Hossieny Ibrahim

List of Publications by Year
in descending order

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38 papers	947 citations	331259 21 h-index	476904 29 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. Journal of Electroanalytical Chemistry, 2022, 907, 116067.	1.9	5
2	Surface decoration of functionalized carbon black nanoparticles with nanosized gold particles for electrochemical sensing of diuretic spironolactone in patient plasma. Microchemical Journal, 2022, 178, 107425.	2.3	13
3	A novel electrochemical sensor based on functionalized glassy carbon microparticles@CeO2 coreâ€“shell for ultrasensitive detection of breast anticancer drug exemestane in patient plasma and pharmaceutical dosage form. Microchemical Journal, 2021, 167, 106264.	2.3	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. Sensors and Actuators B: Chemical, 2021, 347, 130626.	4.0	18
5	Synergistic electrocatalytic activity of In2O3@FMWCNTs nanocomposite for electrochemical quantification of dobutamine in clinical patient blood and in injection dosage form. Talanta, 2020, 208, 120362.	2.9	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. Journal of Electroanalytical Chemistry, 2020, 859, 113836.	1.9	27
7	Gold nanoparticles anchored graphitized carbon nanofibers ionic liquid electrode for ultrasensitive and selective electrochemical sensing of anticancer drug irinotecan. Mikrochimica Acta, 2020, 187, 579.	2.5	16
8	A new hybrid nanocomposite electrode based on Au/CeO₂-decorated functionalized glassy carbon microspheres for the voltammetric sensing of quercetin and its interaction with DNA. Analytical Methods, 2020, 12, 2846-2857.	1.3	20
9	Exploring efficacy of indole-based dual inhibitors for Î±-glucosidase and Î±-amylase enzymes: In silico, biochemical and kinetic studies. International Journal of Biological Macromolecules, 2020, 154, 217-232.	3.6	26
10	A Novel Platform Based on Auâ˜CeO₂@MWCNT Functionalized Glassy Carbon Microspheres for Voltammetric Sensing of Valrubicin as Bladder Anticancer Drug and its Interaction with DNA. Electroanalysis, 2020, 32, 2146-2155.	1.5	25
11	A hybrid nanocomposite of CeO₂â€“ZnOâ€“chitosan as an enhanced sensing platform for highly sensitive voltammetric determination of paracetamol and its degradation product p-aminophenol. RSC Advances, 2019, 9, 15986-15996.	1.7	28
12	A novel megestrol acetate electrochemical sensor based on conducting functionalized acetylene blackâ€“CeO2NPs nanohybrids decorated glassy carbon microspheres. Talanta, 2019, 200, 324-332.	2.9	17
13	Simultaneous Anodic Adsorptive Stripping Voltammetric Determination of Luteolin and 3â€Hydroxyflavone in Biological Fluids Using Renewable Pencil Graphite Electrodes. Electroanalysis, 2019, 31, 1095-1103.	1.5	19
14	A novel sensor based on nanobiocomposite Au-Â‍n2O3-Âchitosan modified acetylene black paste electrode for sensitive detection of antimycotic ciclopirox olamine. Talanta, 2018, 179, 75-85.	2.9	22
15	Comparative studies on the interaction of anticancer drug irinotecan with dsDNA and ssDNA. RSC Advances, 2018, 8, 25387-25395.	1.7	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. Sensors and Actuators B: Chemical, 2018, 274, 123-132.	4.0	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. Journal of Electroanalytical Chemistry, 2018, 824, 22-31.	1.9	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. RSC Advances, 2017, 7, 32357-32366.	1.7	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. Electroanalysis, 2016, 28, 372-379.	1.5	47
20	Fabrication of a novel electrochemical sensor based on Znâ€“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. Journal of Electroanalytical Chemistry, 2016, 782, 9-18.	1.9	19
21	Electrochemical sensor for individual and simultaneous determination of guanine and adenine in biological fluids and in DNA based on a nano-Inâ€“ceria modified glassy carbon paste electrode. RSC Advances, 2016, 6, 90220-90231.	1.7	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. Journal of Electroanalytical Chemistry, 2016, 780, 176-186.	1.9	44
23	A new sensor based on In doped CeO2 nanoparticles modified glassy carbon paste electrode for sensitive determination of uric acid in biological fluids. Sensors and Actuators B: Chemical, 2016, 224, 868-877.	4.0	61
24	Interactions of an anticancer drug lomustine with single and double stranded DNA at physiological conditions analyzed by electrochemical and spectroscopic methods. Journal of Electroanalytical Chemistry, 2016, 769, 62-71.	1.9	31
25	A novel electrochemical sensor based on B doped CeO2 nanocubes modified glassy carbon microspheres paste electrode for individual and simultaneous determination of xanthine and hypoxanthine. Sensors and Actuators B: Chemical, 2016, 232, 125-137.	4.0	58
26	Adsorptive stripping voltammetric determination of anticancer drug lomustine in biological fluids using in situ mercury film coated graphite pencil electrode. Journal of Electroanalytical Chemistry, 2016, 760, 135-142.	1.9	22
27	Interactions of an anticancer drug Formestane with single and double stranded DNA at physiological conditions. Journal of Photochemistry and Photobiology B: Biology, 2015, 149, 27-36.	1.7	25
28	Square wave adsorptive stripping voltammetric determination of anticancer drug nilutamide in biological fluids using cationic surfactant cetyltrimethylammonium bromide. Analytical Methods, 2015, 7, 9137-9144.	1.3	36
29	Indium oxide nanoparticles modified carbon paste electrode for sensitive voltammetric determination of aromatase inhibitor formestane. Sensors and Actuators B: Chemical, 2015, 209, 630-638.	4.0	23
30	Novel sensor for sensitive electrochemical determination of luteolin based on In2O3 nanoparticles modified glassy carbon paste electrode. Sensors and Actuators B: Chemical, 2015, 206, 744-752.	4.0	59
31	Electrochemical studies and spectroscopic investigations on the interaction of an anticancer drug flutamide with DNA and its analytical applications. Journal of Electroanalytical Chemistry, 2015, 736, 1-7.	1.9	36
32	Binding mode and thermodynamic studies on the interaction of the anticancer drug dacarbazine and dacarbazineâ€“Cu(II) complex with single and double stranded DNA. Journal of Pharmaceutical and Biomedical Analysis, 2014, 95, 26-33.	1.4	27
33	Individual and Simultaneous Square Wave Voltammetric Determination of the Anticancer Drugs Emodin and Irinotecan at Renewable Pencil Graphite Electrodes. Journal of the Brazilian Chemical Society, 2013, , .	0.6	0
34	Electrochemical Behaviour of the Anticancer Dacarbazineâ€Cu²⁺ Complex and Its Analytical Applications. Electroanalysis, 2011, 23, 1638-1644.	1.5	15
35	Chelate Adsorption for Trace Voltammetric Determination of Xanthosine 5â€²-Monophosphate and Xanthosine 5â€²-Diphosphate. Mikrochimica Acta, 2006, 153, 57-64.	2.5	1
36	Cathodic Adsorptive Stripping Voltammetric Determination of the Antitumor Drug Rutin in Pharmaceuticals, Human Urine, and Blood Serum. Mikrochimica Acta, 2006, 153, 7-13.	2.5	28

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37	Ultra-Sensitive Anodic Stripping Voltammetry for the Determination of Xanthine at a Glassy Carbon Electrode. Mikrochimica Acta, 2004, 144, 249-256.	2.5	12
38	Differential Pulse and Square-Wave Cathodic Stripping Voltammetry of Xanthine and Xanthosine at a Mercury Electrode. Analytical Sciences, 2003, 19, 1115-1119.	0.8	7