Qiong Wu

List of Publications by Year
in descending order

35 papers	1,008 citations	516710 16 h-index	434195 31 g-index
35 all docs	35 docs citations	35 times ranked	1003 citing authors

#	Article	IF	Citations
1	Progress on the Physiological Function of Mitochondrial DNA and Its Specific Detection and Therapy. ChemBioChem, 2022, 23, .	2.6	2
2	Optical/electrochemical methods for detecting mitochondrial energy metabolism. Chemical Society Reviews, 2022, 51, 71-127.	38.1	45
3	Overview of the structure, side effects, and activity assays of <scp>l</scp>-asparaginase as a therapy drug of acute lymphoblastic leukemia. RSC Medicinal Chemistry, 2022, 13, 117-128.	3.9	7
4	Twoâ€Photon Smallâ€Molecule Fluorogenic Probes for Visualizing Endogenous Nitroreductase Activities from Tumor Tissues of a Cancer Patient. Advanced Healthcare Materials, 2022, 11, e2200400.	7.6	18
5	Optical flexible biosensors: From detection principles to biomedical applications. Biosensors and Bioelectronics, 2022, 210, 114328.	10.1	18
6	Pyrimidineâ€Based Fluorescent Probe for Monitoring Mitophagy <i>via</i> Detection of Mitochondrial pH Variation. ChemBioChem, 2022, 23, .	2.6	1
7	Fluorogenic Probes/Inhibitors of Î²â€Lactamase and their Applications in Drugâ€Resistant Bacteria. Angewandte Chemie, 2021, 133, 24-40.	2.0	3
8	Fluorogenic Probes/Inhibitors of Î²â€Lactamase and their Applications in Drugâ€Resistant Bacteria. Angewandte Chemie - International Edition, 2021, 60, 24-40.	13.8	38
9	Simultaneously Detecting Monoamine Oxidase A and B in Disease Cell/Tissue Samples Using Paper-Based Devices. ACS Applied Bio Materials, 2021, 4, 1395-1402.	4.6	5
10	Intramolecular charge transfer enhancing strategy based MAO-A specific two-photon fluorescent probes for glioma cell/tissue imaging. Chemical Communications, 2021, 57, 11260-11263.	4.1	11
11	Near infrared photothermal conversion materials: mechanism, preparation, and photothermal cancer therapy applications. Journal of Materials Chemistry B, 2021, 9, 7909-7926.	5.8	162
12	Design, synthesis and application of fluorogenic probe for detecting l-asparaginase in serum samples. Results in Chemistry, 2021, 3, 100103.	2.0	4
13	Multiâ€Functional Liposome: A Powerful Theranostic Nanoâ€Platform Enhancing Photodynamic Therapy. Advanced Science, 2021, 8, e2100876.	11.2	95
14	Wearable Sweat Biosensors Refresh Personalized Health/Medical Diagnostics. Research, 2021, 2021, 9757126.	5.7	29
15	Î±-Arbutin Protects Against Parkinsonâ€™s Disease-Associated Mitochondrial Dysfunction In Vitro and In Vivo. NeuroMolecular Medicine, 2020, 22, 56-67.	3.4	35
16	A novel naphthofluorescein-based probe for ultrasensitive point-of-care testing of zinc(II) ions and its bioimaging in living cells and zebrafishes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 229, 117949.	3.9	11
17	Photosensitive hydrogels: from structure, mechanisms, design to bioapplications. Science China Life Sciences, 2020, 63, 1813-1828.	4.9	33
18	One-pot synthesis of a hydrogen peroxide-selective fluorogenic probe and its application in Parkinson's disease<i>in vitro</i>and<i>vivo</i>models. Materials Advances, 2020, 1, 1448-1454.	5.4	8

#	Article	IF	Citations
19	Catalysis-based specific detection and inhibition of tyrosinase and their application. Journal of Pharmaceutical Analysis, 2020, 10, 414-425.	5.3	28
20	A novel fluorogenic probe for visualizing the hydrogen peroxide in Parkinsonâ€™s disease models. Journal of Innovative Optical Health Sciences, 2020, 13, .	1.0	14
21	Topochemical assembly of levodopa nanoparticles network as a high-performance biosensing platform coupling with Ï€-Ï€ stacking and electrostatic repulsion interactions. Talanta, 2020, 219, 121285.	5.5	3
22	Rational Design of a Twoâ€Photon Fluorogenic Probe for Visualizing Monoamine Oxidaseâ€...A Activity in Human Glioma Tissues. Angewandte Chemie, 2020, 132, 7606-7611.	2.0	10
23	Rational Design of a Twoâ€Photon Fluorogenic Probe for Visualizing Monoamine Oxidaseâ€...A Activity in Human Glioma Tissues. Angewandte Chemie - International Edition, 2020, 59, 7536-7541.	13.8	65
24	Two-component ratiometric sensor for Cu2+ detection on paper-based device. Analytical and Bioanalytical Chemistry, 2019, 411, 6165-6172.	3.7	6
25	Rational Design of Nanocarriers for Intracellular Protein Delivery. Advanced Materials, 2019, 31, e1902791.	21.0	166
26	Structureâ€Based Specific Detection and Inhibition of Monoamine Oxidases and Their Applications in Central Nervous System Diseases. ChemBioChem, 2019, 20, 1487-1497.	2.6	16
27	A rapid and highly selective paper-based device for high-throughput detection of cysteine with red fluorescence emission and a large Stokes shift. Analytical Methods, 2019, 11, 1312-1316.	2.7	16
28	Paper-Based Fluorogenic Device for Detection of Copper Ions in a Biological System. ACS Applied Bio Materials, 2018, 1, 1523-1529.	4.6	14
29	Mitochondrial Specific H₂S_{<i>n</i>} Fluorogenic Probe for Live Cell Imaging by Rational Utilization of a Dual-Functional-Photocage Group. ACS Sensors, 2018, 3, 1622-1626.	7.8	19
30	Preparation of nonâ€covalent Metalloporphyrin/C₆₀ Composite and its Electrocatalysis to Hydrogen Peroxide. Electroanalysis, 2017, 29, 696-701.	2.9	3
31	A novel electrochemical biosensor for detection of cholesterol. Russian Journal of Electrochemistry, 2016, 52, 239-244.	0.9	13
32	Amperometric cholesterol biosensor based on zinc oxide films on a silver nanowireâ€"graphene oxide modified electrode. Analytical Methods, 2016, 8, 1806-1812.	2.7	41
33	An Au nanocomposite based biosensor for determination of cholesterol. Analytical Methods, 2015, 7, 3480-3485.	2.7	9
34	Electrochemical sensor based on a silver nanowires modified electrode for the determination of cholesterol. Analytical Methods, 2015, 7, 5649-5653.	2.7	18
35	Printed electronics integrated with paper-based microfluidics: new methodologies for next-generation health care. Microfluidics and Nanofluidics, 2015, 19, 251-261.	2.2	42