MiloÅ¡ OgnjanoviÄ

List of Publications by Year
in descending order

38 papers	844 citations	430442 18 h-index	500791 28 g-index
38 all docs	38 docs citations	38 times ranked	922 citing authors

#	ARTICLE	IF	CITATIONS
1	Sâ€Adenosylâ€Lâ€Homocysteine Hydrolase Immobilized on Citric Acidâ€capped Gallium Oxyhydroxide on SWCNTs Modified Electrode for AdoHcy Impedimetric Sensing. Electroanalysis, 2022, 34, 15-24.	1.5	1
2	Sensing Platform Based on Carbon Paste Electrode Modified with Bismuth Oxide Nanoparticles and SWCNT for Submicromolar Quantification of Honokiol. Food Analytical Methods, 2022, 15, 856-867.	1.3	5
3	90Y-CA/SPIONs for dual magnetic hyperthermia-radionuclide nanobrachytherapy of solid tumours. Nanotechnology, 2022, 33, 405102.	1.3	9
4	Easily Prepared Co 3 O 4 Doped Porous Carbon Material Decorated with Singleâ€wall Carbon Nanotubes Applied in Voltammetric Sensing of Antioxidant Î±â€lipoic Acid. Electroanalysis, 2021, 33, 446-454.	1.5	9
5	Laccase Polyphenolic Biosensor Supported on MnO₂@GNP Decorated SPCE: Preparation, Characterization, and Analytical Application. Journal of the Electrochemical Society, 2021, 168, 037510.	1.3	11
6	CeO2-doped â€“ domestic carbon material decorated with MWCNT as an efficient green sensing platform for electrooxidation of dopamine. Surfaces and Interfaces, 2021, 25, 101211.	1.5	3
7	Carboxylated single-wall carbon nanotubes decorated with SiO2 coated-Nd2O3 nanoparticles as an electrochemical sensor for L-DOPA detection. Microchemical Journal, 2021, 168, 106416.	2.3	30
8	Sponge-like europium oxide from hollow carbon sphere as a template for an anode material for Reactive Blue 52 electrochemical degradation. Materials Chemistry and Physics, 2021, 273, 125154.	2.0	3
9	The effect of surface-modifier of magnetite nanoparticles on electrochemical detection of dopamine and heating efficiency in magnetic hyperthermia. Journal of Alloys and Compounds, 2021, 884, 161075.	2.8	20
10	Chemical Modification of Glycoproteinsâ€™ Carbohydrate Moiety as a General Strategy for the Synthesis of Efficient Biocatalysts by Biomimetic Mineralization: The Case of Glucose Oxidase. Polymers, 2021, 13, 3875.	2.0	2
11	Photocatalytic degradation of methylene blue under natural sunlight using iron titanate nanoparticles prepared by a modified solâ€“gel method. Royal Society Open Science, 2020, 7, 200708.	1.1	139
12	Aminosilanized flower-structured superparamagnetic iron oxide nanoparticles coupled to 131I-labeled CC49 antibody for combined radionuclide and hyperthermia therapy of cancer. International Journal of Pharmaceutics, 2020, 587, 119628.	2.6	19
13	A novel nonenzymatic hydrogen peroxide amperometric sensor based on AgNp@GNR nanocomposites modified screen-printed carbon electrode. Journal of Electroanalytical Chemistry, 2020, 876, 114487.	1.9	34
14	TiO2/APTES cross-linked to carboxylic graphene based impedimetric glucose biosensor. Microchemical Journal, 2020, 158, 105150.	2.3	17
15	Synthesis and antibacterial activity of iron manganite (FeMnO₃) particles against the environmental bacteriumBacillus subtilis. RSC Advances, 2020, 10, 13879-13888.	1.7	18
16	A single drop histamine sensor based on AuNPs/MnO2 modified screen-printed electrode. Microchemical Journal, 2020, 155, 104778.	2.3	25
17	Boron-doped diamond electrode as efficient sensing platform for simultaneous quantification of mefenamic acid and indomethacin. Diamond and Related Materials, 2020, 105, 107785.	1.8	31
18	Electrochemical oxidation of a complex mixture of phenolic compounds in the base media using PbO2-GNRs anodes. Applied Surface Science, 2020, 529, 147120.	3.1	24

#	Article	IF	Citations
19	Tailoring IONP shape and designing nanocomposite IONS@GN toward modification of SPCE to enhance electrochemical degradation of organic dye. Materials Research Express, 2020, 7, 015509.	0.8	2
20	Anti-human albumin monoclonal antibody immobilized on EDC-NHS functionalized carboxylic graphene/AuNPs composite as promising electrochemical HSA immunosensor. Journal of Electroanalytical Chemistry, 2020, 860, 113928.	1.9	37
21	Inkjet-Printed Carbon Nanotube Electrodes Modified with Dimercaptosuccinic Acid-Capped Fe₃O₄ Nanoparticles on Reduced Graphene Oxide Nanosheets for Single-Drop Determination of Trifluoperazine. ACS Applied Nano Materials, 2020, 3, 4654-4662.	2.4	21
22	Iron Oxide Nanoflowerâ€"Based Screen Print Electrode for Enhancement Removal of Organic Dye Using Electrochemical Approach. Electrocatalysis, 2019, 10, 663-671.	1.5	15
23	Differently shaped nanocrystalline (Fe, Y)₃O₄ and its adsorption efficiency toward inorganic arsenic species. Nanotechnology, 2019, 30, 475702.	1.3	5
24	Point-of-care amperometric determination of L-dopa using an inkjet-printed carbon nanotube electrode modified with dandelion-like MnO2 microspheres. Mikrochimica Acta, 2019, 186, 532.	2.5	21
25	Electrochemistry of the Arrow Poison, Tubocurarine, Using Boron Doped Diamond Electrode: Experimental and Theoretical Approaches. Journal of the Electrochemical Society, 2019, 166, G157-G161.	1.3	4
26	^{99m}Tc-, ⁹⁰Y-, and ¹⁷⁷Lu-Labeled Iron Oxide Nanoflowers Designed for Potential Use in Dual Magnetic Hyperthermia/Radionuclide Cancer Therapy and Diagnosis. ACS Applied Materials & Interfaces, 2019, 11, 41109-41117.	4.0	45
27	Application of bismuth (III) oxide decorated graphene nanoribbons for enzymatic glucose biosensing. Journal of Electroanalytical Chemistry, 2019, 850, 113400.	1.9	28
28	Disposable Biosensor Based on Amidase/CeO2/GNR Modified Inkjetâ€printed CNT Electrodesâ€droplet Based Paracetamol Detection in Biological Fluids for â€œPointâ€ofâ€careâ€•Applications. Electroanalysis, 2019, 31, 1517-1525.	1.5	11
29	Enhancing Analytical Performance of (Mg,Fe)3O4/Glassy Carbon Electrodes by Tailoring Chemical Composition of (Mg,Fe)3O4 Nanoparticles. Journal of Nanoscience and Nanotechnology, 2019, 19, 4205-4213.	0.9	0
30	Nanomolar Quantification of Polydatin at Boron Doped Diamond Electrode. Application in Dietary Supplements. International Journal of Electrochemical Science, 2019, 14, 5086-5095.	0.5	4
31	Bifunctional (Zn,Fe)3O4 nanoparticles: Tuning their efficiency for potential application in reagentless glucose biosensors and magnetic hyperthermia. Journal of Alloys and Compounds, 2019, 777, 454-462.	2.8	26
32	Effect of magnetic nanoparticles coating on cell proliferation and uptake. Journal of Magnetism and Magnetic Materials, 2019, 472, 66-73.	1.0	29
33	Microwave assisted hydrothermal synthesis of (Fe,Co)3O4 nanoparticles in the presence of surfactants and effects of Co/Fe ratio on microstructure and magnetism. Ceramics International, 2018, 44, 13967-13972.	2.3	11
34	A Voltammetric Sensor Based on MgFe₂O₄ Decorated on Reduced Graphene Oxideâ€modified Electrode for Sensitive and Simultaneous Determination of Catechol and Hydroquinone. Electroanalysis, 2018, 30, 2620-2627.	1.5	19
35	RuO2/graphene nanoribbon composite supported on screen printed electrode with enhanced electrocatalytic performances toward ethanol and NADH biosensing. Biosensors and Bioelectronics, 2018, 117, 392-397.	5.3	33
36	Enzymatic glucose biosensor based on manganese dioxide nanoparticles decorated on graphene nanoribbons. Journal of Electroanalytical Chemistry, 2018, 823, 610-616.	1.9	78

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37	Design of titanium nitride- and wolfram carbide-doped RGO/GC electrodes for determination of gallic acid. Analytical Biochemistry, 2017, 539, 104-112.	1.1	51
38	Construction of Sensor for Submicromolar Detection of Riboflavin by Surface Modification of SPCE with Thermal Degradation Products of Nickel Acetate Tetrahydrate. Electroanalysis, 0, , .	1.5	4