AsÄºye Aslihan Avan

List of Publications by Year
in descending order

39 papers	719 citations	687335 13 h-index	552766 26 g-index
39 all docs	39 docs citations	39 times ranked	1002 citing authors

#	Article	IF	Citations
1	Nanotechnology-based Colorimetric Approaches for Pathogenic Virus Sensing: A Review. Current Medicinal Chemistry, 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. Journal of Analytical Chemistry, 2021, 76, 156-164.	0.9	2
3	Solid-phase extraction of Cr(VI) with magnetic melamineâ€“formaldehyde resins, followed by its colorimetric sensing using gold nanoparticles modified with p-amino hippuric acid. Microchemical Journal, 2021, 164, 105962.	4.5	9
4	Spectrophotometric and colorimetric determination of gallium (III) with p-aminohippu- ric acid-functionalized citrate capped gold nanoparticles. Turkish Journal of Chemistry, 2021, 45, 879-891.	1.2	1
5	Electrochemical and Electrochemiluminescence Dendrimer-based Nanostructured Immunosensors for Tumor Marker Detection: A Review. Current Medicinal Chemistry, 2021, 28, 3490-3513.	2.4	3
6	Simultaneous Determination of Fat-Soluble Vitamins by Using Modified Glassy Carbon Electrode. Russian Journal of Electrochemistry, 2021, 57, 858-871.	0.9	4
7	A Review on Colorimetric Sensing of Tumor Markers Based on Enzyme-Mimicking Nanomaterials. Current Medicinal Chemistry, 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. Journal of Electroanalytical Chemistry, 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. Journal of Electroanalytical Chemistry, 2020, 878, 114682.	3.8	21
10	Review on applications of carbon nanomaterials for simultaneous electrochemical sensing of environmental contaminant dihydroxybenzene isomers. Arabian Journal of Chemistry, 2020, 13, 6092-6105.	4.9	37
11	Electrochemical immunosensors for the detection of cytokine tumor necrosis factor alpha: A review. Talanta, 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. Microchemical Journal, 2020, 158, 105242.	4.5	13
13	Dispersive Liquid-Liquid Microextraction Based on Ionic Liquid and Spectrophotometric Determination of Bilirubin in Biological Samples. Current Analytical Chemistry, 2020, 16, 652-659.	1.2	4
14	Electrochemical Immunosensors Based on Nanostructured Materials for Sensing of Prostate-Specific Antigen: A Review. Current Medicinal Chemistry, 2020, 28, 4023-4048.	2.4	3
15	Nanostructures for nonlabeled and labeled electrochemical immunosensors: Simultaneous electrochemical detection of cancer markers: A review. Talanta, 2019, 205, 120153.	5.5	98
16	Magnetic nanostructures for preconcentration, speciation and determination of chromium ions: A review. Talanta, 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. Food Chemistry, 2019, 292, 151-159.	8.2	34
18	Multiwalled Carbon Nanotubes Î²-Cyclodextrin Modified Electrode for Electrochemical Determination of Bisphenol S in Water Samples. Russian Journal of Electrochemistry, 2019, 55, 70-77.	0.9	14

#	Article	IF	Citations
19	Electrochemical Determination of Rivastigmine Hydrogen Tartrate at Î²-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	CoFe2O4-MWCNTs Modified Screen Printed Carbon Electrode Coupled with Magnetic CoFe2O4-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 Grapheneâ€“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 /Ov	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(2,2â€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 ofÎ±-Tocopherol and Retinol in Micellar Media by a Poly(2,2â€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(2,2â€²-(1,4-phenylenedivinylene) Bis-8-hydroxyquinaldine) Modified Glassy Carbon Electrode for the Simultaneous Determination of Paracetamol andp-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