Abdolhamid Hatefi-Mehrjardi

List of Publications by Year in descending order

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36 papers

839 citations

16 h-index 28 g-index

36 all docs 36 docs citations

36 times ranked 1193 citing authors

| # | Article | IF | CITATIONS |
|----|---|-----------|----------------|
| 1 | Impedimetric glucose biosensing based on drop-cast of porous graphene, nafion, ferrocene, and glucose oxidase biocomposite optimized by central composite design. Journal of Electroanalytical Chemistry, 2022, 919, 116544. | 3.8 | 4 |
| _ | Fabrication and electrochemical study of K(1,1′- (1,4) Tj ETQqO 0 0 rgBT /Overlock 10 Tf 50 707 Td (Butanedi | , , , , | , - |
| 2 | for electrocatalytic detection of nitrite. Journal of Electroanalytical Chemistry, 2021, 886, 115139. | 3.8 | 9 |
| 3 | Graphitic carbon nitride-graphene nanoplates; Application in the sensitive electrochemical detection of noscapine. Synthetic Metals, 2020, 268, 116489. | 3.9 | 4 |
| 4 | Highly sensitive detection of dopamine, ascorbic and uric acid with a nanostructure of dianix yellow/multi-walled carbon nanotubes modified electrode. Measurement: Journal of the International Measurement Confederation, 2020, 163, 107893. | 5.0 | 12 |
| 5 | Highly Sensitive Detection of Dopamine, Ascorbic and Uric Acids using Dianix Yellow/Multi-walled Carbon Nanotubes Modified Electrode. Journal of Analytical Chemistry, 2020, 75, 366-377. | 0.9 | 5 |
| 6 | Electrocatalytic determination of Cd ²⁺ and Pb ²⁺ using an <scp> </scp> -cysteine tungstophosphate self-assembled monolayer on a polycrystalline gold electrode. New Journal of Chemistry, 2019, 43, 14417-14425. | 2.8 | 9 |
| 7 | Signal promoting role of a p-type transition metal dichalcogenide used for the detection of ultra-trace amounts of diclofenac via a labeled aptasensor. Frontiers of Chemical Science and Engineering, 2019, 13, 823-831. | 4.4 | 3 |
| 8 | Cu+2 loaded "zeolite A"/ nitrogen-doped graphene as a novel hybrid for simultaneous voltammetry determination of carbamazepine and dopamine. Materials Chemistry and Physics, 2019, 225, 137-144. | 4.0 | 12 |
| 9 | Electrochemical behavior of inorganic–organic hybrid polyoxometalate ((Cys) ₃ [PW ₁₂ O ₄₀]) nanostructure self-assembled monolayer on polycrystalline gold electrode surfaces. New Journal of Chemistry, 2019, 43, 1388-1397. | 2.8 | 16 |
| 10 | A sensitive biosensing method for detecting of ultra-trace amounts of AFB1 based on "Aptamer/reduced graphene oxide―nano-bio interaction. Colloids and Surfaces B: Biointerfaces, 2019, 175, 98-105. | 5.0 | 31 |
| 11 | Fe3+-Clinoptilolite/graphene oxide and layered MoS2@Nitrogen doped graphene as novel graphene based nanocomposites for DMFC. International Journal of Hydrogen Energy, 2017, 42, 16741-16751. | 7.1 | 19 |
| 12 | Sensitive Electrochemical Detection of Dopamine, Uric and Ascorbic Acids Based on poly-(Dianix) Tj ETQq0 0 0 r | gBT_/Over | ock 10 Tf 50 3 |
| 13 | Poly-Dianix Blue/Multi-Walled Carbon Nanotube Modified Electrode for Detection of Levodopa in the Presence of High Concentrations of Ascorbic and Uric Acids. Acta Chimica Slovenica, 2017, 64, 193-201. | 0.6 | 4 |
| 14 | A new simple method for determining the critical micelle concentration of surfactants using surface plasmon resonance of silver nanoparticles. Journal of Analytical Science and Technology, 2015, 6, . | 2.1 | 48 |
| 15 | A novel rapid synthesis of Fe2O3/graphene nanocomposite using ferrate(VI) and its application as a new kind of nanocomposite modified electrode as electrochemical sensor. Materials Research Bulletin, 2015, 70, 856-864. | 5.2 | 29 |
| 16 | A new sorbent based on MWCNTs modification for separation/preconcentration of trace amounts of $Cd(II)$, $Cu(II)$, $Cu(II)$, $Ni(II)$, and $Pb(II)$ and their determination by flame atomic absorption spectrometry. Journal of Analytical Science and Technology, 2015, 6, . | 2.1 | 11 |
| 17 | Synthesis, characterization, and application of MgO/ZnO nanocomposite supported on activated carbon for photocatalytic degradation of methylene blue. Research on Chemical Intermediates, 2015, 41, 6157-6168. | 2.7 | 22 |
| 18 | SEPARATION/PRECONCENTRATION AND DETERMINATION OF TRACE AMOUNTS OF PALLADIUM USING MODIFIED ALUMINA COATED MAGNETITE NANOPARTICLES WITHOUT CHELATING AGENT. Journal of the Chilean Chemical Society, 2014, 59, 2248-2251. | 1,2 | 5 |

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|----|--|-------------|-----------|
| 19 | Application of Modified Magnetite Nanoparticles as a New Sorbent for Separation/Preconcentration of Mercury(II) Trace Amounts and its Determination by Cold Vapor Atomic Absorption Spectrometry. Croatica Chemica Acta, 2014, 87, 129-136. | 0.4 | 9 |
| 20 | Separation/Preconcentration and Speciation Analysis of Trace Amounts of Arsenate and Arsenite in Water Samples Using Modified Magnetite Nanoparticles and Molybdenum Blue Method. Journal of Chemistry, 2014, 2014, 1-9. | 1.9 | 15 |
| 21 | Nanostructured base electrochemical sensor for voltammetric determination of homocysteine using a modified single-walled carbon nanotubes paste electrode. Ionics, 2014, 20, 1481-1488. | 2.4 | 9 |
| 22 | Polyâ€(Alizarin Red S)â€Modified Glassy Carbon Electrode for Simultaneous Electrochemical Determination of Levodopa, Homovanillic Acid and Ascorbic Acid. Electroanalysis, 2014, 26, 2491-2500. | 2.9 | 28 |
| 23 | Speciation Analysis of Cr(III) and Cr(VI) after Solid Phase Extraction Using Modified Magnetite Nanoparticles. Journal of the Chinese Chemical Society, 2013, 60, 1339-1346. | 1.4 | 14 |
| 24 | Bienzyme self-assembled monolayer on gold electrode: An amperometric biosensor for carbaryl determination. Electrochimica Acta, 2013, 114, 394-402. | 5.2 | 28 |
| 25 | Solid phase extraction of trace amounts of silver (I) using dithizone-immobilized alumina-coated magnetite nanoparticles prior to determination by flame atomic absorption spectrometry. International Journal of Environmental Analytical Chemistry, 2012, 92, 1325-1340. | 3.3 | 23 |
| 26 | Solid phase extraction of trace amounts of Pb(II) in opium, heroin, lipstick, plants and water samples using modified magnetite nanoparticles prior to its atomic absorption determination. Journal of the Iranian Chemical Society, 2012, 9, 171-180. | 2.2 | 19 |
| 27 | Determination of silver(I) by flame atomic absorption spectrometry after separation/preconcentration using modified magnetite nanoparticles. Scientia Iranica, 2011, 18, 790-796. | 0.4 | 50 |
| 28 | Electrocatalytic determination of chlorpromazine drug using Alizarin Red S as a mediator on the glassy carbon electrode. Russian Journal of Electrochemistry, 2011, 47, 34-41. | 0.9 | 18 |
| 29 | Comparative electrochemical behavior of glucose oxidase covalently immobilized on mono-, di- and tetra-carboxylic acid functional Au-thiol SAMs via anhydride-derivatization route. Sensors and Actuators B: Chemical, 2009, 137, 195-204. | 7.8 | 15 |
| 30 | Immobilization of l-lysine \hat{l}_{\pm} -oxidase on gold-mercaptopropionic acid self-assembled monolayer: Preparation and electrochemical characterization. Bioelectrochemistry, 2009, 75, 124-129. | 4.6 | 18 |
| 31 | Electrocatalytic activities of gold-5-amino-2-mercaptobenzimidazole-Mn+ self-assembled monolayer complexes (Mn+: Ag+, Cu2+) for hydroquinone oxidation investigated by CV and EIS. Electrochimica Acta, 2008, 53, 4185-4192. | 5.2 | 17 |
| 32 | Sensitive determination of iron(III) by gold electrode modified with 2-mercaptosuccinic acid self-assembled monolayer. Analytica Chimica Acta, 2007, 601, 164-171. | 5.4 | 51 |
| 33 | Electrochemical investigation of the anodic corrosion of Pb–Ca–Sn–Li grid alloy in H2SO4 solution. Journal of Power Sources, 2007, 164, 890-895. | 7.8 | 22 |
| 34 | Electrochemical characterization of directly immobilized glucose oxidase on gold mercaptosuccinic anhydride self-assembled monolayer. Sensors and Actuators B: Chemical, 2007, 126, 415-423. | 7.8 | 26 |
| 35 | Comparative electrochemical study of self-assembled monolayers of 2-mercaptobenzoxazole, 2-mercaptobenzothiazole, and 2-mercaptobenzimidazole formed on polycrystalline gold electrode. Electrochimica Acta, 2007, 52, 7051-7060. | 5. 2 | 71 |
| 36 | A novel method for glucose determination based on electrochemical impedance spectroscopy using glucose oxidase self-assembled biosensor. Bioelectrochemistry, 2006, 69, 201-208. | 4.6 | 158 |