

# Zhan-Hong Li

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24  
papers

679  
citations

14  
h-index

26  
g-index

27  
ext. papers

913  
ext. citations

4.8  
avg, IF

4.34  
L-index

#	Paper	IF	Citations
24	Advances of Drugs Electroanalysis Based on Direct Electrochemical Redox on Electrodes: A Review.. <i>Critical Reviews in Analytical Chemistry</i> , <b>2022</b> , 1-46	5.2	0
23	Optical Biosensors for Diagnostics of Infectious Viral Disease: A Recent Update. <i>Diagnostics</i> , <b>2021</b> , 11,	3.8	5
22	Octahedral Cuprous Oxide Decorated Flexible Reduced Graphene Oxide Paper for Food Sensing Application. <i>Electroanalysis</i> , <b>2021</b> , 33, 1461-1470	3	1
21	MnFe <sub>2</sub> O <sub>4</sub> nanoparticles-decorated graphene nanosheets used as an efficient peroxidase mimic enable the electrochemical detection of hydrogen peroxide with a low detection limit. <i>Microchemical Journal</i> , <b>2021</b> , 166, 106240	4.8	4
20	Continuous Opioid Monitoring along with Nerve Agents on a Wearable Microneedle Sensor Array. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 5991-5995	16.4	59
19	Flexible fabric gas sensors based on PANI/WO <sub>3</sub> p-n heterojunction for high performance NH <sub>3</sub> detection at room temperature. <i>Science China Materials</i> , <b>2020</b> , 63, 2028-2039	7.1	15
18	Simultaneous detection of salivary Tetrahydrocannabinol and alcohol using a Wearable Electrochemical Ring Sensor. <i>Talanta</i> , <b>2020</b> , 211, 120757	6.2	51
17	Fe <sub>3</sub> O <sub>4</sub> /SiO <sub>2</sub> /CS surface ion-imprinted polymer modified glassy carbon electrode for highly sensitivity and selectivity detection of toxic metal ions. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2020</b> , 113, 107-113	5.3	6
16	An ion-imprinted sensor based on chitosan-graphene oxide composite polymer modified glassy carbon electrode for environmental sensing application. <i>Electrochimica Acta</i> , <b>2019</b> , 317, 93-101	6.7	37
15	Ultrasensitive ciprofloxacin assay based on the use of a fluorescently labeled aptamer and a nanocomposite prepared from carbon nanotubes and MoSe. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 507	5.8	7
14	Data Analysis and Accuracy Evaluation of a Continuous Glucose-Monitoring Device. <i>Journal of Sensors</i> , <b>2019</b> , 2019, 1-8	2	3
13	Ionic Liquid-Modified Disposable Electrochemical Sensor Strip for Analysis of Fentanyl. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 3747-3753	7.8	42
12	Application of Electrochemical Aptasensors toward Clinical Diagnostics, Food, and Environmental Monitoring: Review. <i>Sensors</i> , <b>2019</b> , 19,	3.8	38
11	A pH-Responsive Molecularly Imprinted Hydrogel for Dexamethasone Release. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2019</b> , 29, 659-666	3.2	12
10	Heterostructure of CuO microspheres modified with CuFe <sub>2</sub> O <sub>4</sub> nanoparticles for highly sensitive H <sub>2</sub> S gas sensor. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 264, 139-149	8.5	72
9	Disposable electrochemical aptasensor based on carbon nanotubes- V <sub>2</sub> O <sub>5</sub> -chitosan nanocomposite for detection of ciprofloxacin. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 268, 278-286	8.5	66
8	An enhanced Nonenzymatic Electrochemical Glucose Sensor Based on Copper-Palladium Nanoparticles Modified Glassy Carbon Electrodes. <i>Electroanalysis</i> , <b>2018</b> , 30, 1811-1819	3	18

7	Flexible Hydrogen Peroxide Sensors Based on Platinum Modified Free-Standing Reduced Graphene Oxide Paper. <i>Applied Sciences (Switzerland)</i> , <b>2018</b> , 8, 848	2.6	15
6	One-Pot Preparation of Physical Hydrogel-Based Photonic Crystal. <i>Materials Science Forum</i> , <b>2018</b> , 939, 127-132	0.4	3
5	Free-standing palladium modified reduced graphene oxide paper based on one-pot co-reduction and its sensing application. <i>Chemical Physics Letters</i> , <b>2018</b> , 712, 71-77	2.5	7
4	A Novel Biomimetic Hydrogen Peroxide Biosensor Based on Pt Flowers-decorated Fe <sub>3</sub> O <sub>4</sub> /Graphene Nanocomposite. <i>Electroanalysis</i> , <b>2017</b> , 29, 1518-1523	3	31
3	Current and Emerging Technology for Continuous Glucose Monitoring. <i>Sensors</i> , <b>2017</b> , 17,	3.8	135
2	Nano-Aptasensing in Mycotoxin Analysis: Recent Updates and Progress. <i>Toxins</i> , <b>2017</b> , 9,	4.9	36
1	Optimization of hydrogen peroxide detection for a methyl mercaptan biosensor. <i>Sensors</i> , <b>2013</b> , 13, 5028-39	3.19	15