

Masoumeh Taei

List of Publications by Year in descending order

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1459
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#	ARTICLE	IF	CITATIONS
1	A differential pulse voltammetric method for simultaneous determination of ascorbic acid, dopamine, and uric acid using poly (3-(5-chloro-2-hydroxyphenylazo)-4,5-dihydroxynaphthalene-2,7-disulfonic) Tj ETQq1 1 0.784814 rgBT7/Overlo	7.8	169
2	Highly selective determination of ascorbic acid, dopamine, and uric acid by differential pulse voltammetry using poly(sulfonazo III) modified glassy carbon electrode. Sensors and Actuators B: Chemical, 2010, 147, 213-221.	7.8	169
3	Simultaneous determination of ascorbic acid, epinephrine, and uric acid by differential pulse voltammetry using poly(p-xylenolsulfonephthalein) modified glassy carbon electrode. Colloids and Surfaces B: Biointerfaces, 2010, 79, 480-487.	5.0	85
4	Sensitive DNA impedance biosensor for detection of cancer, chronic lymphocytic leukemia, based on gold nanoparticles/gold modified electrode. Electrochimica Acta, 2011, 56, 8176-8183.	5.2	74
5	Simultaneous Voltammetric Determination of Enrofloxacin and Ciprofloxacin in Urine and Plasma Using Multiwall Carbon Nanotubes Modified Glassy Carbon Electrode by Least-Squares Support Vector Machines. Analytical Sciences, 2010, 26, 803-808.	1.6	59
6	Simultaneous determination of norepinephrine, acetaminophen and tyrosine by differential pulse voltammetry using Au-nanoparticles/poly(2-amino-2-hydroxymethyl-propane-1,3-diol) film modified glassy carbon electrode. Colloids and Surfaces B: Biointerfaces, 2014, 123, 23-32.	5.0	56
7	Simultaneous determination of ascorbic acid, epinephrine, and uric acid by differential pulse voltammetry using poly(3,3'-bis[N,N-bis(carboxymethyl)aminomethyl]-o-cresolsulfonephthalein) modified glassy carbon electrode. Sensors and Actuators B: Chemical, 2010, 150, 321-329.	7.8	50
8	Fast and sensitive determination of doxorubicin using multi-walled carbon nanotubes as a sensor and CoFe ₂ O ₄ magnetic nanoparticles as a mediator. Mikrochimica Acta, 2016, 183, 49-56.	5.0	37
9	Simultaneous determination of ascorbic acid, acetaminophen and codeine based on multi-walled carbon nanotubes modified with magnetic nanoparticles paste electrode. Materials Science and Engineering C, 2016, 69, 1-11.	7.3	36
10	Simultaneous determination of cysteine, uric acid and tyrosine using Au-nanoparticles/poly(E)-4-(p-tolyldiazenyl)benzene-1,2,3-triol film modified glassy carbon electrode. Materials Science and Engineering C, 2016, 59, 120-128.	7.3	32
11	Simultaneous detection of morphine and codeine in urine samples of heroin addicts using multi-walled carbon nanotubes modified SnO ₂ @Zn ₂ SnO ₄ nanocomposites paste electrode. Applied Surface Science, 2016, 363, 490-498.	6.1	30
12	A voltammetric sensor for simultaneous determination of ascorbic acid, noradrenaline, acetaminophen and tryptophan. Microchemical Journal, 2017, 130, 108-115.	4.5	30
13	Ultra-sensitive electrochemical sensing of acetaminophen and codeine in biological fluids using CuO/CuFe ₂ O ₄ nanoparticles as a novel electrocatalyst. Journal of Food and Drug Analysis, 2018, 26, 879-886.	1.9	27
14	Application of spinel-structured MgFe ₂ O ₄ nanoparticles for simultaneous electrochemical determination diclofenac and morphine. Mikrochimica Acta, 2017, 184, 155-162.	5.0	26
15	Highly selective differential pulse voltammetric determination of warfarin in pharmaceutical and biological samples using MnFe ₂ O ₄ /MWCNT modified carbon paste electrode. Microchemical Journal, 2016, 129, 166-172.	4.5	23
16	Electrochemical characterization of poly(fuchsine acid) modified glassy carbon electrode and its application for simultaneous determination of ascorbic acid, epinephrine and uric acid. Journal of Molecular Liquids, 2015, 211, 353-362.	4.9	21
17	Highly selective determination of ascorbic acid, epinephrine, and uric acid by differential pulse voltammetry using poly(Adizol Black B)-modified glassy carbon electrode. Journal of Solid State Electrochemistry, 2014, 18, 673-683.	2.5	19
18	Simultaneous determination of epinephrine, acetaminophen, and tryptophan using Fe ₂ O ₃ (0.5)/SnO ₂ (0.5) nanocomposite sensor. Journal of Applied Electrochemistry, 2015, 45, 185-195.	2.9	17

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19	Simultaneous electrochemical sensing of cysteine, uric acid and tyrosine using a novel Au-nanoparticles/poly-Trypan Blue modified glassy carbon electrode. <i>Journal of Electroanalytical Chemistry</i> , 2017, 789, 140-147.	3.8	17
20	A Voltammetric Sensor Based on Multiwalled Carbon Nanotubes and a New Azoferrocene Derivative for Determination of Glutathione. <i>IEEE Sensors Journal</i> , 2015, 15, 4472-4479.	4.7	15
21	Simultaneous electrochemical determination of ascorbic acid, epinephrine, and uric acid using a polymer film-modified electrode based on Au nanoparticles/poly(3,3,5,5-tetrabromo-m-cresolsulfonphthalein). <i>Ionics</i> , 2015, 21, 3267-3278.	2.4	15
22	Fast and selective determination of phenazopyridine at a novel multi-walled carbon nanotube modified ZnCrFeO ₄ magnetic nanoparticle paste electrode. <i>RSC Advances</i> , 2015, 5, 37431-37439.	3.6	14
23	Electrodepositing of copper nanowires on layered double hydroxide film modified glassy carbon electrode for the determination of doxorubicin. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 54, 183-190.	5.3	14
24	Template synthesis of maghemite nanoparticle in carboxymethyl cellulose and its application for electrochemical cabergoline sensing. <i>Materials Science and Engineering C</i> , 2017, 76, 88-93.	7.3	12
25	Au nanoparticles decorated reduced graphene oxide/layered double hydroxide modified glassy carbon as a sensitive sensor for electrocatalytic determination of phenazopyridine. <i>Measurement: Journal of the International Measurement Confederation</i> , 2017, 99, 90-97.	5.0	11
26	The effect of Cu Mg Fe layered double hydroxide on the electrocatalytic activity of gold nanoparticles towards ethanol electrooxidation. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 13575-13582.	7.1	10
27	Sensitive spectrophotometric determination of Co(II) using dispersive liquid-liquid micro-extraction method in soil samples. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 265.	2.7	9
28	Electrocatalytic oxidation of ethanol on a glassy carbon electrode modified with a gold nanoparticle-coated hydrolyzed CaFeCl layered double hydroxide in alkaline medium. <i>RSC Advances</i> , 2016, 6, 27293-27300.	3.6	9
29	Synthesis of 5-[(2-hydroxynaphthalen-1-yl)diazonyl]isophthalic acid and its application to electrocatalytic oxidation and determination of adrenaline, paracetamol, and tryptophan. <i>Chinese Chemical Letters</i> , 2017, 28, 240-247.	9.0	9
30	A gold nanodendrite-decorated layered double hydroxide as a bifunctional electrocatalyst for hydrogen and oxygen evolution reactions in alkaline media. <i>RSC Advances</i> , 2017, 7, 47049-47055.	3.6	8
31	Trace and selective determination of cobalt(II) in water and salt samples using cathodic adsorptive stripping voltammetry in the presence of pyrogallol red. <i>Journal of the Serbian Chemical Society</i> , 2013, 78, 717-724.	0.8	7
32	Highly Selective Electrochemical Determination of Taxol Based on ds-DNA-Modified Pencil Electrode. <i>Applied Biochemistry and Biotechnology</i> , 2015, 176, 344-358.	2.9	7
33	Fabrication of phenazopyridine sensor based on electrodeposition of Pt nanoparticles on H ₂ CaFeCl-layered double hydroxide film modified glassy carbon electrode. <i>Journal of Molecular Liquids</i> , 2016, 214, 207-213.	4.9	5
34	Highly active electrocatalysts for ethanol oxidation based on gold nanodendrites modified with NiFe ₂ O ₄ nanoparticles decorated multi-walled carbon nanotubes. <i>Chemical Papers</i> , 2019, 73, 2687-2695.	2.2	5
35	A new 2-amino-3-pyranopyrane-3- carbonitrile derivative for electrocatalytic oxidation and determination of hydrazine. <i>Materials Science and Engineering C</i> , 2017, 75, 1154-1160.	7.3	3
36	A Novel Hydrazine Electrochemical Sensor Based on Gold Nanoparticles Decorated Redox-Active 2-Amino-4H-Chromene-3-Carbonitrile. <i>IEEE Sensors Journal</i> , 2017, 17, 7325-7331.	4.7	3

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37	Application of Mg-Al-LDH@MgFe ₂ O ₄ Nanocomposite Supported on Gold Micron-Dendrites as an Efficient Electrocatalyst for Ethanol Oxidation. Nano, 2020, 15, 2050037.	1.0	2
38	Solid-State Synthesis of SnO ₂ @Zn ₂ SnO ₄ Nanocomposite and Its Application for Electrochemical Detection of Cabergoline as Dopamine Receptor Antagonists. Russian Journal of Electrochemistry, 2022, 58, 1-9.	0.9	1
39	Au Nanodendrites Decorated 2-(3,4-dihydroxybenzaldehyde) Malononitrile Modified Electrode for Electrocatalytic Determination of Hydrazine in the Presence of Hydroxylamine. Nano, 0, , .	1.0	0