

# Li Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

647  
citations

567281

15  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

681  
citing authors

#	ARTICLE	IF	CITATIONS
1	A potent fluorescent biosensor integrating 3D DNA walker with localized catalytic hairpin assembly for highly sensitive and enzyme-free Zika virus detection. <i>Sensors and Actuators B: Chemical</i> , 2022, 354, 131199.	7.8	14
2	Exonuclease III-assisted CRISPR/Cas12a electrochemiluminescence biosensor for sub-femtomolar mercury ions determination. <i>Sensors and Actuators B: Chemical</i> , 2022, 368, 132208.	7.8	18
3	A fluorescent aptasensor based on berberine for ultrasensitive detection of bisphenol A in tap water. <i>Analytical Methods</i> , 2021, 13, 1816-1822.	2.7	6
4	Cas12a-based electrochemiluminescence biosensor for target amplification-free DNA detection. <i>Biosensors and Bioelectronics</i> , 2021, 176, 112954.	10.1	84
5	Ultrasensitive colorimetric miRNA detection based on magnetic 3D DNA walker and unmodified AuNPs. <i>Sensors and Actuators B: Chemical</i> , 2021, 337, 129813.	7.8	21
6	Rapid, ultrasensitive and non-enzyme electrochemiluminescence detection of hydrogen peroxide in food based on the ssDNA/g-C <sub>3</sub> N <sub>4</sub> nanosheets hybrid. <i>Food Chemistry</i> , 2021, 357, 129753.	8.2	15
7	A signal-switchable electrochemiluminescence biosensor based on the integration of spherical nucleic acid and CRISPR/Cas12a for multiplex detection of HIV/HPV DNAs. <i>Sensors and Actuators B: Chemical</i> , 2021, 346, 130485.	7.8	36
8	Carbon dots and gold nanoparticles doped metal-organic frameworks as high-efficiency ECL emitters for monitoring of cell apoptosis. <i>Microchemical Journal</i> , 2021, 171, 106787.	4.5	16
9	An "on-off" signal-switchable electrochemiluminescence biosensor for ultrasensitive detection of dual microRNAs based on DNAzyme-powered DNA walker. <i>Sensors and Actuators B: Chemical</i> , 2021, 348, 130660.	7.8	15
10	A dual-potential ratiometric electrochemiluminescence biosensor based on Au@CDs nanoflowers, Au@luminal nanoparticles and an enzyme-free DNA nanomachine for ultrasensitive p53 DNA detection. <i>Sensors and Actuators B: Chemical</i> , 2021, 327, 128890.	7.8	28
11	Simple Tripedal DNA Walker Prepared by Target-Triggered Catalytic Hairpin Assembly for Ultrasensitive Electrochemiluminescence Detection of MicroRNA. <i>ACS Sensors</i> , 2020, 5, 3584-3590.	7.8	60
12	Nonenzymatic chemiluminescence detection of circulating tumor cells in blood based on Au@luminal nanoparticles, hybridization chain reaction and magnetic isolation. <i>Sensors and Actuators B: Chemical</i> , 2020, 318, 128287.	7.8	29
13	High luminous efficiency Au@CDs for sensitive and label-free electrochemiluminescent detection of circulating tumor cells in serum. <i>Sensors and Actuators B: Chemical</i> , 2020, 316, 128131.	7.8	33
14	A dopamine-imprinted chitosan Film/Porous ZnO NPs@carbon Nanospheres/Macroporous carbon for electrochemical sensing dopamine. <i>Sensors and Actuators B: Chemical</i> , 2019, 298, 126949.	7.8	26
15	A fluorometric aptasensor for bisphenol a based on the inner filter effect of gold nanoparticles on the fluorescence of nitrogen-doped carbon dots. <i>Mikrochimica Acta</i> , 2019, 186, 28.	5.0	29
16	Highly sensitive and selective dual-emission ratiometric fluorescence detection of dopamine based on carbon dots-gold nanoclusters hybrid. <i>Sensors and Actuators B: Chemical</i> , 2018, 265, 371-377.	7.8	145
17	Aptamer based electrochemiluminescent determination of bisphenol A by using carboxylated graphitic carbon nitride. <i>Mikrochimica Acta</i> , 2018, 185, 463.	5.0	35
18	Application of Air-Assisted Liquid-Liquid Microextraction for Determination of Some Fluoroquinolones in Milk Powder and Egg Samples: Comparison with Conventional Dispersive Liquid-Liquid Microextraction. <i>Food Analytical Methods</i> , 2016, 9, 2223-2230.	2.6	17

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19	Magnetic mixed hemimicelles solidâ€phase extraction coupled with highâ€performance liquid chromatography for the extraction and rapid determination of six fluoroquinolones in environmental water samples. <i>Journal of Separation Science</i> , 2015, 38, 996-1001.	2.5	20