

Gulsah Congur

List of Publications by Year in descending order

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49
papers

1,089
citations

361045

20
h-index

433756

31
g-index

49
all docs

49
docs citations

49
times ranked

1232
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene oxide integrated sensor for electrochemical monitoring of mitomycin Câ€“DNA interaction. <i>Analyst, The</i> , 2012, 137, 2129.	1.7	79
2	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> , 2015, 39, 5643-5653.	1.4	57
3	Impedimetric Detection of microRNA at Graphene Oxide Modified Sensors. <i>Electrochimica Acta</i> , 2015, 172, 20-27.	2.6	54
4	Indicator-free electrochemical biosensor for microRNA detection based on carbon nanofibers modified screen printed electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2015, 755, 167-173.	1.9	49
5	Impedimetric detection of in situ interaction between anti-cancer drug bleomycin and DNA. <i>International Journal of Biological Macromolecules</i> , 2013, 61, 295-301.	3.6	48
6	Electrochemical investigation of the interaction between topotecan and DNA at disposable graphite electrodes. <i>Bioelectrochemistry</i> , 2015, 102, 21-28.	2.4	48
7	Label-free voltammetric detection of MicroRNAs at multi-channel screen printed array of electrodes comparison to graphite sensors. <i>Talanta</i> , 2014, 118, 7-13.	2.9	44
8	Electrochemical monitoring of indicator-free DNA hybridization by carbon nanotubesâ€“chitosan modified disposable graphite sensors. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 95, 222-228.	2.5	43
9	Multi channel screen printed array of electrodes for enzyme-linked voltammetric detection of MicroRNAs. <i>Sensors and Actuators B: Chemical</i> , 2013, 188, 1089-1095.	4.0	43
10	Multiwalled Carbon Nanotubesâ€“Chitosan Modified Single-Use Biosensors for Electrochemical Monitoring of Drugâ€“DNA Interactions. <i>Electroanalysis</i> , 2015, 27, 1855-1863.	1.5	37
11	Impedimetric detection of pathogenic bacteria with bacteriophages using gold nanorod deposited graphite electrodes. <i>RSC Advances</i> , 2016, 6, 97832-97839.	1.7	35
12	Sensitive sepiolite-carbon nanotubes based disposable electrodes for direct detection of DNA and anticancer drugâ€“DNA interactions. <i>Analyst, The</i> , 2012, 137, 4001.	1.7	31
13	Dendrimer modified 8-channel screen-printed electrochemical array system for impedimetric detection of activated protein C. <i>Sensors and Actuators B: Chemical</i> , 2014, 196, 168-174.	4.0	30
14	Single-Use Sensor Platforms Based on Carbon Nanotubes for Electrochemical Detection of DNA Hybridization Related to <i>Microcystis</i> spp.. <i>Electroanalysis</i> , 2012, 24, 502-511.	1.5	29
15	Impedimetric detection of miRNA-34a using graphene oxide modified chemically activated graphite electrodes. <i>Sensors and Actuators A: Physical</i> , 2018, 279, 493-500.	2.0	28
16	Intracellular uptake study of radiolabeled anticancer drug and impedimetric detection of its interaction with DNA. <i>Talanta</i> , 2016, 160, 157-163.	2.9	27
17	Development of amino functionalized carbon coated magnetic nanoparticles and their application to electrochemical detection of hybridization of nucleic acids. <i>Talanta</i> , 2017, 164, 175-182.	2.9	25
18	Voltammetric aptasensor combined with magnetic beads assay developed for detection of human activated protein C. <i>Talanta</i> , 2014, 128, 428-433.	2.9	23

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19	PAMAM dendrimer modified screen printed electrodes for impedimetric detection of miRNA-34a. <i>Microchemical Journal</i> , 2019, 148, 748-758.	2.3	23
20	Dendrimer enriched single-use aptasensor for impedimetric detection of activated protein C. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 117, 338-345.	2.5	21
21	Aptasensor platform based on carbon nanofibers enriched screen printed electrodes for impedimetric detection of thrombin. <i>Journal of Electroanalytical Chemistry</i> , 2015, 758, 12-19.	1.9	21
22	Genomagnetic assay for electrochemical detection of osteogenic differentiation in mesenchymal stem cells. <i>Analyst</i> , 2013, 138, 5424.	1.7	20
23	Electrochemical monitoring of the interaction between Temozolamide and nucleic acids by using disposable pencil graphite electrodes. <i>Talanta</i> , 2015, 144, 809-815.	2.9	20
24	Electrochemical assay for determination of gluten in flour samples. <i>Food Chemistry</i> , 2015, 184, 183-187.	4.2	20
25	Hydroxyapatite Nanoparticles Modified Graphite Electrodes for Electrochemical DNA Detection. <i>Electroanalysis</i> , 2018, 30, 67-74.	1.5	20
26	Chitosan modified graphite electrodes developed for electrochemical monitoring of interaction between daunorubicin and DNA. <i>Sensing and Bio-Sensing Research</i> , 2019, 22, 100255.	2.2	19
27	Voltammetric and impedimetric detection of DNA hybridization by using dendrimer modified graphite electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2014, 719, 92-97.	1.9	18
28	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> , 2015, 15, 22737-22749.	2.1	18
29	Levan modified DNA biosensor for voltammetric detection of daunorubicin-DNA interaction. <i>Sensors and Actuators B: Chemical</i> , 2021, 326, 128818.	4.0	17
30	Electrochemical monitoring of surface confined interaction between 6-Thioguanine and DNA by using single-use graphite electrode. <i>Journal of Electroanalytical Chemistry</i> , 2014, 733, 33-38.	1.9	14
31	Estrone Specific Molecularly Imprinted Polymeric Nanospheres: Synthesis, Characterization and Applications for Electrochemical Sensor Development. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2013, 16, 503-510.	0.6	14
32	Voltammetric and impedimetric DNA detection at single-use graphite electrodes modified with gold nanorods. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 112, 61-66.	2.5	13
33	Electrochemical Detection of Activated Protein C Using an Aptasensor Based on PAMAM Dendrimer Modified Pencil Graphite Electrodes. <i>Electroanalysis</i> , 2014, 26, 2580-2590.	1.5	13
34	Succinamic acid functionalized PAMAM dendrimer modified pencil graphite electrodes for voltammetric and impedimetric DNA analysis. <i>Sensors and Actuators B: Chemical</i> , 2014, 201, 59-64.	4.0	13
35	Monitoring of glyphosate-DNA interaction and synergistic genotoxic effect of glyphosate and 2,4-dichlorophenoxyacetic acid using an electrochemical biosensor. <i>Environmental Pollution</i> , 2021, 271, 116360.	3.7	13
36	An up-to-date review about (bio)sensor systems developed for detection of glyphosate. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 5974-5986.	1.8	11

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37	Detection of p53 Gene by Using Genomagnetic Assay Combined with Carbon Nanotube Modified Disposable Sensor Technology. <i>Electroanalysis</i> , 2015, 27, 1579-1586.	1.5	9
38	PAMAM dendrimer functionalized magnetic particles developed for voltammetric DNA analysis. <i>Journal of Electroanalytical Chemistry</i> , 2015, 741, 51-55.	1.9	9
39	Zinc Oxide Nanowire Decorated Single-Use Electrodes for Electrochemical DNA Detection. <i>Journal of the American Ceramic Society</i> , 2015, 98, 663-668.	1.9	9
40	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> , 2021, 9, 105804.	3.3	8
41	Electrochemical investigation of the interaction of 2,4-D and double stranded DNA using pencil graphite electrodes. <i>Turkish Journal of Chemistry</i> , 2021, 45, 600-615.	0.5	3
42	Development of a novel methyl germanane modified disposable sensor and its application for voltammetric phenol detection. <i>Surfaces and Interfaces</i> , 2021, 25, 101268.	1.5	3
43	Electrochemical Detection of Phenol Removal by Using a Biosorbent Originated Factory Solid Waste. <i>Electroanalysis</i> , 2022, 34, 455-463.	1.5	3
44	Synthesis and characterization of water-insoluble statistical copolymer and its application in the development of electrochemical DNA sensor. <i>Talanta</i> , 2012, 100, 270-275.	2.9	2
45	Single-Use Electrochemical Platform for Monitoring of Antimicrobial Activity in Comparison to Minimum Inhibitory Concentration Assay. <i>Journal of the Electrochemical Society</i> , 2021, 168, 087505.	1.3	2
46	Electrochemical Biosensors for Screening of Toxins and Pathogens. <i>NATO Science for Peace and Security Series A: Chemistry and Biology</i> , 2012, , 323-334.	0.5	1
47	Voltammetric Aptasensor Based on Magnetic Beads Assay for Detection of Human Activated Protein C. <i>Methods in Molecular Biology</i> , 2016, 1380, 163-170.	0.4	1
48	Micro- and Nanopatterning for Bacteria- and Virus-Based Biosensing Applications. <i>Series in Sensors</i> , 2013, , 681-694.	0.0	1
49	Aptasensor Technologies Developed for Detection of Toxins. <i>Advanced Sciences and Technologies for Security Applications</i> , 2016, , 249-259.	0.4	0