

# Laleh Hosseinzadeh

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

697  
citations

471509

17  
h-index

610901

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

834  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of paper-based aptasensor for circulating tumor cells detection in the breast cancer. <i>Journal of Electroanalytical Chemistry</i> , 2022, 910, 116182.	3.8	14
2	Earlier diagnoses of acute leukemia by a sandwich type of electrochemical aptasensor based on copper sulfide-graphene composite. <i>Analytica Chimica Acta</i> , 2021, 1146, 1-10.	5.4	31
3	Determination of homocysteine using a dopamine-functionalized graphene composite. <i>Microchemical Journal</i> , 2021, 165, 106124.	4.5	24
4	Advances in aptasensor technology. <i>Advances in Clinical Chemistry</i> , 2020, 99, 237-279.	3.7	31
5	Silver nanofibers/ionic liquid nanocomposite based electrochemical sensor for detection of clonazepam via electrochemically amplified detection. <i>Microchemical Journal</i> , 2019, 145, 1185-1190.	4.5	53
6	Development of electrochemical sensor for sensitive determination of oxazepam based on silver-platinum core-shell nanoparticles supported on graphene. <i>Journal of Electroanalytical Chemistry</i> , 2018, 823, 61-66.	3.8	57
7	Detection of aflD gene in contaminated pistachio with <i>Aspergillus flavus</i> by DNA based electrochemical biosensor. <i>International Journal of Food Properties</i> , 2017, 20, S119-S130.	3.0	7
8	Graphene sheet for improving the electrocatalytic activity of a benzofuran derivative modified electrode for determination of epinephrine in the presence of serotonin. <i>Journal of Analytical Chemistry</i> , 2017, 72, 689-698.	0.9	5
9	Enhanced electro-oxidation of urea based on nickel nanoparticle decorated reduced graphene oxide/PEDOT:PSS composite. <i>Scientia Iranica</i> , 2017, 24, 1678-1685.	0.4	2
10	A Sensitive Electrochemical Aptasensor for TNF- $\alpha$ Based on Bimetallic Ag@Pt Core-Shell Nanoparticle Functionalized Graphene Nanostructures as Labels for Signal Amplification. <i>Journal of the Electrochemical Society</i> , 2016, 163, B119-B124.	2.9	22
11	Surface passivation of titanium dioxide via an electropolymerization method to improve the performance of dye-sensitized solar cells. <i>RSC Advances</i> , 2016, 6, 12537-12543.	3.6	6
12	Detection of the M268T Angiotensinogen A3B2 mutation gene based on screen-printed electrodes modified with a nanocomposite: application to human genomic samples. <i>Mikrochimica Acta</i> , 2016, 183, 219-227.	5.0	9
13	Ultrasensitive Electrochemical Immunosensor for Detection of Tumor Necrosis Factor- $\alpha$ Based on Functionalized MWCNT@Gold Nanoparticle/Ionic Liquid Nanocomposite. <i>Electroanalysis</i> , 2015, 27, 2518-2526.	2.9	33
14	Simple and label-free detection of DNA hybridization on a modified graphene nanosheets electrode. <i>Talanta</i> , 2015, 137, 80-86.	5.5	38
15	Synthesis and electrocatalytic effect of Ag@Pt core-shell nanoparticles supported on reduced graphene oxide for sensitive and simple label-free electrochemical aptasensor. <i>Biosensors and Bioelectronics</i> , 2015, 74, 30-36.	10.1	63
16	Simultaneous determination of hydrazine and hydroxylamine based on fullerene-functionalized carbon nanotubes/ionic liquid nanocomposite. <i>Sensors and Actuators B: Chemical</i> , 2015, 214, 132-137.	7.8	52
17	Label-free electrochemical immunosensor for detection of tumor necrosis factor $\alpha$ based on fullerene-functionalized carbon nanotubes/ionic liquid. <i>Journal of Electroanalytical Chemistry</i> , 2015, 757, 58-64.	3.8	71
18	Highly-sensitive label-free immunosensor for tumor necrosis factor $\alpha$ based on Ag@Pt core-shell nanoparticles supported on MWCNTs as an efficient electrocatalyst nanocomposite. <i>RSC Advances</i> , 2015, 5, 70781-70786.	3.6	24

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19	Two kinds of electrochemical immunoassays for the tumor necrosis factor $\hat{\pm}$ in human serum using screen-printed graphite electrodes modified with poly(anthranilic acid). <i>Mikrochimica Acta</i> , 2014, 181, 917-924.	5.0	29
20	Simultaneous Determination of Isoproterenol, Acetaminophen and Folic Acid Using a Novel Nanostructure-Based Electrochemical Sensor. <i>Electroanalysis</i> , 2014, 26, 275-284.	2.9	28
21	Application of graphene to modified ionic liquid graphite composite and its enhanced electrochemical catalysis properties for levodopa oxidation. <i>Sensors and Actuators B: Chemical</i> , 2014, 204, 282-288.	7.8	31
22	Determination of thiourea in fruit juice by a kinetic spectrophotometric method. <i>Journal of Hazardous Materials</i> , 2010, 174, 257-262.	12.4	33
23	Adsorptive cathodic stripping voltammetry determination of ultra trace levels of cobalt. <i>Transition Metal Chemistry</i> , 2009, 34, 425-430.	1.4	4
24	Adsorptive Cathodic Stripping Voltammetry Determination of Ultra Trace of Lead in Different Real Samples. <i>Analytical Letters</i> , 2007, 40, 2693-2707.	1.8	30