

Hossieny Ibrahim

List of Publications by Year in descending order

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38
papers

947
citations

331670

21
h-index

454955

30
g-index

38
all docs

38
docs citations

38
times ranked

961
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of an electrochemical sensor based on gold nanoparticle-functionalized nanocarbon black hybrid nanocomposite for sensitive detection of anti-cancer drug formestane in biological and pharmaceutical samples. <i>Journal of Electroanalytical Chemistry</i> , 2022, 907, 116067.	3.8	5
2	Surface decoration of functionalized carbon black nanoparticles with nanosized gold particles for electrochemical sensing of diuretic spironolactone in patient plasma. <i>Microchemical Journal</i> , 2022, 178, 107425.	4.5	13
3	A novel electrochemical sensor based on functionalized glassy carbon microparticles@CeO ₂ core-shell for ultrasensitive detection of breast anticancer drug exemestane in patient plasma and pharmaceutical dosage form. <i>Microchemical Journal</i> , 2021, 167, 106264.	4.5	13
4	A novel electrochemical sensor based on gold nanoparticles decorated functionalized carbon nanofibers for selective determination of xanthine oxidase inhibitor febuxostat in plasma of patients with gout. <i>Sensors and Actuators B: Chemical</i> , 2021, 347, 130626.	7.8	18
5	Synergistic electrocatalytic activity of In ₂ O ₃ @FMWCNTs nanocomposite for electrochemical quantification of dobutamine in clinical patient blood and in injection dosage form. <i>Talanta</i> , 2020, 208, 120362.	5.5	24
6	A novel disposable electrochemical sensor based on modifying graphite pencil lead electrode surface with nanoacetylene black for simultaneous determination of antiandrogens flutamide and cyproterone acetate. <i>Journal of Electroanalytical Chemistry</i> , 2020, 859, 113836.	3.8	27
7	Gold nanoparticles anchored graphitized carbon nanofibers ionic liquid electrode for ultrasensitive and selective electrochemical sensing of anticancer drug irinotecan. <i>Mikrochimica Acta</i> , 2020, 187, 579.	5.0	16
8	A new hybrid nanocomposite electrode based on Au/CeO ₂ -decorated functionalized glassy carbon microspheres for the voltammetric sensing of quercetin and its interaction with DNA. <i>Analytical Methods</i> , 2020, 12, 2846-2857.	2.7	20
9	Exploring efficacy of indole-based dual inhibitors for α -glucosidase and α -amylase enzymes: In silico, biochemical and kinetic studies. <i>International Journal of Biological Macromolecules</i> , 2020, 154, 217-232.	7.5	26
10	A Novel Platform Based on Au@CeO ₂ @MWCNT Functionalized Glassy Carbon Microspheres for Voltammetric Sensing of Valrubicin as Bladder Anticancer Drug and its Interaction with DNA. <i>Electroanalysis</i> , 2020, 32, 2146-2155.	2.9	25
11	A hybrid nanocomposite of CeO ₂ @ZnO-chitosan as an enhanced sensing platform for highly sensitive voltammetric determination of paracetamol and its degradation product <i>p</i> -aminophenol. <i>RSC Advances</i> , 2019, 9, 15986-15996.	3.6	28
12	A novel megestrol acetate electrochemical sensor based on conducting functionalized acetylene black@CeO ₂ NPs nanohybrids decorated glassy carbon microspheres. <i>Talanta</i> , 2019, 200, 324-332.	5.5	17
13	Simultaneous Anodic Adsorptive Stripping Voltammetric Determination of Luteolin and 3-Hydroxyflavone in Biological Fluids Using Renewable Pencil Graphite Electrodes. <i>Electroanalysis</i> , 2019, 31, 1095-1103.	2.9	19
14	A novel sensor based on nanobiocomposite Au-In ₂ O ₃ -chitosan modified acetylene black paste electrode for sensitive detection of antimycotic ciclopirox olamine. <i>Talanta</i> , 2018, 179, 75-85.	5.5	22
15	Comparative studies on the interaction of anticancer drug irinotecan with dsDNA and ssDNA. <i>RSC Advances</i> , 2018, 8, 25387-25395.	3.6	22
16	Gold nanoparticles/f-MWCNT nanocomposites modified glassy carbon paste electrode as a novel voltammetric sensor for the determination of cyproterone acetate in pharmaceutical and human body fluids. <i>Sensors and Actuators B: Chemical</i> , 2018, 274, 123-132.	7.8	38
17	A novel nanocomposite based on gold nanoparticles loaded on acetylene black for electrochemical sensing of the anticancer drug topotecan in the presence of high concentration of uric acid. <i>Journal of Electroanalytical Chemistry</i> , 2018, 824, 22-31.	3.8	16
18	Fabrication of a new biosensor based on a Sn doped ceria nanoparticle modified glassy carbon paste electrode for the selective determination of the anticancer drug dacarbazine in pharmaceuticals. <i>RSC Advances</i> , 2017, 7, 32357-32366.	3.6	23

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19	Square Wave Cathodic Adsorptive Stripping Voltammetric Determination of the Anticancer Drugs Flutamide and Irinotecan in Biological Fluids Using Renewable Pencil Graphite Electrodes. <i>Electroanalysis</i> , 2016, 28, 372-379.	2.9	47
20	Fabrication of a novel electrochemical sensor based on Zn-In ₂ O ₃ nanorods coated glassy carbon microspheres paste electrode for square wave voltammetric determination of neuroprotective hibifolin in biological fluids and in the flowers of hibiscus vitifolius. <i>Journal of Electroanalytical Chemistry</i> , 2016, 782, 9-18.	3.8	19
21	Electrochemical sensor for individual and simultaneous determination of guanine and adenine in biological fluids and in DNA based on a nano-In-ceria modified glassy carbon paste electrode. <i>RSC Advances</i> , 2016, 6, 90220-90231.	3.6	24
22	Sensitive electrochemical sensor for simultaneous determination of uric acid and xanthine in human biological fluids based on the nano-boron doped ceria modified glassy carbon paste electrode. <i>Journal of Electroanalytical Chemistry</i> , 2016, 780, 176-186.	3.8	44
23	A new sensor based on In doped CeO ₂ nanoparticles modified glassy carbon paste electrode for sensitive determination of uric acid in biological fluids. <i>Sensors and Actuators B: Chemical</i> , 2016, 224, 868-877.	7.8	61
24	Interactions of an anticancer drug lomustine with single and double stranded DNA at physiological conditions analyzed by electrochemical and spectroscopic methods. <i>Journal of Electroanalytical Chemistry</i> , 2016, 769, 62-71.	3.8	31
25	A novel electrochemical sensor based on B doped CeO ₂ nanocubes modified glassy carbon microspheres paste electrode for individual and simultaneous determination of xanthine and hypoxanthine. <i>Sensors and Actuators B: Chemical</i> , 2016, 232, 125-137.	7.8	58
26	Adsorptive stripping voltammetric determination of anticancer drug lomustine in biological fluids using in situ mercury film coated graphite pencil electrode. <i>Journal of Electroanalytical Chemistry</i> , 2016, 760, 135-142.	3.8	22
27	Interactions of an anticancer drug Formestane with single and double stranded DNA at physiological conditions. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 149, 27-36.	3.8	25
28	Square wave adsorptive stripping voltammetric determination of anticancer drug nilutamide in biological fluids using cationic surfactant cetyltrimethylammonium bromide. <i>Analytical Methods</i> , 2015, 7, 9137-9144.	2.7	36
29	Indium oxide nanoparticles modified carbon paste electrode for sensitive voltammetric determination of aromatase inhibitor formestane. <i>Sensors and Actuators B: Chemical</i> , 2015, 209, 630-638.	7.8	23
30	Novel sensor for sensitive electrochemical determination of luteolin based on In ₂ O ₃ nanoparticles modified glassy carbon paste electrode. <i>Sensors and Actuators B: Chemical</i> , 2015, 206, 744-752.	7.8	59
31	Electrochemical studies and spectroscopic investigations on the interaction of an anticancer drug flutamide with DNA and its analytical applications. <i>Journal of Electroanalytical Chemistry</i> , 2015, 736, 1-7.	3.8	36
32	Binding mode and thermodynamic studies on the interaction of the anticancer drug dacarbazine and dacarbazine-Cu(II) complex with single and double stranded DNA. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 95, 26-33.	2.8	27
33	Individual and Simultaneous Square Wave Voltammetric Determination of the Anticancer Drugs Emodin and Irinotecan at Renewable Pencil Graphite Electrodes. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	0
34	Electrochemical Behaviour of the Anticancer Dacarbazine-Cu ²⁺ Complex and Its Analytical Applications. <i>Electroanalysis</i> , 2011, 23, 1638-1644.	2.9	15
35	Chelate Adsorption for Trace Voltammetric Determination of Xanthosine 5'-Monophosphate and Xanthosine 5'-Diphosphate. <i>Mikrochimica Acta</i> , 2006, 153, 57-64.	5.0	1
36	Cathodic Adsorptive Stripping Voltammetric Determination of the Antitumor Drug Rutin in Pharmaceuticals, Human Urine, and Blood Serum. <i>Mikrochimica Acta</i> , 2006, 153, 7-13.	5.0	28

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37	Ultra-Sensitive Anodic Stripping Voltammetry for the Determination of Xanthine at a Glassy Carbon Electrode. <i>Mikrochimica Acta</i> , 2004, 144, 249-256.	5.0	12
38	Differential Pulse and Square-Wave Cathodic Stripping Voltammetry of Xanthine and Xanthosine at a Mercury Electrode. <i>Analytical Sciences</i> , 2003, 19, 1115-1119.	1.6	7