

# Gulsah Congur

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48  
papers

841  
citations

18  
h-index

28  
g-index

49  
ext. papers

970  
ext. citations

4.7  
avg, IF

4.8  
L-index

#	Paper	IF	Citations
48	Graphene oxide integrated sensor for electrochemical monitoring of mitomycin C-DNA interaction. <i>Analyst, The</i> , <b>2012</b> , 137, 2129-35	5	66
47	Impedimetric Detection of microRNA at Graphene Oxide Modified Sensors. <i>Electrochimica Acta</i> , <b>2015</b> , 172, 20-27	6.7	45
46	Electrochemical investigation of the interaction between topotecan and DNA at disposable graphite electrodes. <i>Bioelectrochemistry</i> , <b>2015</b> , 102, 21-8	5.6	42
45	Impedimetric detection of in situ interaction between anti-cancer drug bleomycin and DNA. <i>International Journal of Biological Macromolecules</i> , <b>2013</b> , 61, 295-301	7.9	42
44	Iron(III) and nickel(II) complexes as potential anticancer agents: synthesis, physicochemical and structural properties, cytotoxic activity and DNA interactions. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 5643-5653	3.6	42
43	Electrochemical monitoring of indicator-free DNA hybridization by carbon nanotubes-chitosan modified disposable graphite sensors. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2012</b> , 95, 222-8	6	40
42	Indicator-free electrochemical biosensor for microRNA detection based on carbon nanofibers modified screen printed electrodes. <i>Journal of Electroanalytical Chemistry</i> , <b>2015</b> , 755, 167-173	4.1	38
41	Label-free voltammetric detection of MicroRNAs at multi-channel screen printed array of electrodes comparison to graphite sensors. <i>Talanta</i> , <b>2014</b> , 118, 7-13	6.2	38
40	Multi channel screen printed array of electrodes for enzyme-linked voltammetric detection of MicroRNAs. <i>Sensors and Actuators B: Chemical</i> , <b>2013</b> , 188, 1089-1095	8.5	36
39	Sensitive sepiolite-carbon nanotubes based disposable electrodes for direct detection of DNA and anticancer drug-DNA interactions. <i>Analyst, The</i> , <b>2012</b> , 137, 4001-4	5	27
38	Impedimetric detection of pathogenic bacteria with bacteriophages using gold nanorod deposited graphite electrodes. <i>RSC Advances</i> , <b>2016</b> , 6, 97832-97839	3.7	27
37	Dendrimer modified 8-channel screen-printed electrochemical array system for impedimetric detection of activated protein C. <i>Sensors and Actuators B: Chemical</i> , <b>2014</b> , 196, 168-174	8.5	26
36	Multiwalled Carbon Nanotubes-Chitosan Modified Single-Use Biosensors for Electrochemical Monitoring of Drug-DNA Interactions. <i>Electroanalysis</i> , <b>2015</b> , 27, 1855-1863	3	26
35	Intracellular uptake study of radiolabeled anticancer drug and impedimetric detection of its interaction with DNA. <i>Talanta</i> , <b>2016</b> , 160, 157-163	6.2	23
34	Single-Use Sensor Platforms Based on Carbon Nanotubes for Electrochemical Detection of DNA Hybridization Related to <i>Microcystis</i> spp.. <i>Electroanalysis</i> , <b>2012</b> , 24, 502-511	3	22
33	Development of amino functionalized carbon coated magnetic nanoparticles and their application to electrochemical detection of hybridization of nucleic acids. <i>Talanta</i> , <b>2017</b> , 164, 175-182	6.2	22
32	Electrochemical assay for determination of gluten in flour samples. <i>Food Chemistry</i> , <b>2015</b> , 184, 183-7	8.5	19

31	Voltammetric aptasensor combined with magnetic beads assay developed for detection of human activated protein C. <i>Talanta</i> , <b>2014</b> , 128, 428-33	6.2	18
30	Genomagnetic assay for electrochemical detection of osteogenic differentiation in mesenchymal stem cells. <i>Analyst, The</i> , <b>2013</b> , 138, 5424-30	5	18
29	Dendrimer enriched single-use aptasensor for impedimetric detection of activated protein C. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2014</b> , 117, 338-45	6	17
28	Voltammetric and impedimetric detection of DNA hybridization by using dendrimer modified graphite electrodes. <i>Journal of Electroanalytical Chemistry</i> , <b>2014</b> , 719, 92-97	4.1	16
27	Impedimetric detection of miRNA-34a using graphene oxide modified chemically activated graphite electrodes. <i>Sensors and Actuators A: Physical</i> , <b>2018</b> , 279, 493-500	3.9	15
26	Aptasensor platform based on carbon nanofibers enriched screen printed electrodes for impedimetric detection of thrombin. <i>Journal of Electroanalytical Chemistry</i> , <b>2015</b> , 758, 12-19	4.1	14
25	PAMAM dendrimer modified screen printed electrodes for impedimetric detection of miRNA-34a. <i>Microchemical Journal</i> , <b>2019</b> , 148, 748-758	4.8	13
24	Voltammetric and impedimetric DNA detection at single-use graphite electrodes modified with gold nanorods. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2013</b> , 112, 61-6	6	13
23	Chitosan modified graphite electrodes developed for electrochemical monitoring of interaction between daunorubicin and DNA. <i>Sensing and Bio-Sensing Research</i> , <b>2019</b> , 22, 100255	3.3	13
22	Electrochemical monitoring of surface confined interaction between 6-Thioguanine and DNA by using single-use graphite electrode. <i>Journal of Electroanalytical Chemistry</i> , <b>2014</b> , 733, 33-38	4.1	12
21	Succinamic acid functionalized PAMAM dendrimer modified pencil graphite electrodes for voltammetric and impedimetric DNA analysis. <i>Sensors and Actuators B: Chemical</i> , <b>2014</b> , 201, 59-64	8.5	11
20	Development of Ionic Liquid Modified Disposable Graphite Electrodes for Label-Free Electrochemical Detection of DNA Hybridization Related to <i>Microcystis</i> spp. <i>Sensors</i> , <b>2015</b> , 15, 22737-49 <sup>3.8</sup>	3.8	11
19	Electrochemical monitoring of the interaction between Temozolamide and nucleic acids by using disposable pencil graphite electrodes. <i>Talanta</i> , <b>2015</b> , 144, 809-15	6.2	11
18	Electrochemical Detection of Activated Protein C Using an Aptasensor Based on PAMAM Dendrimer Modified Pencil Graphite Electrodes. <i>Electroanalysis</i> , <b>2014</b> , 26, 2580-2590	3	11
17	Estrone specific molecularly imprinted polymeric nanospheres: synthesis, characterization and applications for electrochemical sensor development. <i>Combinatorial Chemistry and High Throughput Screening</i> , <b>2013</b> , 16, 503-10	1.3	11
16	Hydroxyapatite Nanoparticles Modified Graphite Electrodes for Electrochemical DNA Detection. <i>Electroanalysis</i> , <b>2018</b> , 30, 67-74	3	11
15	PAMAM dendrimer functionalized magnetic particles developed for voltammetric DNA analysis. <i>Journal of Electroanalytical Chemistry</i> , <b>2015</b> , 741, 51-55	4.1	8
14	Detection of p53 Gene by Using Genomagnetic Assay Combined with Carbon Nanotube Modified Disposable Sensor Technology. <i>Electroanalysis</i> , <b>2015</b> , 27, 1579-1586	3	7

13	Levan modified DNA biosensor for voltammetric detection of daunorubicin-DNA interaction. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 326, 128818	8.5	7
12	Monitoring of glyphosate-DNA interaction and synergistic genotoxic effect of glyphosate and 2,4-dichlorophenoxyacetic acid using an electrochemical biosensor. <i>Environmental Pollution</i> , <b>2021</b> , 271, 116360	9.3	7
11	Zinc Oxide Nanowire Decorated Single-Use Electrodes for Electrochemical DNA Detection. <i>Journal of the American Ceramic Society</i> , <b>2015</b> , 98, 663-668	3.8	6
10	Phenol monitoring in water samples using an inexpensive electrochemical sensor based on pencil electrodes modified with DTAB surfactant. <i>Journal of Environmental Chemical Engineering</i> , <b>2021</b> , 9, 105804	6.8	3
9	Synthesis and characterization of water-insoluble statistical copolymer and its application in the development of electrochemical DNA sensor. <i>Talanta</i> , <b>2012</b> , 100, 270-5	6.2	2
8	An up-to-date review about (bio)sensor systems developed for detection of glyphosate. <i>International Journal of Environmental Analytical Chemistry</i> , 1-13	1.8	2
7	Micro- and Nanopatterning for Bacteria- and Virus-Based Biosensing Applications. <i>Series in Sensors</i> , <b>2013</b> , 681-694		1
6	Voltammetric Aptasensor Based on Magnetic Beads Assay for Detection of Human Activated Protein C. <i>Methods in Molecular Biology</i> , <b>2016</b> , 1380, 163-70	1.4	1
5	Development of a novel methyl germanane modified disposable sensor and its application for voltammetric phenol detection. <i>Surfaces and Interfaces</i> , <b>2021</b> , 25, 101268	4.1	1
4	Electrochemical investigation of the interaction of 2,4-D and double stranded DNA using pencil graphite electrodes. <i>Turkish Journal of Chemistry</i> , <b>2021</b> , 45, 600-615	1	0
3	Single-Use Electrochemical Platform for Monitoring of Antimicrobial Activity in Comparison to Minimum Inhibitory Concentration Assay. <i>Journal of the Electrochemical Society</i> , <b>2021</b> , 168, 087505	3.9	0
2	Electrochemical Biosensors for Screening of Toxins and Pathogens. <i>NATO Science for Peace and Security Series A: Chemistry and Biology</i> , <b>2012</b> , 323-334	0.1	
1	Aptasensor Technologies Developed for Detection of Toxins. <i>Advanced Sciences and Technologies for Security Applications</i> , <b>2016</b> , 249-259	0.6	