Zhan-Hong Li

List of Publications by Citations

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	Current and Emerging Technology for Continuous Glucose Monitoring. *Sensors*, **2017**, 17,	3.8	135
23	Heterostructure of CuO microspheres modified with CuFe2O4 nanoparticles for highly sensitive H2S gas sensor. *Sensors and Actuators B: Chemical*, **2018**, 264, 139-149	8.5	72
22	Disposable electrochemical aptasensor based on carbon nanotubes- V2O5-chitosan nanocomposite for detection of ciprofloxacin. *Sensors and Actuators B: Chemical*, **2018**, 268, 278-286	8.5	66
21	Continuous Opioid Monitoring along with Nerve Agents on a Wearable Microneedle Sensor Array. *Journal of the American Chemical Society*, **2020**, 142, 5991-5995	16.4	59
20	Simultaneous detection of salivary Δ-tetrahydrocannabinol and alcohol using a Wearable Electrochemical Ring Sensor. *Talanta*, **2020**, 211, 120757	6.2	51
19	Ionic Liquid-Modified Disposable Electrochemical Sensor Strip for Analysis of Fentanyl. *Analytical Chemistry*, **2019**, 91, 3747-3753	7.8	42
18	Application of Electrochemical Aptasensors toward Clinical Diagnostics, Food, and Environmental Monitoring: Review. *Sensors*, **2019**, 19,	3.8	38
17	An ion-imprinted sensor based on chitosan-graphene oxide composite polymer modified glassy carbon electrode for environmental sensing application. *Electrochimica Acta*, **2019**, 317, 93-101	6.7	37
16	Nano-Aptasensing in Mycotoxin Analysis: Recent Updates and Progress. *Toxins*, **2017**, 9,	4.9	36
15	A Novel Biomimetic Hydrogen Peroxide Biosensor Based on Pt Flowers-decorated Fe3O4/Graphene Nanocomposite. *Electroanalysis*, **2017**, 29, 1518-1523	3	31
14	An enhanced Nonenzymatic Electrochemical Glucose Sensor Based on Copper-Palladium Nanoparticles Modified Glassy Carbon Electrodes. *Electroanalysis*, **2018**, 30, 1811-1819	3	18
13	Flexible fabric gas sensors based on PANI/WO3 p-n heterojunction for high performance NH3 detection at room temperature. *Science China Materials*, **2020**, 63, 2028-2039	7.1	15
12	Flexible Hydrogen Peroxide Sensors Based on Platinum Modified Free-Standing Reduced Graphene Oxide Paper. *Applied Sciences (Switzerland)*, **2018**, 8, 848	2.6	15
11	Optimization of hydrogen peroxide detection for a methyl mercaptan biosensor. *Sensors*, **2013**, 13, 5028-39	3.9	15
10	A pH-Responsive Molecularly Imprinted Hydrogel for Dexamethasone Release. *Journal of Inorganic and Organometallic Polymers and Materials*, **2019**, 29, 659-666	3.2	12
9	Ultrasensitive ciprofloxacin assay based on the use of a fluorescently labeled aptamer and a nanocomposite prepared from carbon nanotubes and MoSe. *Mikrochimica Acta*, **2019**, 186, 507	5.8	7
8	Free-standing palladium modified reduced graphene oxide paper based on one-pot co-reduction and its sensing application. *Chemical Physics Letters*, **2018**, 712, 71-77	2.5	7

7	Fe3O4/SiO2/CS surface ion-imprinted polymer modified glassy carbon electrode for highly sensitivity and selectivity detection of toxic metal ions. *Journal of the Taiwan Institute of Chemical Engineers*, **2020**, 113, 107-113	5.3	6
6	Optical Biosensors for Diagnostics of Infectious Viral Disease: A Recent Update. *Diagnostics*, **2021**, 11,	3.8	5
5	MnFe2O4 nanoparticles-decorated graphene nanosheets used as an efficient peroxidase minic enable the electrochemical detection of hydrogen peroxide with a low detection limit. *Microchemical Journal*, **2021**, 166, 106240	4.8	4
4	Data Analysis and Accuracy Evaluation of a Continuous Glucose-Monitoring Device. *Journal of Sensors*, **2019**, 2019, 1-8	2	3
3	One-Pot Preparation of Physical Hydrogel-Based Photonic Crystal. *Materials Science Forum*, **2018**, 939, 127-132	0.4	3
2	Octahedral Cuprous Oxide Decorated Flexible Reduced Graphene Oxide Paper for Food Sensing Application. *Electroanalysis*, **2021**, 33, 1461-1470	3	1
1	Advances of Drugs Electroanalysis Based on Direct Electrochemical Redox on Electrodes: A Review.. *Critical Reviews in Analytical Chemistry*, **2022**, 1-46	5.2	0