

Wenjun Chen

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Progress of Micro/Nanorobots for Cell Delivery and Manipulation. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	31
2	Droplet-Based Microfluidic Preparation of Shape-Variable Alginate Hydrogel Magnetic Micromotors. <i>Nanomaterials</i> , 2022, 12, 115.	4.1	3
3	Active nanomotors surpass passive nanomedicines: current progress and challenges. <i>Journal of Materials Chemistry B</i> , 2022, 10, 7099-7107.	5.8	5
4	Enzyme-Powered Hollow Nanorobots for Active Microsampling Enabled by Thermoresponsive Polymer Gating. <i>ACS Nano</i> , 2022, 16, 10354-10363.	14.6	9
5	SERS substrate fabrication for biochemical sensing: towards point-of-care diagnostics. <i>Journal of Materials Chemistry B</i> , 2021, 9, 8378-8388.	5.8	45
6	High resolution patterning of PbS quantum dots/graphene photodetectors with high responsivity <i>via</i> photolithography with a top graphene layer to protect surface ligands. <i>Nanoscale Advances</i> , 2021, 3, 6206-6212.	4.6	4
7	Instant Preparation of Ultraclean Gold Nanothorns under Ambient Conditions for SERS Kit-Enabled Mobile Diagnostics. <i>Analytical Chemistry</i> , 2021, 93, 16628-16637.	6.5	9
8	Enhanced Charge Transfer and Responsivity in Hybrid Quantum Dot/Graphene Photodetectors Using ZnO as Intermediate Electronâ€Collecting Layer. <i>Advanced Electronic Materials</i> , 2020, 6, 2000014.	5.1	16
9	Near full light absorption and full charge collection in 1-micron thick quantum dot photodetector using intercalated graphene monolayer electrodes. <i>Nanoscale</i> , 2020, 12, 4909-4915.	5.6	11
10	Implementation of Metallic Vertical Interconnect Access in Hybrid Intercalated Graphene/Quantum Dot Photodetector for Improved Charge Collection. <i>Frontiers in Materials</i> , 2019, 6, .	2.4	5
11	Improved Charge Extraction Beyond Diffusion Length by Layerâ€byâ€Layer Multistacking Intercalation of Graphene Layers inside Quantum Dots Films. <i>Advanced Materials</i> , 2019, 31, e1807894.	21.0	21
12	Optoelectronic response of hybrid PbS-QD/graphene photodetectors. <i>Journal of Chemical Physics</i> , 2019, 151, 234705.	3.0	17
13	Electrohydrodynamically Assisted Deposition of Efficient Perovskite Photovoltaics. <i>Advanced Materials Interfaces</i> , 2016, 3, 1500762.	3.7	21