Conghui Liu

List of Publications by Year
in descending order

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26 papers	2,074 citations	489802 18 h-index	620720 26 g-index
26 all docs	26 docs citations	26 times ranked	3193 citing authors

#	Article	IF	Citations
1	Powering bioanalytical applications in biomedicine with light-responsive Janus micro-/nanomotors. Mikrochimica Acta, 2022, 189, 116.	2.5	17
2	High-Selectivity Single-Nucleotide Variant Capture Technology Based on the DNA Reaction Network. Analytical Chemistry, 2022, , .	3.2	3
3	Target-triggered regioselective assembly of nanoprobes for Raman imaging of dual cancer biomarkers in living cells. Sensors and Actuators B: Chemical, 2021, 330, 129319.	4.0	11
4	Recent advances and challenges of biosensing in point-of-care molecular diagnosis. Sensors and Actuators B: Chemical, 2021, 348, 130708.	4.0	25
5	Ultra-Trace Protein Detection by Integrating Lateral Flow Biosensor with Ultrasound Enrichment. Analytical Chemistry, 2021, 93, 2996-3001.	3.2	22
6	Pd@Au Bimetallic Nanoplates Decorated Mesoporous MnO₂ for Synergistic Nucleusâ€Targeted NIRâ€II Photothermal and Hypoxiaâ€Relieved Photodynamic Therapy. Advanced Healthcare Materials, 2020, 9, e1901528.	3.9	74
7	Integrated Wound Recognition in Bandages for Intelligent Treatment. Advanced Healthcare Materials, 2020, 9, e2000941.	3.9	20
8	Bacterial Vesicle-Cancer Cell Hybrid Membrane-Coated Nanoparticles for Tumor Specific Immune Activation and Photothermal Therapy. ACS Applied Materials & Interfaces, 2020, 12, 41138-41147.	4.0	100
9	Integrated Ultrasonic Aggregation-Induced Enrichment with Raman Enhancement for Ultrasensitive and Rapid Biosensing. Analytical Chemistry, 2020, 92, 7816-7821.	3.2	54
10	Droplet array for open-channel high-throughput SERS biosensing. Talanta, 2020, 218, 121206.	2.9	15
11	Integrated Smart Janus Textile Bands for Self-Pumping Sweat Sampling and Analysis. ACS Sensors, 2020, 5, 1548-1554.	4.0	120
12	Artificial intelligence biosensors: Challenges and prospects. Biosensors and Bioelectronics, 2020, 165, 112412.	5.3	153
13	An open source and reduce expenditure ROS generation strategy for chemodynamic/photodynamic synergistic therapy. Nature Communications, 2020, 11, 1735.	5.8	343
14	The role of sampling in wearable sweat sensors. Talanta, 2020, 212, 120801.	2.9	97
15	Nonâ€Fentonâ€Type Hydroxyl Radical Generation and Photothermal Effect by Mitochondriaâ€Targeted WSSe/MnO₂ Nanocomposite Loaded with Isoniazid for Synergistic Anticancer Treatment. Advanced Functional Materials, 2019, 29, 1903850.	7.8	59
16	Railâ€Assisted Dynamic Assembly of Metallic Nanowires. Advanced Intelligent Systems, 2019, 1, 1900100.	3.3	1
17	Sensitively distinguishing intracellular precursor and mature microRNA abundance. Chemical Science, 2019, 10, 1709-1715.	3.7	46
18	Biodegradable Biomimic Copper/Manganese Silicate Nanospheres for Chemodynamic/Photodynamic Synergistic Therapy with Simultaneous Glutathione Depletion and Hypoxia Relief. ACS Nano, 2019, 13, 4267-4277.	7.3	513

#	Article	IF	Citations
19	Dynamic Assembly of Microspheres under an Ultrasound Field. Chemistry - an Asian Journal, 2019, 14, 2440-2444.	1.7	10
20	Plasmonic Resonance Energy Transfer Enhanced Photodynamic Therapy with Au@SiO₂@Cu₂O/Perfluorohexane Nanocomposites. ACS Applied Materials & Interfaces, 2018, 10, 6991-7002.	4.0	74
21	Fabricating Pt-decorated three dimensional N-doped carbon porous microspherical cavity catalyst for advanced oxygen reduction reaction. Carbon, 2018, 128, 38-45.	5.4	30
22	Target-Triggered Catalytic Hairpin Assembly-Induced Coreâ€“Satellite Nanostructures for High-Sensitive â€œOff-to-Onâ€•SERS Detection of Intracellular MicroRNA. Analytical Chemistry, 2018, 90, 10591-10599.	3.2	85
23	Prickly Pear-Like Three-Dimensional Porous MoS2: Synthesis, Characterization and Advanced Hydrogen Evolution Reaction. Catalysts, 2018, 8, 235.	1.6	3
24	Controllable Swarming and Assembly of Micro/Nanomachines. Micromachines, 2018, 9, 10.	1.4	42
25	Controlling the micro/nanomotors motion and their application in precision medicine. Scientia Sinica Chimica, 2017, 47, 29-38.	0.2	1
26	Three-dimensional Nitrogen-Doped Graphene Supported Molybdenum Disulfide Nanoparticles as an Advanced Catalyst for Hydrogen Evolution Reaction. Scientific Reports, 2015, 5, 17542.	1.6	156