

# 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

33  
all docs

33  
docs citations

33  
times ranked

2596  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Preparation of NiFe <sub>2</sub> O <sub>4</sub> /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
5	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
6	Facile simultaneous electrochemical determination of codeine and acetaminophen in pharmaceutical samples and biological fluids by graphene@CoFe <sub>2</sub> O <sub>4</sub> nanocomposite modified carbon paste electrode. <i>Sensors and Actuators B: Chemical</i> , 2014, 203, 909-918.	4.0	119
7	A novel electrochemical platform for sensitive and simultaneous determination of dopamine, uric acid and ascorbic acid based on Fe <sub>3</sub> O <sub>4</sub> SnO <sub>2</sub> Gr ternary nanocomposite. <i>Microchemical Journal</i> , 2017, 131, 120-129.	2.3	116
8	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
9	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
10	Sensitive and simple simultaneous determination of morphine and codeine using a Zn <sub>2</sub> SnO <sub>4</sub> nanoparticle/graphene composite modified electrochemical sensor. <i>New Journal of Chemistry</i> , 2016, 40, 7102-7112.	1.4	74
11	Nanomolar simultaneous determination of tryptophan and melatonin by a new ionic liquid carbon paste electrode modified with SnO <sub>2</sub> -Co <sub>3</sub> O <sub>4</sub> @rGO nanocomposite. <i>Materials Science and Engineering C</i> , 2017, 71, 386-394.	3.8	74
12	Enhanced Visual Wireless Electrochemiluminescence Immunosensing of Prostate-Specific Antigen Based on the Luminol Loaded into MIL-53(Fe)-NH <sub>2</sub> Accelerator and Hydrogen Evolution Reaction Mediation. <i>Analytical Chemistry</i> , 2019, 91, 6383-6390.	3.2	71
13	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
14	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
15	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
16	A novel sensor for sensitive determination of atropine based on a Co <sub>3</sub> O <sub>4</sub> -reduced graphene oxide modified carbon paste electrode. <i>New Journal of Chemistry</i> , 2015, 39, 3875-3881.	1.4	56
17	An electrochemical sensor for the simultaneous determination of rifampicin and isoniazid using a C-dots@CuFe <sub>2</sub> O <sub>4</sub> nanocomposite modified carbon paste electrode. <i>New Journal of Chemistry</i> , 2017, 41, 15564-15573.	1.4	55
18	A Potentiometric Sensor for Cd <sup>2+</sup> 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

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19	Novel potentiometric sensor for the determination of Cd <sup>2+</sup> based on a new nano-composite. International Journal of Environmental Analytical Chemistry, 2013, 93, 578-591.	1.8	49
20	Magnetic Carbon Paste Electrode Modified with a High Performance Composite Based on Molecularly Imprinted Carbon Nanotubes for Sensitive Determination of Levofloxacin. Journal of the Electrochemical Society, 2016, 163, B422-B427.	1.3	47
21	A new nano-composite modified carbon paste electrode as a high performance potentiometric sensor for nanomolar Tl(I) determination. Journal of Molecular Liquids, 2014, 197, 52-57.	2.3	45
22	Novel potentiometric sensor for the trace-level determination of Zn <sup>2+</sup> based on a new nanographene/ion imprinted polymer composite. International Journal of Environmental Analytical Chemistry, 2016, 96, 929-944.	1.8	44
23	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. Ionics, 2018, 24, 833-843.	1.2	40
24	Dual-template rectangular nanotube molecularly imprinted polypyrrole for label-free impedimetric sensing of AFP and CEA as lung cancer biomarkers. Talanta, 2022, 239, 123146.	2.9	39
25	Colorimetric immunosensor for determination of prostate specific antigen using surface plasmon resonance band of colloidal triangular shape gold nanoparticles. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 222, 117218.	2.0	35
26	Novel sensor fabrication for the determination of nanomolar concentrations of Ce <sup>3+</sup> in aqueous solutions. Analytical Methods, 2012, 4, 1753.	1.3	29
27	Mask assistance to colorimetric sniffers for detection of Covid-19 disease using exhaled breath metabolites. Sensors and Actuators B: Chemical, 2022, 369, 132379.	4.0	22
28	A colorimetric electronic tongue for point-of-care detection of COVID-19 using salivary metabolites. Talanta, 2022, 246, 123537.	2.9	17
29	Wearable Potentiometric Sensor Based on Na <sup>0.44</sup> MnO <sub>2</sub> for Non-invasive Monitoring of Sodium Ions in Sweat. Analytical Chemistry, 2022, 94, 2263-2270.	3.2	16
30	Enzymeless voltammetric sensor for simultaneous determination of parathion and paraoxon based on Nd-based metal-organic framework. Chemosphere, 2022, 292, 133440.	4.2	15
31	A new nano-composite electrode as a copper (II) selective potentiometric sensor. Journal of the Iranian Chemical Society, 2014, 11, 1373-1380.	1.2	12
32	Construction and application of a novel electrochemical sensor for trace determination of uranium based on ion-imprinted polymers modified glassy carbon electrode. Chemosphere, 2022, 292, 133435.	4.2	12
33	Novel Sensor Fabrication for the Determination of Nanomolar Concentrations of Hg <sup>2+</sup> in Some Foods and Water Samples Based on Multi-walled Carbon Nanotubes/Ionic Liquid and a New Schiff Base. Food Analytical Methods, 2014, 7, 1204-1212.	1.3	11