

Behrooz Zargar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9511769/publications.pdf>

Version: 2024-02-01

35
papers

1,006
citations

471509

17
h-index

434195

31
g-index

35
all docs

35
docs citations

35
times ranked

1643
citing authors

#	ARTICLE	IF	CITATIONS
1	Zinc Oxide Nanostructure-Modified Textile and Its Application to Biosensing, Photocatalysis, and as Antibacterial Material. <i>Langmuir</i> , 2015, 31, 10913-10921.	3.5	229
2	Copper nanoparticles: A new colorimetric probe for quick, naked-eye detection of sulfide ions in water samples. <i>Talanta</i> , 2014, 121, 234-238.	5.5	104
3	Colorimetric Disposable Paper Coated with ZnO@ZnS Core-Shell Nanoparticles for Detection of Copper Ions in Aqueous Solutions. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 17694-17701.	8.0	71
4	A simple and fast colorimetric method for detection of hydrazine in water samples based on formation of gold nanoparticles as a colorimetric probe. <i>Sensors and Actuators B: Chemical</i> , 2013, 182, 706-710.	7.8	50
5	Localized surface plasmon resonance of gold nanoparticles as colorimetric probes for determination of Isoniazid in pharmacological formulation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 106, 185-189.	3.9	42
6	Evaluating magnetic nano-ferrofluid as a novel coagulant for surface water treatment. <i>Journal of Molecular Liquids</i> , 2016, 219, 694-702.	4.9	40
7	ZnO nanoparticles-induced oxidative stress in <i>Chenopodium murale</i> L, Zn uptake, and accumulation under hydroponic culture. <i>Environmental Science and Pollution Research</i> , 2020, 27, 11066-11078.	5.3	39
8	Colorimetric determination of resorcinol based on localized surface plasmon resonance of silver nanoparticles. <i>Analyst</i> , 2012, 137, 5334.	3.5	38
9	Fabrication and characterization of highly-ordered Zinc Oxide nanorods on gold/glass electrode, and its application as a voltammetric sensor. <i>Electrochimica Acta</i> , 2015, 174, 1261-1267.	5.2	33
10	Fast Removal and Recovery of Methylene Blue by Activated Carbon Modified with Magnetic Iron Oxide Nanoparticles. <i>Journal of the Chinese Chemical Society</i> , 2011, 58, 694-699.	1.4	32
11	Electrochemical investigation and stripping voltammetric determination of captopril at CuO nanoparticles/multi-wall carbon nanotube nanocomposite electrode in tablet and urine samples. <i>Analytical Methods</i> , 2015, 7, 1026-1035.	2.7	28
12	Hollow fiber liquid based microextraction combined with high-performance liquid-chromatography for the analysis of lidocaine in biological and pharmaceutical samples. <i>Analytical Methods</i> , 2014, 6, 2506.	2.7	24
13	Acetone extraction and HPLC determination of acrylamide in potato chips. <i>Journal of the Iranian Chemical Society</i> , 2010, 7, 853-858.	2.2	23
14	Prussian blue nanoparticles: a simple and fast optical sensor for colorimetric detection of hydralazine in pharmaceutical samples. <i>Analytical Methods</i> , 2014, 6, 5951.	2.7	21
15	Zein bio-nanoparticles: a novel green nanopolymer as a dispersive solid-phase extraction adsorbent for separating and determining trace amounts of azorubine in different foodstuffs. <i>RSC Advances</i> , 2016, 6, 73096-73105.	3.6	20
16	Synthesis of an ion-imprinted sorbent by surface imprinting of magnetized carbon nanotubes for determination of trace amounts of cadmium ions. <i>Mikrochimica Acta</i> , 2017, 184, 4521-4529.	5.0	19
17	Metal oxide/TiO ₂ nanocomposites as efficient adsorbents for relatively high temperature H ₂ S removal. <i>Journal of Natural Gas Science and Engineering</i> , 2018, 59, 363-373.	4.4	19
18	Catalytic Square-Wave Voltammetric Determination of Acrylamide in Potato Chips. <i>Analytical Letters</i> , 2009, 42, 1407-1417.	1.8	17

#	ARTICLE	IF	CITATIONS
19	Validity of bioconjugated silica nanoparticles in comparison with direct smear, culture, and polymerase chain reaction for detection of <i>Mycobacterium tuberculosis</i> in sputum specimens. <i>International Journal of Nanomedicine</i> , 2011, 6, 2729.	6.7	15
20	Response surface methodology based on central composite design as a chemometric tool for optimizing dispersive liquid-liquid microextraction for determining ultra-trace amounts of zinc in oil and water samples. <i>Analytical Methods</i> , 2016, 8, 5101-5110.	2.7	15
21	Corrosion protection evaluation of <i>Allium Jesdianum</i> as a novel and green source inhibitor for mild steel in 1M HCl solution. <i>Journal of Molecular Liquids</i> , 2021, 344, 117768.	4.9	14
22	Adsorption and removal of ametryn using graphene oxide nano-sheets from farm waste water and optimization using response surface methodology. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 1383-1390.	2.2	13
23	Synthesis of AgNPs functionalized CuMOF/PPy-rGO nanocomposite and its use as an electrochemical sensor for metronidazole determination. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 1954-1964.	1.4	13
24	Ni(II) analysis in food and environmental samples by liquid-liquid microextraction combined with electro-thermal atomic absorption spectrometry. <i>Microchemical Journal</i> , 2017, 133, 311-319.	4.5	10
25	Novel magnetic hollow zein nanoparticles for preconcentration of chlorpyrifos from water and soil samples prior to analysis via high-performance liquid chromatography (HPLC). <i>Analyst</i> , 2018, 143, 2174-2182.	3.5	10
26	Application of vortex-assisted solid-phase extraction for the simultaneous preconcentration of Cd(II) and Pb(II) by nano clinoptilolite modified with 5-(p-dimethylaminobenzylidene) rhodanine. <i>Analytical Methods</i> , 2019, 11, 3996-4005.	2.7	9
27	Hollow Fiber Liquid Based Microextraction of Nalidixic Acid in Urine Samples Using Aliquat 336 as a Carrier Combined with High-Performance Liquid Chromatography. <i>Journal of Chromatographic Science</i> , 2015, 54, bmv117.	1.4	8
28	Separation and pre-concentration of Sunset Yellow in beverages and effervescent vitamin C tablets by a new flotation technique prior to spectrophotometric determination. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2019, 36, 1605-1615.	2.3	8
29	Dendrimer-modified magnetic nanoparticles as a sorbent in dispersive micro-solid phase extraction for preconcentration of metribuzin in a water sample. <i>Analytical Methods</i> , 2020, 12, 5332-5343.	2.7	8
30	An effervescence-assisted dispersive liquid-liquid microextraction of captopril based on hydrophobic deep eutectic solvent. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 2185-2193.	1.4	8
31	Ultrasonic-Assisted Solid-Phase Extraction Pre-concentration and Determination of Nicotinamide and Nicotinic Acid by High-Performance Liquid Chromatography Using Anthracite. <i>Food Analytical Methods</i> , 2015, 8, 2235-2242.	2.6	7
32	Over-oxidized carbon paste electrode modified with pretreated carbon nanofiber for the simultaneous detection of epinephrine and uric acid in the presence of ascorbic acid. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 1013-1025.	2.2	6
33	Modulation of the toxic effects of zinc oxide nanoparticles by exogenous salicylic acid pretreatment in <i>Chenopodium murale</i> L.. <i>Environmental Science and Pollution Research</i> , 2021, 28, 65644-65654.	5.3	6
34	Synthesis and dye adsorption studies of the		