

# Jinlong Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2598425/publications.pdf>

Version: 2024-02-01

38  
papers

717  
citations

566801

15  
h-index

580395

25  
g-index

39  
all docs

39  
docs citations

39  
times ranked

751  
citing authors

#	ARTICLE	IF	CITATIONS
1	An electrochemical biosensor for sensitive analysis of the SARS-CoV-2 RNA. <i>Biosensors and Bioelectronics</i> , 2021, 186, 113309.	5.3	89
2	Fabrication of an Aptamer-Coated Liposome Complex for the Detection and Profiling of Exosomes Based on Terminal Deoxynucleotidyl Transferase-Mediated Signal Amplification. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 322-329.	4.0	63
3	An electrochemical biosensor for the assay of alpha-fetoprotein-L3 with practical applications. <i>Biosensors and Bioelectronics</i> , 2017, 87, 352-357.	5.3	57
4	Visual naked-eye detection of SARS-CoV-2 RNA based on covalent organic framework capsules. <i>Chemical Engineering Journal</i> , 2022, 429, 132332.	6.6	48
5	Fabrication of reusable electrochemical biosensor and its application for the assay of $\alpha$ -glucosidase activity. <i>Analytica Chimica Acta</i> , 2018, 1026, 140-146.	2.6	45
6	Synergy of hypoxia relief and heat shock protein inhibition for phototherapy enhancement. <i>Journal of Nanobiotechnology</i> , 2021, 19, 9.	4.2	43
7	Enzyme-free electrochemical biosensor based on double signal amplification strategy for the ultra-sensitive detection of exosomal microRNAs in biological samples. <i>Talanta</i> , 2020, 219, 121242.	2.9	37
8	Aptamer-Functionalized Nanochannels for One-Step Detection of SARS-CoV-2 in Samples from COVID-19 Patients. <i>Analytical Chemistry</i> , 2021, 93, 16646-16654.	3.2	37
9	Peptide-functionalized metal-organic framework nanocomposite for ultrasensitive detection of secreted protein acidic and rich in cysteine with practical application. <i>Biosensors and Bioelectronics</i> , 2020, 169, 112613.	5.3	27
10	A fluorometric method for determination of the activity of T4 polynucleotide kinase by using a DNA-templated silver nanocluster probe. <i>Mikrochimica Acta</i> , 2019, 186, 48.	2.5	25
11	In Situ Reduction of Porous Copper Metal-Organic Frameworks for Three-Dimensional Catalytic Click Immunoassay. <i>Analytical Chemistry</i> , 2020, 92, 2972-2978.	3.2	25
12	Sensor Array Fabricated with Nanoscale Metal-Organic Frameworks for the Histopathological Examination of Colon Cancer. <i>Analytical Chemistry</i> , 2019, 91, 10772-10778.	3.2	22
13	Target-triggered cascade signal amplification for sensitive electrochemical detection of SARS-CoV-2 with clinical application. <i>Analytica Chimica Acta</i> , 2022, 1208, 339846.	2.6	21
14	One step electrochemical detection for matrix metalloproteinase 2 based on anodic stripping of silver nanoparticles mediated by host-guest interactions. <i>Sensors and Actuators B: Chemical</i> , 2021, 330, 129379.	4.0	19
15	Amperometric low potential aptasensor for the fucosylated Golgi protein 73, a marker for hepatocellular carcinoma. <i>Mikrochimica Acta</i> , 2017, 184, 3131-3136.	2.5	16
16	The oncogenic role of Wnt10a in colorectal cancer through activation of canonical Wnt/ $\beta$ -catenin signaling. <i>Oncology Letters</i> , 2019, 17, 3657-3664.	0.8	16
17	Assay of DNA methyltransferase 1 activity based on uracil-specific excision reagent digestion induced G-quadruplex formation. <i>Analytica Chimica Acta</i> , 2017, 986, 131-137.	2.6	13
18	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. <i>Mikrochimica Acta</i> , 2019, 186, 662.	2.5	12

#	ARTICLE	IF	CITATIONS
19	The anti-cancerous activity of recombinant trichosanthin on prostate cancer cell PC3. <i>Biological Research</i> , 2016, 49, 21.	1.5	11
20	Highly sensitive electrochemical analysis of telomerase activity based on magnetic bead separation and exonuclease III-aided target recycling amplification. <i>Bioelectrochemistry</i> , 2019, 130, 107341.	2.4	10
21	An amperometric biosensor for the assay of sarcosine based on the cross coupled chemical and electrochemical reactions with practical applications. <i>Journal of Electroanalytical Chemistry</i> , 2019, 833, 568-572.	1.9	10
22	miR-500 promotes cell proliferation by directly targetting LRP1B in prostate cancer. <i>Bioscience Reports</i> , 2019, 39, .	1.1	9
23	Target-Initiated Great Change in Electrochemical Steric Hindrance for an Assay of Granzyme B Activity. <i>Analytical Chemistry</i> , 2021, 93, 13382-13388.	3.2	9
24	A highly sensitive electrochemical sensor based on DNA Y-junction for detection of estrogen receptor using target protein protection strategy. <i>Analytica Chimica Acta</i> , 2019, 1086, 110-115.	2.6	8
25	Ultrasensitive fluorescent detection of telomerase activity based on tetrahedral DNA nanostructures as carriers for DNA-templated silver nanoclusters. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 2431-2438.	1.9	8
26	Zr <sup>4+</sup> -mediated hybrid chain reaction and its application for highly sensitive electrochemical detection of protein kinase A. <i>Bioelectrochemistry</i> , 2021, 140, 107796.	2.4	6
27	<i>In situ</i> Analysis of Cancer Cells Based on DNA Signal Amplification and DNA Nanodevices. <i>Critical Reviews in Analytical Chemistry</i> , 2021, 51, 8-19.	1.8	5
28	Electrochemical detection of ACE2 as a biomarker for diagnosis of COVID-19 and potential male infertility. <i>Biosensors and Bioelectronics</i> , 2022, 198, 113788.	5.3	5
29	Demethylation of m1A assisted degradation of the signal probe for rapid electrochemical detection of ALKBH3 activity with practical applications. <i>Talanta</i> , 2022, 240, 123151.	2.9	5
30	Thiol-sensitive probe enables dynamic electrochemical assembly of serum protein for detecting SARS-Cov-2 marker protease in clinical samples. <i>Biosensors and Bioelectronics</i> , 2021, 194, 113579.	5.3	4
31	Bio-inspired construction of a semi-artificial enzyme complex for detecting histone acetyltransferases activity. <i>Analyst</i> , 2020, 145, 613-618.	1.7	3
32	Radiological follow-up of twelve COVID-19 patients with initially normal chest CT. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020, 10, 1153-1157.	1.1	3
33	Covalent biosensing enables a one-step, reagent-less, low-cost and highly robust assay of SARS-CoV-2. <i>Chemical Communications</i> , 2021, 57, 10771-10774.	2.2	3
34	Construction of circRNA-miRNA-mRNA Network for Exploring Underlying Mechanisms of Lubrication Disorder. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 580834.	1.8	2
35	Switchable peptide-equipped protein/cucurbit[7]uril supramolecular assembly for targeted drug delivery. <i>Supramolecular Chemistry</i> , 2019, 31, 676-683.	1.5	1
36	Highly sensitive detection of Smoothed based on the drug binding and rolling cycle amplification. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 5721-5727.	1.9	0

#	ARTICLE	IF	CITATIONS
37	Fluorometric determination of the CCAAT/enhancer binding protein alpha by using gold nanoparticles and a labeled protein-binding DNA. <i>Mikrochimica Acta</i> , 2020, 187, 22.	2.5	0
38	Enzyme-Initiated Assembly of an Extracellular-Like Two-Dimensional Nanonetwork as a Method to Detect Procarcerous Activity. <i>ACS Sensors</i> , 2021, 6, 1815-1822.	4.0	0