Zhan-Hong Li

List of Publications by Year
in descending order

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26	1,186	430754	580701
papers	citations	18 h-index	25 g-index

27	27	27	1538
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Current and Emerging Technology for Continuous Glucose Monitoring. Sensors, 2017, 17, 182.	2.1	193
2	Continuous Opioid Monitoring along with Nerve Agents on a Wearable Microneedle Sensor Array. Journal of the American Chemical Society, 2020, 142, 5991-5995.	6.6	130
3	Heterostructure of CuO microspheres modified with CuFe2O4 nanoparticles for highly sensitive H2S gas sensor. Sensors and Actuators B: Chemical, 2018, 264, 139-149.	4.0	103
4	Disposable electrochemical aptasensor based on carbon nanotubes- V2O5-chitosan nanocomposite for detection of ciprofloxacin. Sensors and Actuators B: Chemical, 2018, 268, 278-286.	4.0	100
5	Simultaneous detection of salivary Î”9-tetrahydrocannabinol and alcohol using a Wearable Electrochemical Ring Sensor. Talanta, 2020, 211, 120757.	2.9	95
6	Ionic Liquid-Modified Disposable Electrochemical Sensor Strip for Analysis of Fentanyl. Analytical Chemistry, 2019, 91, 3747-3753.	3.2	70
7	Application of Electrochemical Aptasensors toward Clinical Diagnostics, Food, and Environmental Monitoring: Review. Sensors, 2019, 19, 5435.	2.1	70
8	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.	2.6	65
9	Flexible fabric gas sensors based on PANI/WO3 pâ^'n heterojunction for high performance NH3 detection at room temperature. Science China Materials, 2020, 63, 2028-2039.	3.5	50
10	Nano-Aptasensing in Mycotoxin Analysis: Recent Updates and Progress. Toxins, 2017, 9, 349.	1.5	46
11	A Novel Biomimetic Hydrogen Peroxide Biosensor Based on Pt Flowersâ€decorated Fe₃O₄/Graphene Nanocomposite. Electroanalysis, 2017, 29, 1518-1523.	1.5	42
12	An enhanced Nonenzymatic Electrochemical Glucose Sensor Based on Copperâ€Palladium Nanoparticles Modified Glassy Carbon Electrodes. Electroanalysis, 2018, 30, 1811-1819.	1.5	29
13	Optical Biosensors for Diagnostics of Infectious Viral Disease: A Recent Update. Diagnostics, 2021, 11, 2083.	1.3	29
14	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.	2.7	25
15	A pH-Responsive Molecularly Imprinted Hydrogel for Dexamethasone Release. Journal of Inorganic and Organometallic Polymers and Materials, 2019, 29, 659-666.	1.9	23
16	MnFe2O4/MoS2 nanocomposite as Oxidase-like for electrochemical simultaneous detection of ascorbic acid, dopamine and uric acid. Microchemical Journal, 2022, 181, 107780.	2.3	20
17	Flexible Hydrogen Peroxide Sensors Based on Platinum Modified Free-Standing Reduced Graphene Oxide Paper. Applied Sciences (Switzerland), 2018, 8, 848.	1.3	19
18	Optimization of Hydrogen Peroxide Detection for a Methyl Mercaptan Biosensor. Sensors, 2013, 13, 5028-5039.	2.1	18

#	Article	IF	Citations
19	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.	2.3	15
20	Ultrasensitive ciprofloxacin assay based on the use of a fluorescently labeled aptamer and a nanocomposite prepared from carbon nanotubes and MoSe2. Mikrochimica Acta, 2019, 186, 507.	2.5	13
21	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.	1.2	12
22	Data Analysis and Accuracy Evaluation of a Continuous Glucose-Monitoring Device. Journal of Sensors, 2019, 2019, 1-8.	0.6	6
23	One-step in situ Controllable Synthesis of MnFe2O4/rGO Nanocomposite and Its Application to Electrochemical Sensing of Hydrogen Peroxide. Sensors and Materials, 2020, 32, 1091.	0.3	5
24	Octahedral Cuprous Oxide Decorated Flexible Reduced Graphene Oxide Paper for Food Sensing Application. Electroanalysis, 2021, 33, 1461-1470.	1.5	4
25	One-Pot Preparation of Physical Hydrogel-Based Photonic Crystal. Materials Science Forum, 0, 939, 127-132.	0.3	3
26	Advances of Drugs Electroanalysis Based on Direct Electrochemical Redox on Electrodes: A Review. Critical Reviews in Analytical Chemistry, 2024, 54, 269-314.	1.8	1