Ece Eksin

List of Publications by Year in Descending Order

58 papers	786 citations	15 h-index	26 g-index
62 ext. papers	992 ext. citations	4.8 avg, IF	4.79 L-index

#	Paper	IF	Citations
58	Electrochemical Monitoring of Interaction of Temozolamide with DNA by Graphene Oxide Modified Single-Use Electrodes. *Journal of the Electrochemical Society*, **2022**, 169, 026513	3.9	1
57	Impedimetric detection of miRNA biomarkers using paper-based electrodes modified with bulk crystals or nanosheets of molybdenum disulfide.. *Talanta*, **2022**, 241, 123233	6.2	4
56	Detection of Senecionine in Dietary Sources by Single-Use Electrochemical Sensor.. *Micromachines*, **2021**, 12,	3.3	5
55	Paper-based electrode assemble for impedimetric detection of miRNA. *Talanta*, **2021**, 225, 122043	6.2	7
54	Impedimetric aptasensor for lysozyme detection based on carbon nanofibres enriched screen-printed electrodes. *Electrochimica Acta*, **2021**, 377, 138078	6.7	4
53	Levan modified DNA biosensor for voltammetric detection of daunorubicin-DNA interaction. *Sensors and Actuators B: Chemical*, **2021**, 326, 128818	8.5	7
52	Paper-Based Electrochemical Biosensors for Voltammetric Detection of miRNA Biomarkers Using Reduced Graphene Oxide or MoS Nanosheets Decorated with Gold Nanoparticle Electrodes. *Biosensors*, **2021**, 11,	5.9	9
51	Electrochemical Investigation of Curcumin-DNA Interaction by Using Hydroxyapatite Nanoparticles-Ionic Liquids Based Composite Electrodes. *Materials*, **2021**, 14,	3.5	3
50	Voltammetric detection of miRNA hybridization based on electroactive indicator-cobalt phenanthroline. *International Journal of Biological Macromolecules*, **2020**, 158, 819-825	7.9	6
49	Fast enzyme-linked electrochemical sensing of DNA hybridization at pencil graphite electrodes. Application to detect gene deletion in a human cell culture. *Journal of Electroanalytical Chemistry*, **2020**, 862, 113951	4.1	0
48	Carbon quantum dot modified electrodes developed for electrochemical monitoring of Daunorubicin-DNA interaction. *Journal of Electroanalytical Chemistry*, **2020**, 862, 114011	4.1	9
47	ZNA probe immobilized single-use electrodes for impedimetric detection of nucleic acid hybridization related to single nucleotide mutation. *Analytica Chimica Acta*, **2019**, 1071, 78-85	6.6	4
46	Single-use sensor technology for monitoring of zearalenone in foods: ZentoSens. *Microchemical Journal*, **2019**, 147, 37-42	4.8	11
45	Eco-friendly Sensors Developed by Herbal Based Silver Nanoparticles for Electrochemical Detection of Mercury (II) Ion. *Electroanalysis*, **2019**, 31, 1075-1082	3	24
44	Zip nucleic acid based single-use biosensor for electrochemical detection of Factor V Leiden mutation. *Sensors and Actuators B: Chemical*, **2019**, 288, 634-640	8.5	6
43	Enzymatic/Immunoassay Dual-Biomarker Sensing Chip: Towards Decentralized Insulin/Glucose Detection. *Angewandte Chemie*, **2019**, 131, 6442-6445	3.6	2
42	Enzymatic/Immunoassay Dual-Biomarker Sensing Chip: Towards Decentralized Insulin/Glucose Detection. *Angewandte Chemie - International Edition*, **2019**, 58, 6376-6379	16.4	70

41	Voltammetric and Impedimetric Detection of Interaction Between Dacarbazine and Nucleic Acids. *Electroanalysis*, **2019**, 31, 2012-2019	3	2
40	Electrochemical Detection of Solution Phase Hybridization Related to Single Nucleotide Mutation by Carbon Nanofibers Enriched Electrodes. *Materials*, **2019**, 12,	3.5	2
39	Magnetic beads assay based on Zip nucleic acid for electrochemical detection of Factor V Leiden mutation. *International Journal of Biological Macromolecules*, **2019**, 125, 839-846	7.9	4
38	Chitosan modified graphite electrodes developed for electrochemical monitoring of interaction between daunorubicin and DNA. *Sensing and Bio-Sensing Research*, **2019**, 22, 100255	3.3	13
37	Investigation of Vipera Anatolica Venom Disintegrin via Intracellular Uptake with Radiolabeling Study and Cell-Based Electrochemical Biosensing Assay. *Applied Biochemistry and Biotechnology*, **2019**, 187, 1539-1550	3.2	1
36	Chitosan/Nitrogen Doped Reduced Graphene Oxide Modified Biosensor for Impedimetric Detection of microRNA. *Electroanalysis*, **2018**, 30, 551-560	3	18
35	Electrochemical detection of microRNAs by graphene oxide modified disposable graphite electrodes. *Journal of Electroanalytical Chemistry*, **2018**, 810, 232-238	4.1	9
34	Electrochemical Determination of 6-Thioguanine and Its Interaction with DNA Oligonucleotides Using Disposable Graphite Pencil Electrodes. *Analytical Letters*, **2018**, 51, 265-278	2.2	5
33	Dendrimers Integrated Biosensors for Healthcare Applications **2018**, 307-317		3
32	Electrochemical Detection of SNP in Human Mitochondrial DNA Using Cyclic Primer Extension with Biotinylated Nucletides and Enzymatic Labeling at Disposable Pencil Graphite Electrodes. *Electroanalysis*, **2018**, 30, 2321-2329	3	3
31	Impedimetric detection of miRNA-34a using graphene oxide modified chemically activated graphite electrodes. *Sensors and Actuators A: Physical*, **2018**, 279, 493-500	3.9	15
30	An Impedimetric Biosensor Based on Ionic Liquid-Modified Graphite Electrodes Developed for microRNA-34a Detection. *Sensors*, **2018**, 18,	3.8	8
29	Electrochemical Detection of Interaction between Dacarbazine and Nucleic Acids in Comparison to Agarose Gel Electrophoresis. *Electroanalysis*, **2018**, 30, 1566-1574	3	9
28	Graphene oxide modified single-use electrodes and their application for voltammetric miRNA analysis. *Materials Science and Engineering C*, **2017**, 75, 1242-1249	8.3	33
27	Graphene Oxide Modified Chemically Activated Graphite Electrodes for Detection of microRNA. *Electroanalysis*, **2017**, 29, 1350-1358	3	21
26	Electrochemical monitoring of biointeraction by graphene-based material modified pencil graphite electrode. *Biosensors and Bioelectronics*, **2017**, 92, 207-214	11.8	31
25	Electrochemical detection of interaction between capsaicin and nucleic acids in comparison to agarose gel electrophoresis. *Analytical Biochemistry*, **2017**, 535, 56-62	3.1	6
24	Carbon Nanotubes Modified Graphite Electrodes for Monitoring of Biointeraction Between 6-Thioguanine and DNA. *Electroanalysis*, **2017**, 29, 2292-2299	3	9

23	Biosensors for Detection of Anticancer Drug□DNA Interactions **2017**, 349-365		4
22	Carboxylated-Graphene Decorated Pencil Graphite Electrode as a Platform for Voltammetric Detection of DNA. *Journal of the Electrochemical Society*, **2017**, 164, B723-B729	3.9	6
21	CUPRAC colorimetric and electroanalytical methods determining antioxidant activity based on prevention of oxidative DNA damage. *Analytical Biochemistry*, **2017**, 518, 69-77	3.1	9
20	Development of amino functionalized carbon coated magnetic nanoparticles and their application to electrochemical detection of hybridization of nucleic acids. *Talanta*, **2017**, 164, 175-182	6.2	22
19	Voltammetric Aptasensor Based on Magnetic Beads Assay for Detection of Human Activated Protein C. *Methods in Molecular Biology*, **2016**, 1380, 163-70	1.4	1
18	Aptasensor Technologies Developed for Detection of Toxins. *Advanced Sciences and Technologies for Security Applications*, **2016**, 249-259	0.6	
17	Chitosan-carbon Nanofiber Modified Single-use Graphite Electrodes Developed for Electrochemical Detection of DNA Hybridization Related to Hepatitis B Virus. *Electroanalysis*, **2016**, 28, 2514-2521	3	14
16	Preparation of gold nanoparticles/single-walled carbon nanotubes/polyaniline composite-coated electrode developed for DNA detection. *Polymer Bulletin*, **2015**, 72, 3135-3146	2.4	11
15	Electrochemical monitoring of the interaction between mitomycin C and DNA at chitosan--carbon nanotube composite modified electrodes. *Turkish Journal of Chemistry*, **2015**, 39, 1-12	1	15
14	Impedimetric Detection of microRNA at Graphene Oxide Modified Sensors. *Electrochimica Acta*, **2015**, 172, 20-27	6.7	45
13	Electrochemical assay for determination of gluten in flour samples. *Food Chemistry*, **2015**, 184, 183-7	8.5	19
12	Indicator-free electrochemical biosensor for microRNA detection based on carbon nanofibers modified screen printed electrodes. *Journal of Electroanalytical Chemistry*, **2015**, 755, 167-173	4.1	38
11	Electrochemical detection of N-homocysteinylated BSA in the fetal bovine serum medium. *RSC Advances*, **2015**, 5, 4774-4779	3.7	1
10	Impedimetric Aptasensor Based on Disposable Graphite Electrodes Developed for Thrombin Detection. *Electroanalysis*, **2015**, 27, 2864-2871	3	12
9	Multiwalled Carbon Nanotubes-Chitosan Modified Single-Use Biosensors for Electrochemical Monitoring of Drug-DNA Interactions. *Electroanalysis*, **2015**, 27, 1855-1863	3	26
8	Electrochemical monitoring of the interaction between Temozolamide and nucleic acids by using disposable pencil graphite electrodes. *Talanta*, **2015**, 144, 809-15	6.2	11
7	Chitosan-ionic liquid modified single-use sensor for electrochemical monitoring of sequence-selective DNA hybridization. *Colloids and Surfaces B: Biointerfaces*, **2014**, 114, 261-8	6	23
6	Electrochemical monitoring of surface confined interaction between 6-Thioguanine and DNA by using single-use graphite electrode. *Journal of Electroanalytical Chemistry*, **2014**, 733, 33-38	4.1	12

5	Succinamic acid functionalized PAMAM dendrimer modified pencil graphite electrodes for voltammetric and impedimetric DNA analysis. *Sensors and Actuators B: Chemical*, **2014**, 201, 59-64	8.5	11
4	Chitosan-graphene oxide based aptasensor for the impedimetric detection of lysozyme. *Colloids and Surfaces B: Biointerfaces*, **2014**, 115, 205-11	6	88
3	Electrochemical Determination of Homocysteine at Disposable Graphite Electrodes. *Electroanalysis*, **2014**, 26, 1945-1951	3	5
2	Multi channel screen printed array of electrodes for enzyme-linked voltammetric detection of MicroRNAs. *Sensors and Actuators B: Chemical*, **2013**, 188, 1089-1095	8.5	36
1	Chitosan/Ionic Liquid Composite Electrode for Electrochemical Monitoring of the Surface-Confined Interaction Between Mitomycin C and DNA. *Electroanalysis*, **2013**, 25, n/a-n/a	3	10