

Asöye Aslihan Avan

List of Publications by Year in descending order

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1002

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Nanotechnology-based Colorimetric Approaches for Pathogenic Virus Sensing: A Review. <i>Current Medicinal Chemistry</i> , 2022, 29, 2691-2718. | 2.4 | 3 |
| 2 | Multi-Walled Carbon Nanotubes Magnetic Composite as an Adsorbent for Preconcentration and Determination of Trace Level Vanadium in Water Samples. <i>Journal of Analytical Chemistry</i> , 2021, 76, 156-164. | 0.9 | 2 |
| 3 | Solid-phase extraction of Cr(VI) with magnetic melamine-formaldehyde resins, followed by its colorimetric sensing using gold nanoparticles modified with p-amino hippuric acid. <i>Microchemical Journal</i> , 2021, 164, 105962. | 4.5 | 9 |
| 4 | Spectrophotometric and colorimetric determination of gallium (III) with p-aminohippuric acid-functionalized citrate capped gold nanoparticles. <i>Turkish Journal of Chemistry</i> , 2021, 45, 879-891. | 1.2 | 1 |
| 5 | Electrochemical and Electrochemiluminescence Dendrimer-based Nanostructured Immunosensors for Tumor Marker Detection: A Review. <i>Current Medicinal Chemistry</i> , 2021, 28, 3490-3513. | 2.4 | 3 |
| 6 | Simultaneous Determination of Fat-Soluble Vitamins by Using Modified Glassy Carbon Electrode. <i>Russian Journal of Electrochemistry</i> , 2021, 57, 858-871. | 0.9 | 4 |
| 7 | A Review on Colorimetric Sensing of Tumor Markers Based on Enzyme-Mimicking Nanomaterials. <i>Current Medicinal Chemistry</i> , 2021, 28, 6123-6145. | 2.4 | 6 |
| 8 | Ethylenediamine grafted carbon nanotube aerogels modified screen-printed electrode for simultaneous electrochemical immunoassay of multiple tumor markers. <i>Journal of Electroanalytical Chemistry</i> , 2021, 900, 115700. | 3.8 | 10 |
| 9 | Simultaneous electrochemical sensing of dihydroxybenzene isomers at multi-walled carbon nanotubes aerogel/gold nanoparticles modified graphene screen-printed electrode. <i>Journal of Electroanalytical Chemistry</i> , 2020, 878, 114682. | 3.8 | 21 |
| 10 | Review on applications of carbon nanomaterials for simultaneous electrochemical sensing of environmental contaminant dihydroxybenzene isomers. <i>Arabian Journal of Chemistry</i> , 2020, 13, 6092-6105. | 4.9 | 37 |
| 11 | Electrochemical immunosensors for the detection of cytokine tumor necrosis factor alpha: A review. <i>Talanta</i> , 2020, 211, 120758. | 5.5 | 55 |
| 12 | Neutral red interlinked gold nanoparticles/multiwalled carbon nanotubes modified electrochemical sensor for simultaneous speciation and detection of chromium (VI) and vanadium (V) in water samples. <i>Microchemical Journal</i> , 2020, 158, 105242. | 4.5 | 13 |
| 13 | Dispersive Liquid-Liquid Microextraction Based on Ionic Liquid and Spectrophotometric Determination of Bilirubin in Biological Samples. <i>Current Analytical Chemistry</i> , 2020, 16, 652-659. | 1.2 | 4 |
| 14 | Electrochemical Immunosensors Based on Nanostructured Materials for Sensing of Prostate-Specific Antigen: A Review. <i>Current Medicinal Chemistry</i> , 2020, 28, 4023-4048. | 2.4 | 3 |
| 15 | Nanostructures for nonlabeled and labeled electrochemical immunosensors: Simultaneous electrochemical detection of cancer markers: A review. <i>Talanta</i> , 2019, 205, 120153. | 5.5 | 98 |
| 16 | Magnetic nanostructures for preconcentration, speciation and determination of chromium ions: A review. <i>Talanta</i> , 2019, 203, 168-177. | 5.5 | 39 |
| 17 | Dextran modified magnetic nanoparticles based solid phase extraction coupled with linear sweep voltammetry for the speciation of Cr(VI) and Cr(III) in tea, coffee, and mineral water samples. <i>Food Chemistry</i> , 2019, 292, 151-159. | 8.2 | 34 |
| 18 | Multiwalled Carbon Nanotubes β -Cyclodextrin Modified Electrode for Electrochemical Determination of Bisphenol S in Water Samples. <i>Russian Journal of Electrochemistry</i> , 2019, 55, 70-77. | 0.9 | 14 |

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|----|--|-----|-----------|
| 19 | Electrochemical Determination of Rivastigmine Hydrogen Tartrate at β -Cyclodextrin/Multi-Walled Carbon Nanotubes Modified Electrode. Current Pharmaceutical Analysis, 2019, 15, 211-216. | 0.6 | 1 |
| 20 | Visible Light Detection of Dopamine Enhanced by Cloud Point Extraction. Current Pharmaceutical Analysis, 2019, 15, 528-534. | 0.6 | 0 |
| 21 | Conducting polymer modified screen-printed carbon electrode coupled with magnetic solid phase microextraction for determination of caffeine. Food Chemistry, 2018, 242, 301-307. | 8.2 | 35 |
| 22 | CoFe ₂ O ₄ -MWCNTs Modified Screen Printed Carbon Electrode Coupled with Magnetic CoFe ₂ O ₄ -MWCNTs Based Solid Phase Microextraction for the detection of Bisphenol A. Current Nanoscience, 2018, 14, 199-208. | 1.2 | 14 |
| 23 | Electrochemical Determination of Dopamine Using a Graphene-Modified Screen-Printed Carbon Electrode with Magnetic Solid-Phase Microextraction. Analytical Letters, 2018, 51, 2628-2644. | 1.8 | 5 |
| 24 | Simultaneous Electrochemical Determination of Caffeine and Vanillin by Using Poly(Alizarin Red S) Modified Glassy Carbon Electrode. Food Analytical Methods, 2017, 10, 31-40. | 2.6 | 39 |
| 25 | Ionic Liquid Based Dispersive Liquid-Liquid Microextraction Combined with Magnetic-Based Dispersive Micro-Solid-Phase Extraction for Determination of Trace Cobalt in Water Samples by FAAS. Current Analytical Chemistry, 2017, 13, . | 1.2 | 6 |
| 26 | Electrochemical Determination of Bisphenol A Based on Poly(Chromotropic Acid) Modified Glassy Carbon Electrode. Current Analytical Chemistry, 2017, 13, . | 1.2 | 14 |
| 27 | Simultaneous Electrochemical Determination of Vitamin K1 and Vitamin D3 by using Poly (Alizarin Red) Tj ETQq1 1 0.784314 rgBT /O | 1.2 | 13 |
| 28 | Electrochemical Determination of Brucine in Urine with a Poly(Alizarin Red S)-modified Glassy Carbon Electrode. Analytical Letters, 2016, 49, 2716-2727. | 1.8 | 6 |
| 29 | Electrochemical Determination of Vitamin B-12 in Food Samples by Poly(2,2-((1,4-phenylenedivinylene)) Tj ETQq1 1 0.784314 rgBT /O Analytical Methods, 2016, 9, 2251-2260. | 2.6 | 5 |
| 30 | Simultaneous detection of ascorbic acid, dopamine, uric acid and tryptophan with Azure A-interlinked multi-walled carbon nanotube/gold nanoparticles composite modified electrode. Arabian Journal of Chemistry, 2016, 9, 471-480. | 4.9 | 71 |
| 31 | Simultaneous Electrochemical Determination of α -Tocopherol and Retinol in Micellar Media by a Poly(2,2-((1,4 Phenylenedivinylene)-bis-8-Hydroxyquinaldine)-Multiwalled Carbon Nanotube Modified Electrode. Analytical Letters, 2016, 49, 1240-1257. | 1.8 | 9 |
| 32 | Determination of Tocopherol Using Reduced Graphene Oxide-Nafion Hybrid-Modified Electrode in Pharmaceutical Capsules and Vegetable Oil Samples. Food Analytical Methods, 2016, 9, 1745-1753. | 2.6 | 8 |
| 33 | Electrochemical Determination of Nicotine Poly (Alizarin red S) Modified Graphene Screen-Printed Carbon Electrode. Current Nanoscience, 2016, 13, 92-99. | 1.2 | 2 |
| 34 | Determination of Tetracycline on the Surface of a High- Performance Graphene Modified Screen-Printed Carbon Electrode in Milk and Honey Samples. Current Nanoscience, 2016, 12, 527-533. | 1.2 | 18 |
| 35 | Poly(2,2-((1,4-phenylenedivinylene) Bis-8-hydroxyquinaldine) Modified Glassy Carbon Electrode for the Simultaneous Determination of Paracetamol and p -Aminophenol. Analytical Letters, 2015, 48, 2581-2596. | 1.8 | 12 |
| 36 | Voltammetric Sensing of Bilirubin Based on Nafion/Electrochemically Reduced Graphene Oxide Composite Modified Glassy Carbon Electrode. Current Analytical Chemistry, 2015, 11, 96-103. | 1.2 | 16 |

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|----|--|-----|-----------|
| 37 | Poly (Rhodamine B) and MWCNTs Composite Film for the Separation and Simultaneous Voltammetric Quantification of Tryptophan, Paracetamol, Uric Acid, Dopamine and Ascorbic Acid. Current Analytical Chemistry, 2015, 11, 87-95. | 1.2 | 7 |
| 38 | Nafion/Multi-wall Carbon Nanotubes Composite Modified Glassy Carbon Electrode for Sensitive Determination of Bilirubin. Current Nanoscience, 2015, 11, 784-791. | 1.2 | 6 |
| 39 | Square-wave stripping voltammetric determination of caffeic acid on electrochemically reduced graphene oxideâ€Nafion composite film. Talanta, 2013, 116, 245-250. | 5.5 | 76 |