochemistry</i> , 2017, 39, 374-383.	3.8	56
23	Application of modified magnetic nanomaterial for optimization of ultrasound-enhanced removal of Pb ²⁺ ions from aqueous solution under experimental design: Investigation of kinetic and isotherm. <i>Ultrasonics Sonochemistry</i> , 2017, 36, 409-419.	3.8	50
24	Multi-responses optimization of simultaneous biosorption of cationic dyes by live yeast <i>Yarrowia lipolytica</i> 70562 from binary solution: Application of first order derivative spectrophotometry. <i>Ecotoxicology and Environmental Safety</i> , 2017, 139, 158-164.	2.9	49
25	Modeling and optimization of ultrasound-assisted high performance adsorption of Basic Fuchsin by starch-capped zinc selenide nanoparticles/AC as a novel composite using response surface methodology. <i>International Journal of Biological Macromolecules</i> , 2020, 152, 913-921.	3.6	47
26	Highly selective magnetic dual template molecularly imprinted polymer for simultaneous enrichment of sulfadiazine and sulfathiazole from milk samples based on syringe-to-syringe magnetic solid-phase microextraction. <i>Talanta</i> , 2021, 232, 122449.	2.9	39
27	Magnetic dual-template molecularly imprinted polymer based on syringe-to-syringe magnetic solid-phase microextraction for selective enrichment of p-Coumaric acid and ferulic acid from pomegranate, grape, and orange samples. <i>Food Chemistry</i> , 2020, 325, 126902.	4.2	30
28	Simultaneous selective enrichment of methylparaben, propylparaben, and butylparaben from cosmetics samples based on syringe-to-syringe magnetic fluid phase microextraction. <i>Talanta</i> , 2021, 221, 121547.	2.9	30
29	Biocompatible chitosan-zinc oxide nanocomposite based dispersive micro-solid phase extraction coupled with HPLC-UV for the determination of rosmarinic acid in the extracts of medical plants and water sample. <i>International Journal of Biological Macromolecules</i> , 2020, 154, 528-537.	3.6	26
30	Multi-responses optimization of simultaneous adsorption of methylene blue and malachite green dyes in binary aqueous system onto Ni:FeO(OH)@NiO/AC using experimental design: derivative spectrophotometry method. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4148.	1.7	15
31	A new approach for microextraction of trace albendazole sulfoxide drug from the samples of human plasma and urine, and water by the molecularly imprinted polymer nanoparticles combined with HPLC. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1158, 122249.	1.2	3
32	Application of artificial neural network for comparison and modeling of the ultrasonic and stirrer assisted removal of anionic dye using activated carbon supported with nanostructure material. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4050.	1.7	2