

Yao Ding

List of Publications by Year in descending order

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papers

843
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687363

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docs citations

19
times ranked

2041
citing authors

#	ARTICLE	IF	CITATIONS
1	Tellurium-assisted and space-confined growth of graphene single crystals. Carbon, 2021, 173, 54-60.	10.3	5
2	Confinement-Enhanced Rapid Interlayer Diffusion within Graphene-Supported Anisotropic ReSe ₂ Electrodes. ACS Applied Materials & Interfaces, 2019, 11, 31147-31154.	8.0	13
3	Sub-5-nm edge-rich 1T-ReSe ₂ as bifunctional materials for hydrogen evolution and sodium-ion storage. Nano Energy, 2019, 58, 660-668.	16.0	41
4	Edge-Epitaxial Growth of Graphene on Cu with a Hydrogen-Free Approach. Chemistry of Materials, 2019, 31, 2555-2562.	6.7	19
5	Stacking-mode confined growth of 2H-MoTe ₂ /MoS ₂ bilayer heterostructures for UV-Vis-IR photodetectors. Nano Energy, 2018, 49, 200-208.	16.0	96
6	Inversion Symmetry Broken 2D 3R-MoTe ₂ . Advanced Functional Materials, 2018, 28, 1800785.	14.9	63
7	New Approach to Unveiling Individual Atomic Layers of 2D Materials and Their Heterostructures. Chemistry of Materials, 2018, 30, 1718-1728.	6.7	19
8	Shuttle Suppression by Polymer-Sealed Graphene-Coated Polypropylene Separator. ACS Applied Materials & Interfaces, 2018, 10, 5534-5542.	8.0	27
9	Engineering sub-100-nm Mo(1-x)W _x Se ₂ crystals for efficient hydrogen evolution catalysis. Journal of Materials Chemistry A, 2018, 6, 2900-2907.	10.3	34
10	P-GaSe/N-MoS ₂ Vertical Heterostructures Synthesized by van der Waals Epitaxy for Photoresponse Modulation. Small, 2018, 14, 1702731.	10.0	87
11	Stacking Modes-Induced Chemical Reactivity Differences on Chemical Vapor Deposition-Grown Trilayer Graphene. ACS Applied Materials & Interfaces, 2018, 10, 23424-23431.	8.0	10
12	Concurrent fast growth of sub-centimeter single-crystal graphene with controlled nucleation density in a confined channel. Nanoscale, 2017, 9, 9631-9640.	5.6	17
13	Polymer-confined growth of perforated MoSe ₂ single-crystals on N-doped graphene toward enhanced hydrogen evolution. Nanoscale, 2017, 9, 4652-4659.	5.6	30
14	Recoil Effect and Photoemission Splitting of Trions in Monolayer MoS ₂ . ACS Nano, 2017, 11, 10808-10815.	14.6	11
15	Polymer-Embedded Fabrication of Co ₂ P Nanoparticles Encapsulated in N,P-Doped Graphene for Hydrogen Generation. Nano Letters, 2016, 16, 4691-4698.	9.1	306
16	Stacking-Mode-Induced Reactivity Enhancement for Twisted Bilayer Graphene. Chemistry of Materials, 2016, 28, 1034-1039.	6.7	35
17	Controlled removal of monolayers for bilayer graphene preparation and visualization. RSC Advances, 2015, 5, 25471-25476.	3.6	8
18	Synthesis of large-size graphene by chemical vapor deposition. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
19	Grain size control in the fabrication of large single-crystal bilayer graphene structures. <i>Nanoscale</i> , 2015, 7, 2391-2399.	5.6	22