

Masoumeh Taei

List of Publications by Year in descending order

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papers

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citations

471509

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Highly active electrocatalysts for ethanol oxidation based on gold nanodendrites modified with NiFe ₂ O ₄ nanoparticles decorated multi-walled carbon nanotubes. Chemical Papers, 2019, 73, 2687-2695.	2.2	5
4	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
5	Simultaneous electrochemical sensing of cysteine, uric acid and tyrosine using a novel Au-nanoparticles/poly-Trypan Blue modified glassy carbon electrode. Journal of Electroanalytical Chemistry, 2017, 789, 140-147.	3.8	17
6	A new 2-amino-3-pyranopyrane-3- carbonitrile derivative for electrocatalytic oxidation and determination of hydrazine. Materials Science and Engineering C, 2017, 75, 1154-1160.	7.3	3
7	Template synthesis of maghemite nanoparticle in carboxymethyl cellulose and its application for electrochemical cabergoline sensing. Materials Science and Engineering C, 2017, 76, 88-93.	7.3	12
8	Au nanoparticles decorated reduced graphene oxide/layered double hydroxide modified glassy carbon as a sensitive sensor for electrocatalytic determination of phenazopyridine. Measurement: Journal of the International Measurement Confederation, 2017, 99, 90-97.	5.0	11
9	A gold nanodendrite-decorated layered double hydroxide as a bifunctional electrocatalyst for hydrogen and oxygen evolution reactions in alkaline media. RSC Advances, 2017, 7, 47049-47055.	3.6	8
10	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
11	Synthesis of 5-[(2-hydroxynaphthalen-1-yl)diazonyl]isophthalic acid and its application to electrocatalytic oxidation and determination of adrenaline, paracetamol, and tryptophan. Chinese Chemical Letters, 2017, 28, 240-247.	9.0	9
12	A voltammetric sensor for simultaneous determination of ascorbic acid, noradrenaline, acetaminophen and tryptophan. Microchemical Journal, 2017, 130, 108-115.	4.5	30
13	A Novel Hydrazine Electrochemical Sensor Based on Gold Nanoparticles Decorated Redox-Active 2-Amino-4H-Chromene-3-Carbonitrile. IEEE Sensors Journal, 2017, 17, 7325-7331.	4.7	3
14	Sensitive spectrophotometric determination of Co(II) using dispersive liquid-liquid micro-extraction method in soil samples. Environmental Monitoring and Assessment, 2016, 188, 265.	2.7	9
15	Fabrication of phenazopyridine sensor based on electrodeposition of Pt nanoparticles on H ₂ CaFeCl-layered double hydroxide film modified glassy carbon electrode. Journal of Molecular Liquids, 2016, 214, 207-213.	4.9	5
16	The effect of Cu Mg Fe layered double hydroxide on the electrocatalytic activity of gold nanoparticles towards ethanol electrooxidation. International Journal of Hydrogen Energy, 2016, 41, 13575-13582.	7.1	10
17	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
18	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

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19	Electrocatalytic oxidation of ethanol on a glassy carbon electrode modified with a gold nanoparticle-coated hydrolyzed CaFe ²⁺ Cl layered double hydroxide in alkaline medium. RSC Advances, 2016, 6, 27293-27300.	3.6	9
20	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
21	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
22	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
23	Fast and selective determination of phenazopyridine at a novel multi-walled carbon nanotube modified ZnCrFeO ₄ magnetic nanoparticle paste electrode. RSC Advances, 2015, 5, 37431-37439.	3.6	14
24	A Voltammetric Sensor Based on Multiwalled Carbon Nanotubes and a New Azoferrocene Derivative for Determination of Glutathione. IEEE Sensors Journal, 2015, 15, 4472-4479.	4.7	15
25	Electrodepositing of copper nanowires on layered double hydroxide film modified glassy carbon electrode for the determination of doxorubicin. Journal of the Taiwan Institute of Chemical Engineers, 2015, 54, 183-190.	5.3	14
26	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
27	Highly Selective Electrochemical Determination of Taxol Based on ds-DNA-Modified Pencil Electrode. Applied Biochemistry and Biotechnology, 2015, 176, 344-358.	2.9	7
28	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). Ionics, 2015, 21, 3267-3278.	2.4	15
29	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
30	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
31	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
32	Trace and selective determination of cobalt(II) in water and salt samples using cathodic adsorptive stripping voltammetry in the presence of pyrogallol red. Journal of the Serbian Chemical Society, 2013, 78, 717-724.	0.8	7
33	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
34	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
35	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
36	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

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37	Simultaneous determination of ascorbic acid, epinephrine, and uric acid by differential pulse voltammetry using poly(p-xylene)sulfonephthalen modified glassy carbon electrode. Colloids and Surfaces B: Biointerfaces, 2010, 79, 480-487.	5.0	85
38	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 ETQq0 0 0 rgs88/Overlap 10 Tf 50	1.0	0
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