

Menghan Zhao

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Interface Engineering-Assisted 3D-Graphene/Germanium Heterojunction for High-Performance Photodetectors. ACS Applied Materials & Interfaces, 2020, 12, 15606-15614.	8.0	33
2	Graphene Quantum Dot-Decorated Vertically Oriented Graphene/Germanium Heterojunctions for Near-Infrared Photodetectors. ACS Applied Nano Materials, 2020, 3, 6915-6924.	5.0	21
3	Sensitive, Reusable, Surface-Enhanced Raman Scattering Sensors Constructed with a 3D Graphene/Si Hybrid. ACS Applied Materials & Interfaces, 2021, 13, 23081-23091.	8.0	19
4	Perovskite quantum dots integrated with vertically aligned graphene toward ambipolar multifunctional photodetectors. Journal of Materials Chemistry C, 2021, 9, 609-619.	5.5	12
5	Seed-Initiated Synthesis and Tunable Doping Graphene for High-Performance Photodetectors. Advanced Optical Materials, 2019, 7, 1901388.	7.3	7
6	<i>In situ</i> synthesis of monolayer graphene on silicon for near-infrared photodetectors. RSC Advances, 2019, 9, 37512-37517.	3.6	7
7	Graphene Quantum Dots Promoted the Synthesis of Heavily n-Type Graphene for Near-Infrared Photodetectors. Journal of Physical Chemistry C, 2020, 124, 1674-1680.	3.1	7
8	High-performance near-infrared photodetectors based on C ₃ N quantum dots integrated with single-crystal graphene. Journal of Materials Chemistry C, 2021, 9, 1333-1338.	5.5	7
9	Intact Vertical 3D-2D Carbon-Based Junctions for Use in High-Performance Photodetectors. Advanced Optical Materials, 2021, 9, 2100387.	7.3	7
10	Role of interfacial 2D graphene in high performance 3D graphene/germanium Schottky junction humidity sensors. Journal of Materials Chemistry C, 2020, 8, 14196-14202.	5.5	6
11	Barrier-assisted ion beam synthesis of transfer-free graphene on an arbitrary substrate. Applied Physics Letters, 2019, 115, .	3.3	5
12	2D Graphene in Interface Engineering of 3D Graphene-Based Thermal Management. Physica Status Solidi (A) Applications and Materials Science, 2021, 218, 2000576.	1.8	3