

Wenjun Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1092312/publications.pdf>

Version: 2024-02-01

13
papers

197
citations

1163117

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1125743

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g-index

13
all docs

13
docs citations

13
times ranked

141
citing authors

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