

# Menghan Zhao

## List of Publications by Year in descending order

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12  
papers

134  
citations

1307594

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h-index

1199594

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g-index

12  
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docs citations

12  
times ranked

133  
citing authors

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