

Ahmet AetÄ°nkaya

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

522
citations

840776

11
h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

451
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectroscopic investigations of the interactions of tramadol hydrochloride and 5-azacytidine drugs with human serum albumin and human hemoglobin proteins. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013, 120, 59-65.	3.8	94
2	Electrokinetic and rheological properties of kaolinite in poly(diallyldimethylammonium chloride), poly(sodium 4-styrene sulfonate) and poly(vinyl alcohol) solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 394, 23-32.	4.7	53
3	Latest advances on the nanomaterials-based electrochemical analysis of azo toxic dyes Sunset Yellow and Tartrazine in food samples. <i>Food and Chemical Toxicology</i> , 2021, 156, 112524.	3.6	50
4	Electrokinetic and rheological properties of sepiolite suspensions in the presence of hexadecyltrimethylammonium bromide. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 377, 123-129.	4.7	44
5	Sensor-based MIP technologies for targeted metabolomics analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 146, 116487.	11.4	39
6	Boron-Doped Diamond Electrodes: Recent Developments and Advances in View of Electrochemical Drug Sensors. <i>Critical Reviews in Analytical Chemistry</i> , 2022, 52, 1122-1138.	3.5	27
7	A molecularly imprinted electrochemical sensor based on highly selective and an ultra-trace assay of anti-cancer drug axitinib in its dosage form and biological samples. <i>Talanta</i> , 2021, 233, 122569.	5.5	23
8	Trends in sensitive electrochemical sensors for endocrine disruptive compounds. <i>Trends in Environmental Analytical Chemistry</i> , 2020, 28, e00106.	10.3	22
9	Green analytical chemistry approaches on environmental analysis. <i>Trends in Environmental Analytical Chemistry</i> , 2022, 33, e00157.	10.3	22
10	A porous molecularly imprinted nanofilm for selective and sensitive sensing of an anticancer drug ruxolitinib. <i>Analytica Chimica Acta</i> , 2021, 1187, 339143.	5.4	17
11	Simple and highly sensitive assay of axitinib in dosage form and biological samples and its electrochemical behavior on the boron-doped diamond and glassy carbon electrodes. <i>Electrochimica Acta</i> , 2021, 386, 138443.	5.2	15
12	A green synthesis route to develop molecularly imprinted electrochemical sensor for selective detection of vancomycin from aqueous and serum samples. , 2022, 2, 100017.		15
13	A sensitive and selective electrochemical sensor based on molecularly imprinted polymer for the assay of teriflunomide. <i>Talanta</i> , 2022, 249, 123689.	5.5	14
14	The role and the place of ionic liquids in molecularly imprinted polymer-based electrochemical sensors development for sensitive drug assay. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 147, 116512.	11.4	13
15	Computational design and fabrication of a highly selective and sensitive molecularly imprinted electrochemical sensor for the detection of enzalutamide. <i>Journal of Electroanalytical Chemistry</i> , 2022, 907, 116030.	3.8	11
16	A highly sensitive and selective electrochemical sensor based on computer-aided design of molecularly imprinted polymer for the determination of leflunomide. <i>Microchemical Journal</i> , 2022, 179, 107496.	4.5	11
17	Latest Advances in Determination of Bisphenols with Nanomaterials, Molecularly Imprinted Polymers and Aptamer Based Electrochemical Sensors. <i>Critical Reviews in Analytical Chemistry</i> , 2022, 52, 1223-1243.	3.5	10
18	Nanomaterial-based electroanalytical sensors for the selected prohibited anabolic agents, hormones and metabolic modulators and their sensitive assays. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 145, 116457.	11.4	9

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19	Carbon Nanomaterial-Based Drug Sensing Platforms Using State-of-the- Art Electroanalytical Techniques. <i>Current Analytical Chemistry</i> , 2022, 18, 79-101.	1.2	8
20	Sensitive and cost-effective boron doped diamond and Fe ₂ O ₃ /Chitosan nanocomposite modified glassy carbon electrodes for the trace level quantification of anti-diabetic dapagliflozin drug. <i>Journal of Electroanalytical Chemistry</i> , 2022, 908, 116092.	3.8	8
21	Spectroscopic, electrochemical, and some theoretical studies on the interactional of neuraminidase inhibitor zanamivir with double helix deoxyribonucleic acid. <i>Journal of Molecular Structure</i> , 2022, 1262, 133029.	3.6	6
22	Detailed electrochemical behavior and thermodynamic parameters of anticancer drug regorafenib and its sensitive electroanalytical assay in biological and pharmaceutical samples. <i>Microchemical Journal</i> , 2021, 170, 106717.	4.5	5
23	Electrochemical Sensing of Anticancer Drug Using New Electrocatalytic Approach. <i>Topics in Catalysis</i> , 2022, 65, 703-715.	2.8	4
24	Recent biopharmaceutical applications of capillary electrophoresis methods on recombinant DNA technology-based products. <i>Electrophoresis</i> , 2022, 43, 1035-1049.	2.4	2
25	Investigation of Pazopanib and Human Serum Albumin Interaction Using Spectroscopic and Molecular Docking Approaches. <i>Analytica Journal of Analytical Chemistry and Chemical Analysis</i> , 2022, 3, 144-160.	1.7	0