

Hosein Khoshshafar

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

2,323
citations

218381

26
h-index

395343

33
g-index

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all docs

33
docs citations

33
times ranked

2596
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual-template rectangular nanotube molecularly imprinted polypyrrole for label-free impedimetric sensing of AFP and CEA as lung cancer biomarkers. <i>Talanta</i> , 2022, 239, 123146.	2.9	39
2	Construction and application of a novel electrochemical sensor for trace determination of uranium based on ion-imprinted polymers modified glassy carbon electrode. <i>Chemosphere</i> , 2022, 292, 133435.	4.2	12
3	Enzymeless voltammetric sensor for simultaneous determination of parathion and paraoxon based on Nd-based metal-organic framework. <i>Chemosphere</i> , 2022, 292, 133440.	4.2	15
4	Wearable Potentiometric Sensor Based on $\text{Na}^{0.44}\text{MnO}_2$ for Non-invasive Monitoring of Sodium Ions in Sweat. <i>Analytical Chemistry</i> , 2022, 94, 2263-2270.	3.2	16
5	A colorimetric electronic tongue for point-of-care detection of COVID-19 using salivary metabolites. <i>Talanta</i> , 2022, 246, 123537.	2.9	17
6	Mask assistance to colorimetric sniffers for detection of Covid-19 disease using exhaled breath metabolites. <i>Sensors and Actuators B: Chemical</i> , 2022, 369, 132379.	4.0	22
7	Colorimetric immunosensor for determination of prostate specific antigen using surface plasmon resonance band of colloidal triangular shape gold nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 222, 117218.	2.0	35
8	Reduced graphene oxide decorated on Cu/CuO-Ag nanocomposite as a high-performance material for the construction of a non-enzymatic sensor: Application to the determination of carbaryl and fenamiphos pesticides. <i>Materials Science and Engineering C</i> , 2019, 102, 764-772.	3.8	66
9	Dual-modality impedimetric immunosensor for early detection of prostate-specific antigen and myoglobin markers based on antibody-molecularly imprinted polymer. <i>Talanta</i> , 2019, 202, 111-122.	2.9	106
10	Enhanced Visual Wireless Electrochemiluminescence Immunosensing of Prostate-Specific Antigen Based on the Luminol Loaded into MIL-53(Fe)- NH_2 Accelerator and Hydrogen Evolution Reaction Mediation. <i>Analytical Chemistry</i> , 2019, 91, 6383-6390.	3.2	71
11	Determination of tramadol in pharmaceutical products and biological samples using a new nanocomposite carbon paste sensor based on decorated nanographene/tramadol-imprinted polymer nanoparticles/ionic liquid. <i>Ionics</i> , 2018, 24, 833-843.	1.2	40
12	A novel electrochemical platform for sensitive and simultaneous determination of dopamine, uric acid and ascorbic acid based on $\text{Fe}_3\text{O}_4\text{SnO}_2\text{Gr}$ ternary nanocomposite. <i>Microchemical Journal</i> , 2017, 131, 120-129.	2.3	116
13	An electrochemical sensor for the simultaneous determination of rifampicin and isoniazid using a C-dots@ CuFe_2O_4 nanocomposite modified carbon paste electrode. <i>New Journal of Chemistry</i> , 2017, 41, 15564-15573.	1.4	55
14	Nanomolar simultaneous determination of tryptophan and melatonin by a new ionic liquid carbon paste electrode modified with $\text{SnO}_2\text{-Co}_3\text{O}_4\text{@rGO}$ nanocomposite. <i>Materials Science and Engineering C</i> , 2017, 71, 386-394.	3.8	74
15	Protein capped Cu nanoclusters-SWCNT nanocomposite as a novel candidate of high performance platform for organophosphates enzymeless biosensor. <i>Biosensors and Bioelectronics</i> , 2017, 89, 829-836.	5.3	95
16	Magnetic Carbon Paste Electrode Modified with a High Performance Composite Based on Molecularly Imprinted Carbon Nanotubes for Sensitive Determination of Levofloxacin. <i>Journal of the Electrochemical Society</i> , 2016, 163, B422-B427.	1.3	47
17	Novel potentiometric sensor for the trace-level determination of Zn^{2+} based on a new nanographene/ion imprinted polymer composite. <i>International Journal of Environmental Analytical Chemistry</i> , 2016, 96, 929-944.	1.8	44
18	Sensitive and simple simultaneous determination of morphine and codeine using a Zn_2SnO_4 nanoparticle/graphene composite modified electrochemical sensor. <i>New Journal of Chemistry</i> , 2016, 40, 7102-7112.	1.4	74

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19	Simultaneous electrochemical sensing of thallium, lead and mercury using a novel ionic liquid/graphene modified electrode. <i>Analytica Chimica Acta</i> , 2015, 870, 56-66.	2.6	144
20	A novel sensor for sensitive determination of atropine based on a Co ₃ O ₄ -reduced graphene oxide modified carbon paste electrode. <i>New Journal of Chemistry</i> , 2015, 39, 3875-3881.	1.4	56
21	Facile stripping voltammetric determination of haloperidol using a high performance magnetite/carbon nanotube paste electrode in pharmaceutical and biological samples. <i>Materials Science and Engineering C</i> , 2014, 37, 264-270.	3.8	70
22	A new nano-composite electrode as a copper (II) selective potentiometric sensor. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 1373-1380.	1.2	12
23	Novel Sensor Fabrication for the Determination of Nanomolar Concentrations of Hg ²⁺ in Some Foods and Water Samples Based on Multi-walled Carbon Nanotubes/Ionic Liquid and a New Schiff Base. <i>Food Analytical Methods</i> , 2014, 7, 1204-1212.	1.3	11
24	Preparation of NiFe ₂ O ₄ /graphene nanocomposite and its application as a modifier for the fabrication of an electrochemical sensor for the simultaneous determination of tramadol and acetaminophen. <i>Analytica Chimica Acta</i> , 2014, 831, 50-59.	2.6	127
25	Facile simultaneous electrochemical determination of codeine and acetaminophen in pharmaceutical samples and biological fluids by graphene-CoFe ₂ O ₄ nanocomposite modified carbon paste electrode. <i>Sensors and Actuators B: Chemical</i> , 2014, 203, 909-918.	4.0	119
26	Construction of a carbon ionic liquid paste electrode based on multi-walled carbon nanotubes-synthesized Schiff base composite for trace electrochemical detection of cadmium. <i>Materials Science and Engineering C</i> , 2014, 35, 8-14.	3.8	70
27	A new nano-composite modified carbon paste electrode as a high performance potentiometric sensor for nanomolar Tl(I) determination. <i>Journal of Molecular Liquids</i> , 2014, 197, 52-57.	2.3	45
28	Simultaneous electrochemical determination of heavy metals using a triphenylphosphine/MWCNTs composite carbon ionic liquid electrode. <i>Sensors and Actuators B: Chemical</i> , 2013, 186, 451-460.	4.0	158
29	Novel potentiometric sensor for the determination of Cd ²⁺ based on a new nano-composite. <i>International Journal of Environmental Analytical Chemistry</i> , 2013, 93, 578-591.	1.8	49
30	A Potentiometric Sensor for Cd ²⁺ Based on Carbon Nanotube Paste Electrode Constructed from Room Temperature Ionic Liquid, Ionophore and Silica Nanoparticles. <i>Electroanalysis</i> , 2012, 24, 2176-2185.	1.5	54
31	Preparation and characterization of magnetic nanocomposite of Schiff base/silica/magnetite as a preconcentration phase for the trace determination of heavy metal ions in water, food and biological samples using atomic absorption spectrometry. <i>Talanta</i> , 2012, 97, 87-95.	2.9	312
32	Simultaneous trace-levels determination of Hg(II) and Pb(II) ions in various samples using a modified carbon paste electrode based on multi-walled carbon nanotubes and a new synthesized Schiff base. <i>Analytica Chimica Acta</i> , 2012, 746, 98-106.	2.6	123
33	Novel sensor fabrication for the determination of nanomolar concentrations of Ce ³⁺ in aqueous solutions. <i>Analytical Methods</i> , 2012, 4, 1753.	1.3	29