Mohammad Ali Kamyabi

List of Publications by Year
in descending order

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57	924	567281	526287
papers	citations	15 h-index	27 g-index

58	58	58	981
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrocatalytic oxidation and determination of nitrite on carbon paste electrode modified with oxovanadium(IV)-4-methyl salophen. Journal of Electroanalytical Chemistry, 2008, 614, 157-165.	3.8	119
2	Electrocatalytic oxidation of hydrazine on a carbon paste electrode modified by hybrid hexacyanoferrates of copper and cobalt films. Journal of Electroanalytical Chemistry, 2005, 576, 73-83.	3.8	88
3	Molecular oxygen reduction catalyzed by a highly oxidative resistant complex of cobaltâ€“hydrazone at the liquid/liquid interface. Physical Chemistry Chemical Physics, 2015, 17, 32161-32172.	2.8	40
4	A high-performance glucose biosensor using covalently immobilised glucose oxidase on a poly(2,6-diaminopyridine)/carbon nanotube electrode. Talanta, 2013, 116, 801-808.	5.5	36
5	A simple and selective approach for determination of trace Hg(II) using electromembrane extraction followed by graphite furnace atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2017, 128, 17-21.	2.9	34
6	Structure, chemistry and physicochemistry of lignin for material functionalization. SN Applied Sciences, 2019, 1, 1.	2.9	28
7	Hydrothermal Syntheses of NiOâ^'GO Nanocomposite on 3D Nickel Foam as a Support for Pt Nanoparticles and its Superior Electrocatalytic Activity towards Methanol Oxidation. Electroanalysis, 2019, 31, 1484-1493.	2.9	28
8	An enzyme-free electrochemiluminescence sensing probe based on ternary nanocomposite for ultrasensitive determination of chlorpyrifos. Food Chemistry, 2021, 351, 129252.	8.2	27
9	An electrochemical sensing method for the determination of levodopa using a poly(4-methyl-ortho-phenylenediamine)/MWNT modified GC electrode. Analytical Methods, 2015, 7, 1339-1348.	2.7	24
10	An ultra-sensitive electrochemiluminescence platform based on ZnONPs/Ni-foam and K2S2O8 for detection of chlorpyrifos. Journal of Electroanalytical Chemistry, 2020, 865, 114120.	3.8	24
11	Electromembrane extraction coupled to square wave anodic stripping voltammetry for selective preconcentration and determination of trace levels of As(III) in water samples. Electrochimica Acta, 2016, 206, 192-198.	5.2	21
12	Silica template electrodeposition of copper oxide nanostructures on Ni foam as an ultrasensitive non-enzymatic glucose sensor. Journal of the Taiwan Institute of Chemical Engineers, 2017, 81, 21-30.	5.3	21
13	A novel method for the preconcentration and determination of ampicillin using electromembrane microextraction followed by highâ€performance liquid chromatography. Journal of Separation Science, 2019, 42, 3002-3008.	2.5	19
14	Nickel foam decorated with ZnO nanocrystals using mesoporous silica templates for ultrasensitive electrogenerated chemiluminescence determination of diazinon. Microchemical Journal, 2020, 154, 104540.	4.5	18
15	Preparation of mesoporous silica templated metal nanostructure on Ni foam substrate and its application for the determination of hydrogen peroxide. Journal of Applied Electrochemistry, 2016, 46, 951-962.	2.9	16
16	A sponge like Pd arrays on Ni foam substrate: Highly active non-platinum electrocatalyst for methanol oxidation in alkaline media. Materials Chemistry and Physics, 2021, 257, 123626.	4.0	16
17	Rational design of PdCu nanoparticles supported on a templated Ni foam: The cooperation effect of morphology and composition for electrocatalytic oxidation of ethanol. International Journal of Hydrogen Energy, 2021, 46, 39387-39403.	7.1	16
18	Simultaneous Spectrophotometric Determination of Paracetamol and Pâ€Aminophenol by Using Mean Centering of Ratio Kinetic Profiles. Journal of the Chinese Chemical Society, 2009, 56, 142-149.	1.4	15

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19	Electromembrane extraction and anodic stripping voltammetric determination of mercury(II) using a glassy carbon electrode modified with gold nanoparticles. Mikrochimica Acta, 2016, 183, 2411-2419.	5.0	15
20	Two in One: A Dinuclear Ru(II) Complex for Deep-Red Light-Emitting Electrochemical Cells and as an Electrochemiluminescence Probe for Organophosphorus Pesticides. Inorganic Chemistry, 2021, 60, 17040-17050.	4.0	15
21	A novel cathodic electrochemiluminescent sensor based on CuS/carbon quantum dots/g-C3N4 nanosheets and boron nitride quantum dots for the sensitive detection of organophosphate pesticide. Microchemical Journal, 2022, 179, 107421.	4.5	15
22	Key role of ancillary ligands in imparting blue shift in electroluminescence wavelength in ruthenium polypyridyl light-emitting diodes. New Journal of Chemistry, 2014, 38, 5312-5323.	2.8	14
23	Electromembrane extraction and spectrophotometric determination of As(V) in water samples. Food Chemistry, 2016, 212, 65-71.	8.2	14
24	A Pt-polymer nanocomposite as the excellent electro-catalyst: Synthesis, characterization, and electrochemical behavior towards methanol oxidation in the alkaline media. Synthetic Metals, 2019, 255, 116110.	3.9	14
25	Highly Sensitive Electrochemiluminescent Insecticide Sensor Based on ZnO Nanocrystals Anchored Nickel Foam for Determination of Imidacloprid in Real Samples. Electroanalysis, 2020, 32, 902-911.	2.9	14
26	A highly sensitive ECL platform based on GOD and NiO nanoparticle decorated nickel foam for determination of glucose in serum samples. Analytical Methods, 2020, 12, 1670-1678.	2.7	14
27	Effect of Pd on the Electrocatalytic Activity of Pt towards Oxidation of Ethanol in Alkaline Solutions. Applied Sciences (Switzerland), 2021, 11, 1315.	2.5	14
28	Electrocatalytic Oxidation of Hydrazine at a Cobalt(II) Schiff-Base-Modified Carbon Paste Electrode. Journal of the Electrochemical Society, 2008, 155, F8.	2.9	13
29	Effects of the Interfacial Structure on the Methanol Oxidation on Platinum Single Crystal Electrodes. Surfaces, 2019, 2, 177-192.	2.3	13
30	Spectrophotometric and Potentiometric Study of (E)-Nâ€²-(2-Hydroxy-3-methoxybenzylidene)benzohydrazide with a Ferric Ion in the Methanolâ^'Water Mixture. Journal of Chemical & Engineering Data, 2008, 53, 2341-2345.	1.9	12
31	Templated electrodeposition of vertically aligned copper oxide nanowire arrays on 3D Ni foam substrates for determination of glucosamine in pharmaceutical caplet samples. Analytical Methods, 2017, 9, 2845-2852.	2.7	11
32	Electrocatalytic properties of a dinuclear cobalt(III) coordination compound in molecular oxygen reduction reaction. Applied Organometallic Chemistry, 2019, 33, e5214.	3.5	11
33	Amplified cathodic electrochemiluminescence of luminol based on zinc oxide nanoparticle modified Ni-foam electrode for ultrasensitive detection of amoxicillin. Journal of Solid State Electrochemistry, 2021, 25, 445-456.	2.5	11
34	Oxygen reduction catalyzed by a Carbohydrazone based compound at liquid/liquid interfaces. Journal of Electroanalytical Chemistry, 2017, 794, 235-243.	3.8	10
35	Efficient Reduction of Dioxygen with Ferrocene Catalyzed by Thiocarbohydrazone Tetranuclear Cobalt(III) Coordination Compound. Applied Organometallic Chemistry, 2020, 34, e5833.	3.5	10
36	Investigation of the Hg(II) biosorption from wastewater by using garlic plant and differential pulse voltammetry. Analytical Biochemistry, 2021, 627, 114263.	2.4	10

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37	A promising electrochemiluminescence herbicide sensor based on ternary nanocomposite and boron nitride quantum dots for trace analysis of tribenuron-methyl in environmental samples. Microchemical Journal, 2021, 168, 106518.	4.5	10
38	Electrocatalytic oxidation of nitrite at a terpyridine manganese(II) complex modified carbon past electrode. Journal of Solid State Electrochemistry, 2010, 14, 1547-1553.	2.5	8
39	Easy approach for decorating of poly 4-aminithiophenol with Pd nanoparticles: an efficient electrocatalyst for ethanol oxidation in alkaline media. Journal of Solid State Electrochemistry, 2021, 25, 1283-1292.	2.5	8
40	Theoretical study of the mechanism of an interfacial oxygen reduction reaction in the presence of a hydrazone ligand, its cobalt (II) complex and their conjugate acids as catalyst. Computational and Theoretical Chemistry, 2016, 1092, 47-51.	2.5	7
41	Decorating the carbon felt electrode with polymeric platinize nanocomposite: characterization and electrocatalytic activity towards methanol oxidation reaction. Journal of Chemical Sciences, 2019, 131, 1.	1.5	7
42	An ultra-sensitive electrochemiluminescence probe based on ternary nanocomposite and boron nitride quantum dots for detection of diazinon. Mikrochimica Acta, 2021, 188, 93.	5.0	7
43	Silica Template as a Morphology-Controlling Factor for Attachment of CuO Nanoparticles on 3D-Ni-Foam as a New Enzyme-Free Electrochemiluminescence Probe for Glucose Detection. Journal of the Electrochemical Society, 2021, 168, 037506.	2.9	7
44	Voltammetric determination of stability constants of lead complexes with diallyl disulfide, dimethyl disulfide, and diallyl sulfide. Chinese Chemical Letters, 2016, 27, 71-76.	9.0	6
45	Single-step microwave synthesis of a novel ternary nanocomposite as an efficient luminophore and boron nitride quantum dots as a new coreactant for a cathodic ECL monitoring of chlorpyrifos. Analytical Methods, 2022, 14, 750-762.	2.7	6
46	The supported forest-like structure of PtSn as an effective deterrent for acetaldehyde formation during the electrocatalytic oxidation of ethanol. Fuel, 2022, 325, 124780.	6.4	6
47	Silica template as a morphology-controlling agent for deposition of platinum nanostructure on 3D-Ni-foam and its superior electrocatalytic performance towards methanol oxidation. Journal of Porous Materials, 2021, 28, 393-405.	2.6	5
48	A new promising electrochemiluminescence probe based on ruthenium nanobeads/silver nanoparticles/graphene oxide modified electrode for ultra-trace analysis of bisphenol A. Journal of Applied Electrochemistry, 2021, 51, 1371-1385.	2.9	5
49	An enzyme-free electrochemiluminescence insulin probe based on the regular attachment of ZnO nanoparticles on a 3-D nickel foam and H₂O₂ as an efficient co-reactant. Analytical Methods, 2021, 13, 1003-1012.	2.7	4
50	A promising sensitive electrochemiluminescence hydrogen peroxide sensor based on incorporated CuO nanostructures on 3-D Ni foam. Chemical Papers, 2021, 75, 5387-5401.	2.2	3
51	Facile microwave route for the synthesis of CuS/CQDs/g-C3N4NS as a novel promising cathodic electrochemiluminescence detection of imidacloprid. Journal of Solid State Electrochemistry, 2022, 26, 1259-1270.	2.5	3
52	Determination of Stability Constants of Cadmium(II) Complexes with Diallyl Disulfide, Dimethyl Disulfide and Diallyl Sulfide Using Differential Pulse Voltammetry. Russian Journal of Electrochemistry, 2018, 54, 77-83.	0.9	2
53	Easy Activation of Pencil Graphite Electrode as Sensing Platform for Determination of Bisphenol A. Journal of Analytical Chemistry, 2019, 74, 286-295.	0.9	2
54	Electrocatalytic reduction of Molecular Oxygen with a Copper (II) Coordination Polymer. Applied Organometallic Chemistry, 2020, 34, e5562.	3.5	2

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55	Experimental and density functional theory study of oxygen reduction reaction at liquid-liquid interface by oxidovanadium(IV)-4-methyl salophen complex. Journal of Molecular Structure, 2021, 1228, 129693.	3.6	1
56	A High Selective and Simple Electroanalytical Method for Simultaneous Determination of Dopamine, Ascorbic Acid and Uric Acid. Sensor Letters, 2016, 14, 835-845.	0.4	1
57	A Novel Electrochemiluminesence Sensor Based on Silver Prussian Blue Analogue/Carboxylated Sulfurâ€doped Graphitic Carbon Nitride Nanocomposite for Determination of Lamotrigine. Electroanalysis, 0, , .	2.9	0