

Leyla Karadurmus

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

206
citations

1307594

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176
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#	ARTICLE	IF	CITATIONS
1	A Review: New Trends in Electrode Systems for Sensitive Drug and Biomolecule Analysis. <i>Critical Reviews in Analytical Chemistry</i> , 2020, 50, 212-225.	3.5	34
2	Recent advances of enzyme biosensors for pesticide detection in foods. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 4582-4595.	3.2	32
3	Electrochemical, spectroscopic and molecular docking studies on the interaction of calcium channel blockers with dsDNA. <i>Bioelectrochemistry</i> , 2019, 127, 12-20.	4.6	21
4	Current Advances in Electrochemical Biosensors and Nanobiosensors. <i>Critical Reviews in Analytical Chemistry</i> , 2022, 52, 519-534.	3.5	15
5	Electrochemical Determination of Non-Steroidal Anti-Inflammatory Drugs. <i>Current Analytical Chemistry</i> , 2019, 15, 485-501.	1.2	14
6	The Interaction between DNA and Three Intercalating Anthracyclines Using Electrochemical DNA Nanobiosensor Based on Metal Nanoparticles Modified Screen-Printed Electrode. <i>Micromachines</i> , 2021, 12, 1337.	2.9	14
7	New analytical strategies Amplified with 2D carbon nanomaterials for electrochemical sensing of food pollutants in water and soils sources. <i>Chemosphere</i> , 2022, 296, 133974.	8.2	10
8	Sensitive Nucleic Acid Detection at NH ₂ -MWCNTs Modified Glassy Carbon Electrode and its Application for Monitoring of Gemcitabine-DNA Interaction. <i>Electroanalysis</i> , 2020, 32, 912-922.	2.9	9
9	A novel core-shell-based chromatographic method supported by ratio derivative spectrophotometry for the simultaneous determination of perindopril, indapamide, and amlodipine ternary mixtures. <i>Turkish Journal of Chemistry</i> , 2018, 42, 1408-1419.	1.2	7
10	Enantioselective recognition of esomeprazole with a molecularly imprinted sol-gel-based electrochemical sensor. <i>Mikrochimica Acta</i> , 2022, 189, 225.	5.0	7
11	Enhancement of graphene oxide through β -cyclodextrin composite to sensitive analysis of an antidepressant: Sulpiride. <i>Open Chemistry</i> , 2021, 19, 228-236.	1.9	6
12	Electrochemical Analysis of Antipsychotics. <i>Current Pharmaceutical Analysis</i> , 2019, 15, 413-428.	0.6	6
13	Development of a Surfactant/Platinum Composite for Sensitive Cardioselective Beta Blocker Detection and their Theoretical Studies. <i>Electroanalysis</i> , 2019, 31, 1598-1607.	2.9	5
14	Electrochemical Investigation of Ruxolitinib: Sensitive Voltammetric Assay in Drug Product and Human Serum by Using Different Solid Electrodes. <i>Electroanalysis</i> , 2022, 34, 1318-1328.	2.9	5
15	Current Status of Drug Delivery Approaches and Assay of Anti-Migraine Drugs. <i>Current Drug Delivery</i> , 2021, 18, 121-146.	1.6	4
16	Electrochemical Sensing of Anticancer Drug Using New Electrocatalytic Approach. <i>Topics in Catalysis</i> , 2022, 65, 703-715.	2.8	4
17	An Overview on Quantum Dot-based Nanocomposites for Electrochemical Sensing on Pharmaceutical Assay.. <i>Iranian Journal of Pharmaceutical Research</i> , 2021, 20, 187-203.	0.5	4
18	Carbon Dots in the Detection of Pathogenic Bacteria and Viruses. <i>Critical Reviews in Analytical Chemistry</i> , 2024, 54, 219-246.	3.5	4

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19	Recent Electrochemical Assays on Cephalosporins. <i>Current Pharmaceutical Analysis</i> , 2020, 16, 337-349.	0.6	3
20	An electrochemical and theoretical approach for the development of a sensitive flower-like nanosensor as serotonin receptor antagonist tropisetron. <i>Microchemical Journal</i> , 2022, 172, 106888.	4.5	2
21	Chiral Sensing as a Future Challenge in Electroanalytical Chemistry: Cyclodextrin-Based Chiral Sensors. <i>Critical Reviews in Analytical Chemistry</i> , 2021, , 1-22.	3.5	0
22	Achievements of Mesoporous Carbon Solution and Single-Walled Carbon Nanotube Composite on the Sensitive Electrochemical Assay of Ivabradine. <i>Analyticaâ€™A Journal of Analytical Chemistry and Chemical Analysis</i> , 2021, 2, 195-205.	1.7	0