

# Chunyan Deng

## List of Publications by Year in descending order

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35  
papers

1,598  
citations

361413

20  
h-index

361022

35  
g-index

35  
all docs

35  
docs citations

35  
times ranked

2136  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct electrochemistry of glucose oxidase and biosensing for glucose based on boron-doped carbon nanotubes modified electrode. <i>Biosensors and Bioelectronics</i> , 2008, 23, 1272-1277.	10.1	244
2	Impedimetric Aptasensor with Femtomolar Sensitivity Based on the Enlargement of Surface-Charged Gold Nanoparticles. <i>Analytical Chemistry</i> , 2009, 81, 739-745.	6.5	162
3	A sensitive and stable biosensor based on the direct electrochemistry of glucose oxidase assembled layer-by-layer at the multiwall carbon nanotube-modified electrode. <i>Biosensors and Bioelectronics</i> , 2010, 26, 213-219.	10.1	120
4	Sensitive Bifunctional Aptamer-Based Electrochemical Biosensor for Small Molecules and Protein. <i>Analytical Chemistry</i> , 2009, 81, 9972-9978.	6.5	108
5	High-Performance Ratiometric Electrochemical Method Based on the Combination of Signal Probe and Inner Reference Probe in One Hairpin-Structured DNA. <i>Analytical Chemistry</i> , 2017, 89, 966-973.	6.5	107
6	A novel and simple strategy for selective and sensitive determination of dopamine based on the boron-doped carbon nanotubes modified electrode. <i>Biosensors and Bioelectronics</i> , 2009, 24, 2091-2094.	10.1	82
7	Amperometric glucose biosensor based on boron-doped carbon nanotubes modified electrode. <i>Talanta</i> , 2008, 76, 763-767.	5.5	70
8	A simple and sensitive impedimetric aptasensor for the detection of tumor markers based on gold nanoparticles signal amplification. <i>Talanta</i> , 2015, 132, 150-154.	5.5	60
9	Boron-doped carbon nanotubes modified electrode for electroanalysis of NADH. <i>Electrochemistry Communications</i> , 2008, 10, 907-909.	4.7	58
10	A sensitive enzymeless sensor for hydrogen peroxide based on the polynucleotide-templated silver nanoclusters/graphene modified electrode. <i>Talanta</i> , 2013, 107, 55-60.	5.5	56
11	Light-Up Nonthiolated Aptasensor for Low-Mass, Soluble Amyloid- $\beta$ Oligomers at High Salt Concentrations. <i>Analytical Chemistry</i> , 2018, 90, 1710-1717.	6.5	53
12	The simultaneous detection of free and total prostate antigen in serum samples with high sensitivity and specificity by using the dual-channel surface plasmon resonance. <i>Biosensors and Bioelectronics</i> , 2014, 62, 268-273.	10.1	51
13	A novel and label-free biosensors for uracil-DNA glycosylase activity based on the electrochemical oxidation of guanine bases at the graphene modified electrode. <i>Talanta</i> , 2016, 147, 98-102.	5.5	44
14	Integrated signal probe based aptasensor for dual-analyte detection. <i>Biosensors and Bioelectronics</i> , 2017, 96, 268-274.	10.1	42
15	Electrochemical oxidation of purine and pyrimidine bases based on the boron-doped nanotubes modified electrode. <i>Biosensors and Bioelectronics</i> , 2012, 31, 469-474.	10.1	40
16	A simple aptasensor for A $\beta$ oligomers based on tunable mismatched base pairs of dsDNA and graphene oxide. <i>Biosensors and Bioelectronics</i> , 2020, 149, 111840.	10.1	33
17	A fluorescent aptasensor for the femtomolar detection of epidermal growth factor receptor-2 based on the proximity of G-rich sequences to Ag nanoclusters. <i>Talanta</i> , 2019, 199, 238-243.	5.5	32
18	A facile biosensor for A $\beta$ 400 based on fluorescence quenching of prussian blue nanoparticles. <i>Talanta</i> , 2020, 216, 120930.	5.5	29

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19	An electrochemical dual-signaling aptasensor for the ultrasensitive detection of insulin. <i>Analytical Biochemistry</i> , 2019, 573, 30-36.	2.4	26
20	Electrochemical Impedance Spectroscopy for Real-Time Detection of Lipid Membrane Damage Based on a Porous Self-Assembly Monolayer Support. <i>Analytical Chemistry</i> , 2018, 90, 7422-7427.	6.5	24
21	Coimmunocapture and Electrochemical Quantitation of Total and Phosphorylated Amyloid- $\beta$ Monomers. <i>Analytical Chemistry</i> , 2019, 91, 3539-3545.	6.5	23
22	A simple regenerable electrochemical aptasensor for the parallel and continuous detection of biomarkers. <i>RSC Advances</i> , 2016, 6, 58469-58476.	3.6	19
23	Preparation and application of a carbon paste electrode modified with multi-walled carbon nanotubes and boron-embedded molecularly imprinted composite membranes. <i>Bioelectrochemistry</i> , 2018, 121, 115-124.	4.6	19
24	An electrochemical aptasensor for amyloid- $\beta$ oligomer based on double-stranded DNA as a conductive spring. <i>Mikrochimica Acta</i> , 2020, 187, 239.	5.0	17
25	On-line removal of redox-active interferents by a porous electrode before amperometric blood glucose determination. <i>Analytica Chimica Acta</i> , 2012, 719, 52-56.	5.4	12
26	Electrostatic Force Triggering Elastic Condensation of Double-Stranded DNA for High-Performance One-Step Immunoassay. <i>Analytical Chemistry</i> , 2018, 90, 11446-11452.	6.5	12
27	A high selective disposable biosensor based on screen-printed technique with two working electrodes for eliminating interference signals. <i>Sensors and Actuators B: Chemical</i> , 2013, 183, 589-593.	7.8	10
28	Wide-field determination of aqueous mercury(II) based on tail-extensible DNA fluorescent probe with tunable dynamic range. <i>Journal of Hazardous Materials</i> , 2021, 417, 125975.	12.4	9
29	Assembly of layer-by-layer films of superoxide dismutase and gold nanorods: A third generation biosensor for superoxide anion. <i>Science China Chemistry</i> , 2011, 54, 1284-1291.	8.2	8
30	Construction and Electrochemical Property Studies of DNA Duplexes Tethered to Gold Electrode via Au-C Bond. <i>Electroanalysis</i> , 2019, 31, 477-484.	2.9	6
31	Simultaneous Determination of Multiple Biomarkers for Breast Cancer Based on a Dual-Tagged Fluorescent Probe. <i>Analytical Letters</i> , 2020, 53, 371-384.	1.8	5
32	A Prussian blue nanoparticles-based fluorescent nanoprobe for monitoring microRNA-92a and microRNA-21. <i>Analytical Sciences</i> , 2022, 38, 497-504.	1.6	5
33	The direct electrochemistry of glucose oxidase based on the synergic effect of amino acid ionic liquid and carbon nanotubes. <i>Science in China Series B: Chemistry</i> , 2009, 52, 1991-1998.	0.8	4
34	Controllable Release and High-Efficiency Collection of Hydrogen Peroxide: Application on the Quantitative Investigation of Biomolecule Oxidation Induced by Reactive Oxygen Species. <i>Electroanalysis</i> , 2014, 26, 1497-1503.	2.9	4
35	Redox-dependent interactions between reduced/oxidized cytochrome c and cytochrome c oxidase evaluated by in-situ electrochemical surface plasmon resonance. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 4935-4941.	3.7	4