

# AsÄ°ye Aslihan Avan

## List of Publications by Year in descending order

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39  
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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.	1.2	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.	0.4	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.	2.3	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.	0.5	1
5	Electrochemical and Electrochemiluminescence Dendrimer-based Nanostructured Immunosensors for Tumor Marker Detection: A Review. <i>Current Medicinal Chemistry</i> , 2021, 28, 3490-3513.	1.2	3
6	Simultaneous Determination of Fat-Soluble Vitamins by Using Modified Glassy Carbon Electrode. <i>Russian Journal of Electrochemistry</i> , 2021, 57, 858-871.	0.3	4
7	A Review on Colorimetric Sensing of Tumor Markers Based on Enzyme-Mimicking Nanomaterials. <i>Current Medicinal Chemistry</i> , 2021, 28, 6123-6145.	1.2	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.	1.9	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.	1.9	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.	2.3	37
11	Electrochemical immunosensors for the detection of cytokine tumor necrosis factor alpha: A review. <i>Talanta</i> , 2020, 211, 120758.	2.9	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.	2.3	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.	0.6	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.	1.2	3
15	Nanostructures for nonlabeled and labeled electrochemical immunosensors: Simultaneous electrochemical detection of cancer markers: A review. <i>Talanta</i> , 2019, 205, 120153.	2.9	98
16	Magnetic nanostructures for preconcentration, speciation and determination of chromium ions: A review. <i>Talanta</i> , 2019, 203, 168-177.	2.9	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.	4.2	34
18	Multiwalled Carbon Nanotubes $\beta$ -Cyclodextrin Modified Electrode for Electrochemical Determination of Bisphenol S in Water Samples. <i>Russian Journal of Electrochemistry</i> , 2019, 55, 70-77.	0.3	14

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19	Electrochemical Determination of Rivastigmine Hydrogen Tartrate at $\beta$ -Cyclodextrin/Multi-Walled Carbon Nanotubes Modified Electrode. <i>Current Pharmaceutical Analysis</i> , 2019, 15, 211-216.	0.3	1
20	Visible Light Detection of Dopamine Enhanced by Cloud Point Extraction. <i>Current Pharmaceutical Analysis</i> , 2019, 15, 528-534.	0.3	0
21	Conducting polymer modified screen-printed carbon electrode coupled with magnetic solid phase microextraction for determination of caffeine. <i>Food Chemistry</i> , 2018, 242, 301-307.	4.2	35
22	CoFe <sub>2</sub> O <sub>4</sub> -MWCNTs Modified Screen Printed Carbon Electrode Coupled with Magnetic CoFe <sub>2</sub> O <sub>4</sub> -MWCNTs Based Solid Phase Microextraction for the detection of Bisphenol A. <i>Current Nanoscience</i> , 2018, 14, 199-208.	0.7	14
23	Electrochemical Determination of Dopamine Using a Graphene-Modified Screen-Printed Carbon Electrode with Magnetic Solid-Phase Microextraction. <i>Analytical Letters</i> , 2018, 51, 2628-2644.	1.0	5
24	Simultaneous Electrochemical Determination of Caffeine and Vanillin by Using Poly(Alizarin Red S) Modified Glassy Carbon Electrode. <i>Food Analytical Methods</i> , 2017, 10, 31-40.	1.3	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. <i>Current Analytical Chemistry</i> , 2017, 13, .	0.6	6
26	Electrochemical Determination of Bisphenol A Based on Poly(Chromotropic Acid) Modified Glassy Carbon Electrode. <i>Current Analytical Chemistry</i> , 2017, 13, .	0.6	14
27	Simultaneous Electrochemical Determination of Vitamin K1 and Vitamin D3 by using Poly (Alizarin Red) Modified Glassy Carbon Electrode. <i>Current Analytical Chemistry</i> , 2017, 13, .	0.6	13
28	Electrochemical Determination of Brucine in Urine with a Poly(Alizarin Red S)-modified Glassy Carbon Electrode. <i>Analytical Letters</i> , 2016, 49, 2716-2727.	1.0	6
29	Electrochemical Determination of Vitamin B-12 in Food Samples by Poly(2,2'-(1,4-phenylenedivinylene)) Bis-8-Hydroxyquinoline Modified Glassy Carbon Electrode. <i>Analytical Methods</i> , 2016, 9, 2251-2260.	1.3	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. <i>Arabian Journal of Chemistry</i> , 2016, 9, 471-480.	2.3	71
31	Simultaneous Electrochemical Determination of $\alpha$ -Tocopherol and Retinol in Micellar Media by a Poly(2,2'-(1,4-Phenylenedivinylene)-bis-8-Hydroxyquinoline)-Multiwalled Carbon Nanotube Modified Electrode. <i>Analytical Letters</i> , 2016, 49, 1240-1257.	1.0	9
32	Determination of Tocopherol Using Reduced Graphene Oxide-Nafion Hybrid-Modified Electrode in Pharmaceutical Capsules and Vegetable Oil Samples. <i>Food Analytical Methods</i> , 2016, 9, 1745-1753.	1.3	8
33	Electrochemical Determination of Nicotine Poly (Alizarin red S) Modified Graphene Screen-Printed Carbon Electrode. <i>Current Nanoscience</i> , 2016, 13, 92-99.	0.7	2
34	Determination of Tetracycline on the Surface of a High- Performance Graphene Modified Screen-Printed Carbon Electrode in Milk and Honey Samples. <i>Current Nanoscience</i> , 2016, 12, 527-533.	0.7	18
35	Poly(2,2'-(1,4-phenylenedivinylene) Bis-8-hydroxyquinoline) Modified Glassy Carbon Electrode for the Simultaneous Determination of Paracetamol and <i>p</i> -Aminophenol. <i>Analytical Letters</i> , 2015, 48, 2581-2596.	1.0	12
36	Voltammetric Sensing of Bilirubin Based on Nafion/Electrochemically Reduced Graphene Oxide Composite Modified Glassy Carbon Electrode. <i>Current Analytical Chemistry</i> , 2015, 11, 96-103.	0.6	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. <i>Current Analytical Chemistry</i> , 2015, 11, 87-95.	0.6	7
38	Nafion/Multi-wall Carbon Nanotubes Composite Modified Glassy Carbon Electrode for Sensitive Determination of Bilirubin. <i>Current Nanoscience</i> , 2015, 11, 784-791.	0.7	6
39	Square-wave stripping voltammetric determination of caffeic acid on electrochemically reduced graphene oxideâ€™Nafion composite film. <i>Talanta</i> , 2013, 116, 245-250.	2.9	76