

Conghui Liu

List of Publications by Year in Descending Order

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Version: 2024-04-28

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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

1,144
citations

15
h-index

26
g-index

26
ext. papers

1,622
ext. citations

8.2
avg. IF

4.98
L-index

#	Paper	IF	Citations
24	Powering bioanalytical applications in biomedicine with light-responsive Janus micro-/nanomotors.. <i>Mikrochimica Acta</i> , 2022 , 189, 116	5.8	5
23	Target-triggered regioselective assembly of nanoprobes for Raman imaging of dual cancer biomarkers in living cells. <i>Sensors and Actuators B: Chemical</i> , 2021 , 330, 129319	8.5	4
22	Recent advances and challenges of biosensing in point-of-care molecular diagnosis. <i>Sensors and Actuators B: Chemical</i> , 2021 , 348, 130708	8.5	5
21	Ultra-Trace Protein Detection by Integrating Lateral Flow Biosensor with Ultrasound Enrichment. <i>Analytical Chemistry</i> , 2021 , 93, 2996-3001	7.8	10
20	Integrated Ultrasonic Aggregation-Induced Enrichment with Raman Enhancement for Ultrasensitive and Rapid Biosensing. <i>Analytical Chemistry</i> , 2020 , 92, 7816-7821	7.8	26
19	Droplet array for open-channel high-throughput SERS biosensing. <i>Talanta</i> , 2020 , 218, 121206	6.2	6
18	Integrated Smart Janus Textile Bands for Self-Pumping Sweat Sampling and Analysis. <i>ACS Sensors</i> , 2020 , 5, 1548-1554	9.2	57
17	Artificial intelligence biosensors: Challenges and prospects. <i>Biosensors and Bioelectronics</i> , 2020 , 165, 112412	11.8	62
16	An open source and reduce expenditure ROS generation strategy for chemodynamic/photodynamic synergistic therapy. <i>Nature Communications</i> , 2020 , 11, 1735	17.4	153
15	The role of sampling in wearable sweat sensors. <i>Talanta</i> , 2020 , 212, 120801	6.2	52
14	Pd@Au Bimetallic Nanoplates Decorated Mesoporous MnO for Synergistic Nucleus-Targeted NIR-II Photothermal and Hypoxia-Relieved Photodynamic Therapy. <i>Advanced Healthcare Materials</i> , 2020 , 9, e1901528	10.1	44
13	Integrated Wound Recognition in Bandages for Intelligent Treatment. <i>Advanced Healthcare Materials</i> , 2020 , 9, e2000941	10.1	10
12	Bacterial Vesicle-Cancer Cell Hybrid Membrane-Coated Nanoparticles for Tumor Specific Immune Activation and Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 41138-41147	9.5	38
11	Sensitively distinguishing intracellular precursor and mature microRNA abundance. <i>Chemical Science</i> , 2019 , 10, 1709-1715	9.4	25
10	Biodegradable Biomimic Copper/Manganese Silicate Nanospheres for Chemodynamic/Photodynamic Synergistic Therapy with Simultaneous Glutathione Depletion and Hypoxia Relief. <i>ACS Nano</i> , 2019 , 13, 4267-4277	16.7	315
9	Dynamic Assembly of Microspheres under an Ultrasound Field. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 2440-2444	4.5	7
8	Non-Fenton-Type Hydroxyl Radical Generation and Photothermal Effect by Mitochondria-Targeted WSSE/MnO ₂ Nanocomposite Loaded with Isoniazid for Synergistic Anticancer Treatment. <i>Advanced Functional Materials</i> , 2019 , 29, 1903850	15.6	40

7	Rail-Assisted Dynamic Assembly of Metallic Nanowires. <i>Advanced Intelligent Systems</i> , 2019 , 1, 1900100	6	1
6	Plasmonic Resonance Energy Transfer Enhanced Photodynamic Therapy with Au@SiO ₂ @CuO/Perfluorohexane Nanocomposites. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 6991-7002	9.5	47
5	Target-Triggered Catalytic Hairpin Assembly-Induced Core-Satellite Nanostructures for High-Sensitive "Off-to-On" SERS Detection of Intracellular MicroRNA. <i>Analytical Chemistry</i> , 2018 , 90, 10591-10599	7.8	57
4	Prickly Pear-Like Three-Dimensional Porous MoS ₂ : Synthesis, Characterization and Advanced Hydrogen Evolution Reaction. <i>Catalysts</i> , 2018 , 8, 235	4	2
3	Fabricating Pt-decorated three dimensional N-doped carbon porous microspherical cavity catalyst for advanced oxygen reduction reaction. <i>Carbon</i> , 2018 , 128, 38-45	10.4	25
2	Controllable Swarming and Assembly of Micro/Nanomachines. <i>Micromachines</i> , 2017 , 9,	3.3	28
1	Three-dimensional Nitrogen-Doped Graphene Supported Molybdenum Disulfide Nanoparticles as an Advanced Catalyst for Hydrogen Evolution Reaction. <i>Scientific Reports</i> , 2015 , 5, 17542	4.9	124