

# Dilek Eskikaya Bayraktape

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

238  
citations

933447

10  
h-index

996975

15  
g-index

18  
all docs

18  
docs citations

18  
times ranked

237  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensitive and selective voltammetric determination of anti-cancer agent shikonin on sepiolite clay/TiO <sub>2</sub> nanoparticle/MWCNTs composite carbon paste sensor and investigation of its electro-oxidation mechanism. <i>Journal of Electroanalytical Chemistry</i> , 2016, 780, 38-45.	3.8	32
2	Sensitive and cost effective disposable composite electrode based on graphite, nano-smectite and multiwall carbon nanotubes for the simultaneous trace level detection of ascorbic acid and acetylsalicylic acid in pharmaceuticals. <i>Talanta</i> , 2019, 203, 131-139.	5.5	25
3	Bismuth nanoparticles decorated on Na-montmorillonite-multiwall carbon nanotube for simultaneous determination of heavy metal ions- electrochemical methods. <i>Journal of Electroanalytical Chemistry</i> , 2022, 910, 116205.	3.8	20
4	Application of Single-use Electrode Based on Nano-clay and MWCNT for Simultaneous Determination of Acetaminophen, Ascorbic Acid and Acetylsalicylic Acid in Pharmaceutical Dosage. <i>Electroanalysis</i> , 2020, 32, 1263-1272.	2.9	19
5	TiO <sub>2</sub> modified carbon paste sensor for voltammetric analysis and chemometric optimization approach of amlodipine in commercial formulation. <i>Ionics</i> , 2016, 22, 1231-1240.	2.4	18
6	Electrochemical low-level detection of l-tryptophan in human urine samples: use of pencil graphite leads as electrodes for a fast and cost-effective voltammetric method. <i>Monatshefte für Chemie</i> , 2020, 151, 871-879.	1.8	16
7	A voltammetric study on drug-DNA interactions: Kinetic and thermodynamic aspects of the relations between the anticancer agent dasatinib and ds-DNA using a pencil lead graphite electrode. <i>Microchemical Journal</i> , 2020, 157, 104946.	4.5	15
8	Electrochemical sensor based on a sepiolite clay nanoparticle-based electrochemical sensor for ascorbic acid detection in real-life samples. <i>Ionics</i> , 2017, 23, 3487-3495.	2.4	13
9	Syntheses, characterization of and studies on the electrochemical behaviour of ferrocenyl dithiophosphonates and 4-methoxyphenyl dithiophosphonates. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2017, 192, 322-329.	1.6	13
10	Preparation and characterization of a pencil graphite electrode modified with gold nanoparticles decorated poly (l-methionine) and its use in the simultaneous sensitive electrochemical analysis of ascorbic acid, acetaminophen, chlorpheniramine maleate, and caffeine. <i>Microchemical Journal</i> , 2021, 171, 106812.	4.5	12
11	Highly sensitive direct simultaneous determination of zinc(II), cadmium(II), lead(II), and copper(II) based on in-situ-bismuth and mercury thin-film plated screen-printed carbon electrode. <i>Monatshefte für Chemie</i> , 2021, 152, 1527-1537.	1.8	12
12	Four-way parallel factor analysis of voltammetric four-way dataset for monitoring the etoposide-DNA interaction with its binding constant determination. <i>Bioelectrochemistry</i> , 2020, 134, 107525.	4.6	10
13	A Nano-Sepiolite Clay Electrochemical Sensor for the Rapid Electro-Catalytic Detection of Hydroquinone in Cosmetic Products. <i>Acta Chimica Slovenica</i> , 2018, 65, 946-954.	0.6	9
14	Electrochemical oxidation pathway of the anti-cancer agent dasatinib using disposable pencil graphite electrode and its adsorptive stripping voltammetric determination in biological samples. <i>Journal of the Turkish Chemical Society, Section A: Chemistry</i> , 2018, 5, 381-392.	1.1	8
15	Kinetic and thermodynamic studies on the interaction between calf thymus DNA and food additive vanillin - electrochemical methods. <i>Journal of Molecular Liquids</i> , 2022, 360, 119434.	4.9	7
16	Investigation of electrochemical oxidation mechanism, rapid and low-level determination for whitening cosmetic: arbutin in aqueous solution by nano sepiolite clay. <i>Chemical Papers</i> , 2021, 75, 3483-3491.	2.2	5
17	A Nano-Sepiolite Clay Electrochemical Sensor for the Rapid Electro-Catalytic Detection of Hydroquinone in Cosmetic Products. <i>Acta Chimica Slovenica</i> , 2018, 65, 946-954.	0.6	2
18	Square wave voltammetric pKa determination of aspirin using multi-way data analysis models. <i>Chemical Papers</i> , 2022, 76, 5389-5397.	2.2	2