

# Ulku Anik

## List of Publications by Year in descending order

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Version: 2024-02-01

79  
papers

2,213  
citations

279798

23  
h-index

243625

44  
g-index

81  
all docs

81  
docs citations

81  
times ranked

2391  
citing authors

#	ARTICLE	IF	CITATIONS
1	Capacitive properties of promising energy storage material based on thiophene containing perylene diimide polymer. <i>Journal of Applied Polymer Science</i> , 2021, 138, app50234.	2.6	7
2	Development of Apple Tissue Based Biocathode and MWCNT@Pt@Au Nanomaterial Based Bioanode Biofuel Cell. <i>Electroanalysis</i> , 2021, 33, 873-881.	2.9	3
3	<i>Pseudomonas fragi</i> /graphene@gold hybrid nanomaterial bioanode based microbial fuel cell. <i>New Journal of Chemistry</i> , 2021, 45, 11101-11107.	2.8	2
4	Neuraminidase Based Electro@Nano Diagnostic Platforms: Development of Model Systems for Cancer Diagnosis. <i>Electroanalysis</i> , 2021, 33, 1160-1166.	2.9	2
5	Electrochemical sensor based on perylene diimide derivative modified electrode. <i>Monatshefte für Chemie</i> , 2021, 152, 193-199.	1.8	6
6	<i>L. Lactis</i> Subsp. <i>Lactis</i> of Cheese Origin Based Microbial Fuel Cell. <i>ChemistrySelect</i> , 2021, 6, 8270-8274.	1.5	2
7	Development and application of a SARS-CoV-2 colorimetric biosensor based on the peroxidase-mimic activity of Fe <sub>3</sub> O <sub>4</sub> nanoparticles. <i>Mikrochimica Acta</i> , 2021, 188, 335.	5.0	26
8	Graphene oxide@porphyrin composite nanostructure included electrochemical sensor for catechol detection. <i>New Journal of Chemistry</i> , 2021, 45, 1734-1742.	2.8	12
9	An impedimetric approach for COVID-19 detection. <i>Analyst</i> , 2021, 147, 130-138.	3.5	19
10	Centri@Voltammetric GSH Detection with PDI@C <sub>4</sub> SH as a Carrier Material. <i>ChemistrySelect</i> , 2021, 6, 11648-11652.	1.5	5
11	Centri@Voltammetric Folic Acid Detection. <i>Electroanalysis</i> , 2020, 32, 470-478.	2.9	11
12	Recent pros and cons of nanomaterials in drug delivery systems. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2020, 69, 1090-1100.	3.4	3
13	An Unsymmetrical Perylene Diimide Dye Modified Carbon Felt Electrode as A Novel Electrochemical Platform for Dopamine Detection. <i>ChemistrySelect</i> , 2020, 5, 11698-11702.	1.5	2
14	Fabrication of multi-walled carbon nanotube@metallic nanoparticle hybrid nanostructure based electrochemical platforms for sensitive and practical colchicine detection. <i>New Journal of Chemistry</i> , 2019, 43, 13437-13446.	2.8	7
15	Development of Practical Electrochemical System for Phenytoin Detection. <i>ChemistrySelect</i> , 2019, 4, 7704-7708.	1.5	8
16	Fabrication of graphene/azobenzene-peryene diimide derivative modified electrochemical sensors for the dopamine detection based on full factorial experimental design. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 147, 106867.	5.0	14
17	Development of a Sandwich Immunosensor for concurrent detection of carcinoembryonic antigen (CEA), vascular endothelial growth factor (VEGF) and $\alpha$ -fetoprotein (AFP) biomarkers. <i>Materials Science and Engineering C</i> , 2019, 101, 88-91.	7.3	16
18	Metal organic frameworks in electrochemical and optical sensing platforms: a review. <i>Mikrochimica Acta</i> , 2019, 186, 196.	5.0	138

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19	A polyoxy group branched diazo dye as an alternative material for the fabrication of an electrochemical epinephrine sensor. <i>New Journal of Chemistry</i> , 2019, 43, 18575-18581.	2.8	12
20	Electrochemical detection of influenza virus H9N2 based on both immunomagnetic extraction and gold catalysis using an immobilization-free screen printed carbon microelectrode. <i>Biosensors and Bioelectronics</i> , 2018, 107, 170-177.	10.1	79
21	Electrochemical Determination of Dopamine Using a Novel Perylenediimide-Derivative Modified Carbon Paste Electrode. <i>Analytical Letters</i> , 2018, 51, 1680-1693.	1.8	19
22	Electrochemical biosensors for influenza virus a detection: The potential of adaptation of these devices to POC systems. <i>Sensors and Actuators B: Chemical</i> , 2018, 254, 377-384.	7.8	48
23	Towards the electrochemical diagnostic of influenza virus: development of a grapheneâ€Au hybrid nanocomposite modified influenza virus biosensor based on neuraminidase activity. <i>Analyst</i> , The, 2018, 143, 150-156.	3.5	56
24	Development of an Osmium Redox Polymer Mediated Bioanode and Examination of its Performance in <i>Gluconobacter oxydans</i> Based Microbial Fuel Cell. <i>Electroanalysis</i> , 2017, 29, 1651-1657.	2.9	19
25	Voltammetric determination of caffeine by using gold nanoparticle-glassy carbon paste composite electrode. <i>Measurement: Journal of the International Measurement Confederation</i> , 2017, 106, 26-30.	5.0	22
26	Electroâ€Nano Diagnostic Platforms for Simultaneous Detection of Multiple Cancer Biomarkers. <i>Electroanalysis</i> , 2017, 29, 2832-2838.	2.9	15
27	Carboxylic acid functionalized multi-walled carbon nanotube assisted centri-voltammetry as a new approach for caffeine detection. <i>New Journal of Chemistry</i> , 2017, 41, 11800-11806.	2.8	11
28	Development of a Bioanode for Microbial Fuel Cells Based on the Combination of a MWCNTâ€Auâ€Pt Hybrid Nanomaterial, an Osmium Redox Polymer and <i>Gluconobacter oxydans</i> DSM 2343 Cells. <i>ChemistrySelect</i> , 2017, 2, 12034-12040.	1.5	16
29	A biochar-modified carbon paste electrode. <i>Turkish Journal of Chemistry</i> , 2017, 41, 455-465.	1.2	13
30	An effective electrochemical biosensing platform for the detection of reduced glutathione. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1-7.	2.8	10
31	Comparison of influence of nanomaterials on a glassy carbon paste electrode-based bioanode in biofuel cells. <i>Turkish Journal of Chemistry</i> , 2016, 40, 698-705.	1.2	5
32	Application of Centri-voltammetry to Cytosensors: Cyto-centrivoltammetry. <i>Electrochimica Acta</i> , 2016, 211, 71-76.	5.2	4
33	Graphene-metallic nanocomposites as modifiers in electrochemical glucose biosensor transducers. <i>2D Materials</i> , 2016, 3, 034001.	4.4	24
34	Centri-voltammetric detection of epinephrine. <i>Analytical Methods</i> , 2016, 8, 6872-6876.	2.7	9
35	Towards the electrochemical diagnosis of cancer: nanomaterial-based immunosensors and cytosensors. <i>RSC Advances</i> , 2016, 6, 111831-111841.	3.6	15
36	Preparation, Characterization and Electrochemical Application of Grapheneâ€metallic Nanocomposites. <i>Electroanalysis</i> , 2016, 28, 3048-3054.	2.9	20

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37	Fabrication of Electrochemical Model Influenza A Virus Biosensor Based on the Measurements of Neuroaminidase Enzyme Activity. <i>Analytical Chemistry</i> , 2016, 88, 6151-6153.	6.5	33
38	Microbial glucose biosensors based on glassy carbon paste electrodes modified with <i>Gluconobacter Oxydans</i> and graphene oxide or graphene-platinum hybrid nanoparticles. <i>Mikrochimica Acta</i> , 2016, 183, 73-81.	5.0	33
39	Ascorbic Acid Detection with MnO <sub>2</sub> -Modified GCPE. <i>Food Analytical Methods</i> , 2016, 9, 500-504.	2.6	15
40	Bismuth Nanoparticles Incorporated Centri-voltammetry for Phenol Detection. <i>Electroanalysis</i> , 2015, 27, 2838-2844.	2.9	8
41	Comparison of performances of bioanodes modified with graphene oxide and graphene-platinum hybrid nanoparticles. <i>Electrochemistry Communications</i> , 2015, 57, 31-34.	4.7	27
42	An electrochemical cytosensor based on a PAMAM modified glassy carbon paste electrode. <i>RSC Advances</i> , 2015, 5, 53973-53978.	3.6	24
43	Combination of a poly(3,4-ethylene-dioxythiophene) electrode in the presence of sodium dodecyl sulfate with centri-voltammetry. <i>Analytical Methods</i> , 2015, 7, 6740-6746.	2.7	9
44	Development of TiO <sub>2</sub> and Au Nanocomposite Electrode as CEA Immunosensor Transducer. <i>Electroanalysis</i> , 2014, 26, 1373-1381.	2.9	19
45	Amino acid intercalated montmorillonite: electrochemical biosensing applications. <i>RSC Advances</i> , 2014, 4, 50107-50113.	3.6	20
46	Centri-voltammetric dopamine detection. <i>RSC Advances</i> , 2014, 4, 31489-31492.	3.6	14
47	Label and indicator free electrochemical nanobiosensing of DNA hybridization based on MnO <sub>2</sub> nanomaterial modified GCPE. <i>RSC Advances</i> , 2014, 4, 39691-39696.	3.6	11
48	Gr-Pt hybrid NP modified GCPE as label and indicator free electrochemical genosensor platform. <i>Talanta</i> , 2014, 129, 523-528.	5.5	29
49	Metallic Nanoparticle and Metal Oxide Nanoparticle-Based Electrodes. , 2014, , 243-275.		1
50	Electrochemical Examination of Nanomaterial Modified Carbon Based Electrodes. <i>Current Analytical Chemistry</i> , 2014, 10, 435-442.	1.2	4
51	Centri-voltammetry and biocentri-voltammetry: a review. <i>Mikrochimica Acta</i> , 2013, 180, 741-749.	5.0	7
52	Centri-voltammetric determination of glutathione. <i>Mikrochimica Acta</i> , 2013, 180, 93-100.	5.0	23
53	Amine intercalated clay surfaces for microbial cell immobilization and biosensing applications. <i>RSC Advances</i> , 2013, 3, 7513.	3.6	28
54	Nanomaterial-based composite biosensor for glucose detection in alcoholic beverages. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2013, 41, 8-12.	2.8	17

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55	Poly(allylamine hydrochloride) Functionalized Multiwalled Carbon Nanotube Modified Carbon Paste Electrode as Acetylcholinesterase Biosensor Transducer. <i>Electroanalysis</i> , 2013, 25, 2377-2383.	2.9	4
56	Metal/Metal Oxide Micro/Nanostructured Modified GCPE For GSH Detection. <i>Current Analytical Chemistry</i> , 2012, 8, 351-357.	1.2	19
57	Biocentri-voltammetry for the enzyme assay: a model study. <i>RSC Advances</i> , 2012, 2, 4299.	3.6	13
58	Biocentri-voltammetric biosensor for acetylcholine and choline. <i>Mikrochimica Acta</i> , 2012, 179, 299-305.	5.0	24
59	Application of Bismuth(III)-Entrapped XO Biosensing System for Xanthine Determination in Beverages. <i>Food Analytical Methods</i> , 2012, 5, 716-722.	2.6	5
60	Centri-voltammetry for biosensing systems: biocentri-voltammetric xanthine detection. <i>Mikrochimica Acta</i> , 2011, 174, 207-212.	5.0	17
61	Bismuth Film Electrode as Sensing Platform for IgE-anti-IgE Interactions. <i>Electroanalysis</i> , 2011, 23, 2379-2385.	2.9	7
62	Effect of Nitric Acid Washing Procedure on Electrochemical Behavior of Carbon Nanotubes and Glassy Carbon 1/4-Particles. <i>Nanoscale Research Letters</i> , 2010, 5, 846-852.	5.7	30
63	Usage of Bismuth Film Electrode as Biosensor Transducer for Alkaline Phosphatase Assay. <i>Electroanalysis</i> , 2010, 22, 1519-1523.	2.9	12
64	Bismuth Film Combined with Screen-Printed Electrode as Biosensing Platform for Phenol Detection. <i>Electroanalysis</i> , 2010, 22, 1429-1436.	2.9	31
65	Banana Tissue-Nanoparticle/Nanotube Based Glassy Carbon Paste Electrode Biosensors for Catechol Detection. <i>Sensor Letters</i> , 2010, 8, 667-671.	0.4	24
66	Double-walled carbon nanotube based carbon paste electrode as xanthine biosensor. <i>Mikrochimica Acta</i> , 2009, 166, 209-213.	5.0	43
67	The usage of a bismuth film electrode as transducer in glucose biosensing. <i>Mikrochimica Acta</i> , 2008, 160, 269-273.	5.0	28
68	Examination of performance of glassy carbon paste electrode modified with gold nanoparticle and xanthine oxidase for xanthine and hypoxanthine detection. <i>Talanta</i> , 2007, 74, 434-439.	5.5	102
69	Carbon Nanotube Composite as Novel Platform for Microbial Biosensor. <i>Electroanalysis</i> , 2007, 19, 893-898.	2.9	41
70	Î±-Glucosidase based bismuth film electrode for inhibitor detection. <i>Analytica Chimica Acta</i> , 2007, 598, 143-146.	5.4	31
71	Development of a microbial biosensor based on carbon nanotube (CNT) modified electrodes. <i>Electrochemistry Communications</i> , 2007, 9, 1810-1815.	4.7	143
72	A biosensor based on graphite epoxy composite electrode for aspartame and ethanol detection. <i>Analytica Chimica Acta</i> , 2006, 570, 165-169.	5.4	42

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73	Effects of mediators on the laccase biosensor response in paracetamol detection. <i>Biotechnology and Applied Biochemistry</i> , 2006, 45, 23.	3.1	16
74	Laccase Biosensors Based on Mercury Thin Film Electrode. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 2005, 33, 447-456.	0.9	7
75	Xanthine oxidase modified glassy carbon paste electrode. <i>Electrochemistry Communications</i> , 2004, 6, 913-916.	4.7	55
76	Centri-voltammetric study with amberlite XAD-7 resin as a carrier system. <i>Talanta</i> , 2004, 65, 48-53.	5.5	19
77	Glassy carbon paste electrodes. <i>Electrochemistry Communications</i> , 2001, 3, 203-208.	4.7	93
78	Stripping voltammetry with the electrode material acting as a 'built-in' internal standard. <i>Electrochemistry Communications</i> , 2001, 3, 703-706.	4.7	76
79	Insights into the anodic stripping voltammetric behavior of bismuth film electrodes. <i>Analytica Chimica Acta</i> , 2001, 434, 29-34.	5.4	325