

Hossieny Ibrahim

List of Publications by Year in descending order

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Version: 2024-02-01

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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 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 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

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|----|--|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | A novel sensor based on nanobiocomposite Au- In_2O_3 -chitosan modified acetylene black paste electrode for sensitive detection of antimycotic ciclopirox olamine. <i>Talanta</i> , 2018, 179, 75-85. | 5.5 | 22 |
| 23 | Comparative studies on the interaction of anticancer drug irinotecan with dsDNA and ssDNA. <i>RSC Advances</i> , 2018, 8, 25387-25395. | 3.6 | 22 |
| 24 | 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 |
| 25 | Fabrication of a novel electrochemical sensor based on Zn- In_2O_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 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | Electrochemical Behaviour of the Anticancer Dacarbazine- Cu^{2+} Complex and Its Analytical Applications. <i>Electroanalysis</i> , 2011, 23, 1638-1644. | 2.9 | 15 |
| 32 | 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 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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 |
| 36 | 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 |

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|----|--|-----|-----------|
| 37 | Chelate Adsorption for Trace Voltammetric Determination of Xanthosine 5â€²-Monophosphate and Xanthosine 5â€²-Diphosphate. <i>Mikrochimica Acta</i> , 2006, 153, 57-64. | 5.0 | 1 |
| 38 | 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 |