Jinlong Li

List of Publications by Year in Descending Order

38 papers	326 citations	11 h-index	16 g-index
39 ext. papers	518 ext. citations	6.9 avg, IF	3.92 L-index

#	Paper	IF	Citations
38	Ultrasensitive fluorescent detection of telomerase activity based on tetrahedral DNA nanostructures as carriers for DNA-templated silver nanoclusters.. *Analytical and Bioanalytical Chemistry*, **2022**, 414, 2431	4.4	1
37	Visual naked-eye detection of SARS-CoV-2 RNA based on covalent organic framework capsules. *Chemical Engineering Journal*, **2022**, 429, 132332	14.7	7
36	Target-triggered cascade signal amplification for sensitive electrochemical detection of SARS-CoV-2 with clinical application.. *Analytica Chimica Acta*, **2022**, 1208, 339846	6.6	3
35	Electrochemical detection of ACE2 as a biomarker for diagnosis of COVID-19 and potential male infertility. *Biosensors and Bioelectronics*, **2021**, 198, 113788	11.8	2
34	Aptamer-Functionalized Nanochannels for One-Step Detection of SARS-CoV-2 in Samples from COVID-19 Patients. *Analytical Chemistry*, **2021**,	7.8	6
33	Demethylation of m1A assisted degradation of the signal probe for rapid electrochemical detection of ALKBH3 activity with practical applications.. *Talanta*, **2021**, 240, 123151	6.2	
32	Construction of circRNA-miRNA-mRNA Network for Exploring Underlying Mechanisms of Lubrication Disorder. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 580834	5.7	1
31	One step electrochemical detection for matrix metalloproteinase 2 based on anodic stripping of silver nanoparticles mediated by host-guest interactions. *Sensors and Actuators B: Chemical*, **2021**, 330, 129379	8.5	8
30	Enzyme-Initiated Assembly of an Extracellular-Like Two-Dimensional Nanonetwork as a Method to Detect Procancerous Activity. *ACS Sensors*, **2021**, 6, 1815-1822	9.2	
29	Analysis of Cancer Cells Based on DNA Signal Amplification and DNA Nanodevices. *Critical Reviews in Analytical Chemistry*, **2021**, 51, 8-19	5.2	2
28	Synergy of hypoxia relief and heat shock protein inhibition for phototherapy enhancement. *Journal of Nanobiotechnology*, **2021**, 19, 9	9.4	14
27	"Covalent biosensing" enables a one-step, reagent-less, low-cost and highly robust assay of SARS-CoV-2. *Chemical Communications*, **2021**, 57, 10771-10774	5.8	0
26	Zr-mediated hybrid chain reaction and its application for highly sensitive electrochemical detection of protein kinase A. *Bioelectrochemistry*, **2021**, 140, 107796	5.6	1
25	An electrochemical biosensor for sensitive analysis of the SARS-CoV-2 RNA. *Biosensors and Bioelectronics*, **2021**, 186, 113309	11.8	23
24	Target-Initiated Great Change in Electrochemical Steric Hindrance for an Assay of Granzyme B Activity. *Analytical Chemistry*, **2021**, 93, 13382-13388	7.8	1
23	Thiol-sensitive probe enables dynamic electrochemical assembly of serum protein for detecting SARS-Cov-2 marker protease in clinical samples. *Biosensors and Bioelectronics*, **2021**, 194, 113579	11.8	1
22	Radiological follow-up of twelve COVID-19 patients with initially normal chest CT. *Quantitative Imaging in Medicine and Surgery*, **2020**, 10, 1153-1157	3.6	3

21	Enzyme-free electrochemical biosensor based on double signal amplification strategy for the ultra-sensitive detection of exosomal microRNAs in biological samples. *Talanta*, **2020**, 219, 121242	6.2	17
20	In Situ Reduction of Porous Copper Metal-Organic Frameworks for Three-Dimensional Catalytic Click Immunoassay. *Analytical Chemistry*, **2020**, 92, 2972-2978	7.8	12
19	Bio-inspired construction of a semi-artificial enzyme complex for detecting histone acetyltransferases activity. *Analyst, The*, **2020**, 145, 613-618	5	1
18	Fabrication of an Aptamer-Coated Liposome Complex for the Detection and Profiling of Exosomes Based on Terminal Deoxynucleotidyl Transferase-Mediated Signal Amplification. *ACS Applied Materials & Interfaces*, **2020**, 12, 322-329	9.5	36
17	Peptide-functionalized metal-organic framework nanocomposite for ultrasensitive detection of secreted protein acidic and rich in cysteine with practical application. *Biosensors and Bioelectronics*, **2020**, 169, 112613	11.8	9
16	Switchable peptide-equipped protein/cucurbit[7]uril supramolecular assembly for targeted drug delivery. *Supramolecular Chemistry*, **2019**, 31, 676-683	1.8	0
15	Click DNA cycling in combination with gold nanoparticles loaded with quadruplex DNA motifs enable sensitive electrochemical quantitation of the tuberculosis-associated biomarker CFP-10 in sputum. *Mikrochimica Acta*, **2019**, 186, 662	5.8	5
14	A highly sensitive electrochemical sensor based on DNA Y-Junction for detection of estrogen receptor using target protein protection strategy. *Analytica Chimica Acta*, **2019**, 1086, 110-115	6.6	5
13	Highly sensitive detection of Smoothened based on the drug binding and rolling cycle amplification. *Analytical and Bioanalytical Chemistry*, **2019**, 411, 5721-5727	4.4	
12	miR-500 promotes cell proliferation by directly targetting LRP1B in prostate cancer. *Bioscience Reports*, **2019**, 39,	4.1	5
11	The oncogenic role of Wnt10a in colorectal cancer through activation of canonical Wnt/β-catenin signaling. *Oncology Letters*, **2019**, 17, 3657-3664	2.6	10
10	Highly sensitive electrochemical analysis of telomerase activity based on magnetic bead separation and exonuclease III-aided target recycling amplification. *Bioelectrochemistry*, **2019**, 130, 107341	5.6	6
9	Sensor Array Fabricated with Nanoscale Metal-Organic Frameworks for the Histopathological Examination of Colon Cancer. *Analytical Chemistry*, **2019**, 91, 10772-10778	7.8	15
8	Fluorometric determination of the CCAAT/enhancer binding protein alpha by using gold nanoparticles and a labeled protein-binding DNA. *Mikrochimica Acta*, **2019**, 187, 22	5.8	
7	A fluorometric method for determination of the activity of T4 polynucleotide kinase by using a DNA-templated silver nanocluster probe. *Mikrochimica Acta*, **2019**, 186, 48	5.8	21
6	An amperometric biosensor for the assay of sarcosine based on the cross coupled chemical and electrochemical reactions with practical applications. *Journal of Electroanalytical Chemistry*, **2019**, 833, 568-572	4.1	8
5	Fabrication of reusable electrochemical biosensor and its application for the assay of β-glucosidase activity. *Analytica Chimica Acta*, **2018**, 1026, 140-146	6.6	26
4	Assay of DNA methyltransferase 1 activity based on uracil-specific excision reagent digestion induced G-quadruplex formation. *Analytica Chimica Acta*, **2017**, 986, 131-137	6.6	11

3	Amperometric low potential aptasensor for the fucosylated Golgi protein 73, a marker for hepatocellular carcinoma. *Mikrochimica Acta*, **2017**, 184, 3131-3136	5.8	12
2	An electrochemical biosensor for the assay of alpha-fetoprotein-L3 with practical applications. *Biosensors and Bioelectronics*, **2017**, 87, 352-357	11.8	44
1	The anti-cancerous activity of recombinant trichosanthin on prostate cancer cell PC3. *Biological Research*, **2016**, 49, 21	7.6	10