

Mohammad Ali Kamyabi

List of Publications by Year in descending order

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57
papers

924
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567281

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526287

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58
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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	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. <i>Analytical Methods</i> , 2022, 14, 750-762.	2.7	6
2	Facile microwave route for the synthesis of CuS/CQDs/g-C ₃ N ₄ NS as a novel promising cathodic electrochemiluminescence detection of imidacloprid. <i>Journal of Solid State Electrochemistry</i> , 2022, 26, 1259-1270.	2.5	3
3	A novel cathodic electrochemiluminescent sensor based on CuS/carbon quantum dots/g-C ₃ N ₄ nanosheets and boron nitride quantum dots for the sensitive detection of organophosphate pesticide. <i>Microchemical Journal</i> , 2022, 179, 107421.	4.5	15
4	The supported forest-like structure of PtSn as an effective deterrent for acetaldehyde formation during the electrocatalytic oxidation of ethanol. <i>Fuel</i> , 2022, 325, 124780.	6.4	6
5	Silica template as a morphology-controlling agent for deposition of platinum nanostructure on 3D-Ni-foam and its superior electrocatalytic performance towards methanol oxidation. <i>Journal of Porous Materials</i> , 2021, 28, 393-405.	2.6	5
6	A sponge like Pd arrays on Ni foam substrate: Highly active non-platinum electrocatalyst for methanol oxidation in alkaline media. <i>Materials Chemistry and Physics</i> , 2021, 257, 123626.	4.0	16
7	Amplified cathodic electrochemiluminescence of luminol based on zinc oxide nanoparticle modified Ni-foam electrode for ultrasensitive detection of amoxicillin. <i>Journal of Solid State Electrochemistry</i> , 2021, 25, 445-456.	2.5	11
8	An enzyme-free electrochemiluminescence insulin probe based on the regular attachment of ZnO nanoparticles on a 3-D nickel foam and H ₂ O ₂ as an efficient co-reactant. <i>Analytical Methods</i> , 2021, 13, 1003-1012.	2.7	4
9	Effect of Pd on the Electrocatalytic Activity of Pt towards Oxidation of Ethanol in Alkaline Solutions. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1315.	2.5	14
10	An ultra-sensitive electrochemiluminescence probe based on ternary nanocomposite and boron nitride quantum dots for detection of diazinon. <i>Mikrochimica Acta</i> , 2021, 188, 93.	5.0	7
11	Experimental and density functional theory study of oxygen reduction reaction at liquid-liquid interface by oxidovanadium(IV)-4-methyl salophen complex. <i>Journal of Molecular Structure</i> , 2021, 1228, 129693.	3.6	1
12	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. <i>Journal of the Electrochemical Society</i> , 2021, 168, 037506.	2.9	7
13	A new promising electrochemiluminescence probe based on ruthenium nanobeads/silver nanoparticles/graphene oxide modified electrode for ultra-trace analysis of bisphenol A. <i>Journal of Applied Electrochemistry</i> , 2021, 51, 1371-1385.	2.9	5
14	A promising sensitive electrochemiluminescence hydrogen peroxide sensor based on incorporated CuO nanostructures on 3-D Ni foam. <i>Chemical Papers</i> , 2021, 75, 5387-5401.	2.2	3
15	An enzyme-free electrochemiluminescence sensing probe based on ternary nanocomposite for ultrasensitive determination of chlorpyrifos. <i>Food Chemistry</i> , 2021, 351, 129252.	8.2	27
16	Investigation of the Hg(II) biosorption from wastewater by using garlic plant and differential pulse voltammetry. <i>Analytical Biochemistry</i> , 2021, 627, 114263.	2.4	10
17	A promising electrochemiluminescence herbicide sensor based on ternary nanocomposite and boron nitride quantum dots for trace analysis of tribenuron-methyl in environmental samples. <i>Microchemical Journal</i> , 2021, 168, 106518.	4.5	10
18	Easy approach for decorating of poly 4-aminithiophenol with Pd nanoparticles: an efficient electrocatalyst for ethanol oxidation in alkaline media. <i>Journal of Solid State Electrochemistry</i> , 2021, 25, 1283-1292.	2.5	8

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19	Rational design of PdCu nanoparticles supported on a templated Ni foam: The cooperation effect of morphology and composition for electrocatalytic oxidation of ethanol. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 39387-39403.	7.1	16
20	Two in One: A Dinuclear Ru(II) Complex for Deep-Red Light-Emitting Electrochemical Cells and as an Electrochemiluminescence Probe for Organophosphorus Pesticides. <i>Inorganic Chemistry</i> , 2021, 60, 17040-17050.	4.0	15
21	Highly Sensitive Electrochemiluminescent Insecticide Sensor Based on ZnO Nanocrystals Anchored Nickel Foam for Determination of Imidacloprid in Real Samples. <i>Electroanalysis</i> , 2020, 32, 902-911.	2.9	14
22	Nickel foam decorated with ZnO nanocrystals using mesoporous silica templates for ultrasensitive electrogenerated chemiluminescence determination of diazinon. <i>Microchemical Journal</i> , 2020, 154, 104540.	4.5	18
23	Efficient Reduction of Dioxygen with Ferrocene Catalyzed by Thiocarbohydrazone Tetranuclear Cobalt(III) Coordination Compound. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5833.	3.5	10
24	A highly sensitive ECL platform based on GOD and NiO nanoparticle decorated nickel foam for determination of glucose in serum samples. <i>Analytical Methods</i> , 2020, 12, 1670-1678.	2.7	14
25	Electrocatalytic reduction of Molecular Oxygen with a Copper (II) Coordination Polymer. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5562.	3.5	2
26	An ultra-sensitive electrochemiluminescence platform based on ZnONPs/Ni-foam and K ₂ S ₂ O ₈ for detection of chlorpyrifos. <i>Journal of Electroanalytical Chemistry</i> , 2020, 865, 114120.	3.8	24
27	Decorating the carbon felt electrode with polymeric platinum nanocomposite: characterization and electrocatalytic activity towards methanol oxidation reaction. <i>Journal of Chemical Sciences</i> , 2019, 131, 1.	1.5	7
28	A Pt-polymer nanocomposite as the excellent electro-catalyst: Synthesis, characterization, and electrochemical behavior towards methanol oxidation in the alkaline media. <i>Synthetic Metals</i> , 2019, 255, 116110.	3.9	14
29	A novel method for the preconcentration and determination of ampicillin using electromembrane microextraction followed by high-performance liquid chromatography. <i>Journal of Separation Science</i> , 2019, 42, 3002-3008.	2.5	19
30	Electrocatalytic properties of a dinuclear cobalt(III) coordination compound in molecular oxygen reduction reaction. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5214.	3.5	11
31	Structure, chemistry and physicochemistry of lignin for material functionalization. <i>SN Applied Sciences</i> , 2019, 1, 1.	2.9	28
32	Hydrothermal Syntheses of NiO@GO Nanocomposite on 3D Nickel Foam as a Support for Pt Nanoparticles and its Superior Electrocatalytic Activity towards Methanol Oxidation. <i>Electroanalysis</i> , 2019, 31, 1484-1493.	2.9	28
33	Easy Activation of Pencil Graphite Electrode as Sensing Platform for Determination of Bisphenol A. <i>Journal of Analytical Chemistry</i> , 2019, 74, 286-295.	0.9	2
34	Effects of the Interfacial Structure on the Methanol Oxidation on Platinum Single Crystal Electrodes. <i>Surfaces</i> , 2019, 2, 177-192.	2.3	13
35	Determination of Stability Constants of Cadmium(II) Complexes with Diallyl Disulfide, Dimethyl Disulfide and Diallyl Sulfide Using Differential Pulse Voltammetry. <i>Russian Journal of Electrochemistry</i> , 2018, 54, 77-83.	0.9	2
36	Templated electrodeposition of vertically aligned copper oxide nanowire arrays on 3D Ni foam substrates for determination of glucosamine in pharmaceutical caplet samples. <i>Analytical Methods</i> , 2017, 9, 2845-2852.	2.7	11

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37	Oxygen reduction catalyzed by a Carbohydrazone based compound at liquid/liquid interfaces. Journal of Electroanalytical Chemistry, 2017, 794, 235-243.	3.8	10
38	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
39	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
40	Electromembrane extraction and spectrophotometric determination of As(V) in water samples. Food Chemistry, 2016, 212, 65-71.	8.2	14
41	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
42	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
43	Electromembrane extraction and anodic stripping voltammetric determination of mercury(II) using a glassy carbon electrode modified with gold nanoparticles. Mikročimica Acta, 2016, 183, 2411-2419.	5.0	15
44	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
45	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
46	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
47	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
48	Molecular oxygen reduction catalyzed by a highly oxidative resistant complex of cobalt-hydrazone at the liquid/liquid interface. Physical Chemistry Chemical Physics, 2015, 17, 32161-32172.	2.8	40
49	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
50	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
51	Electrocatalytic oxidation of nitrite at a terpyridine manganese(II) complex modified carbon paste electrode. Journal of Solid State Electrochemistry, 2010, 14, 1547-1553.	2.5	8
52	Simultaneous Spectrophotometric Determination of Paracetamol and p-Aminophenol by Using Mean Centering of Ratio Kinetic Profiles. Journal of the Chinese Chemical Society, 2009, 56, 142-149.	1.4	15
53	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
54	Spectrophotometric and Potentiometric Study of (2-Hydroxy-3-methoxybenzylidene)benzohydrazide with a Ferric Ion in the Methanol-Water Mixture. Journal of Chemical & Engineering Data, 2008, 53, 2341-2345.	1.9	12

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55	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
56	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
57	A Novel Electrochemiluminescence Sensor Based on Silver Prussian Blue Analogue/Carboxylated Sulfur-doped Graphitic Carbon Nitride Nanocomposite for Determination of Lamotrigine. Electroanalysis, 0, , .	2.9	0