

Zhiyuan Shi

List of Publications by Year in descending order

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papers

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1683354

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11
docs citations

11
times ranked

257
citing authors

#	ARTICLE	IF	CITATIONS
1	Molten Ga-Pd alloy catalyzed interfacial growth of graphene on dielectric substrates. Applied Surface Science, 2022, 576, 151806.	3.1	2
2	Microstructure Engineering of Hexagonal Boron Nitride for Single-Photon Emitter Applications. Advanced Optical Materials, 2022, 10, .	3.6	4
3	Silicon-assisted growth of hexagonal boron nitride to improve oxidation resistance of germanium. 2D Materials, 2021, 8, 035041.	2.0	5
4	Vacancy-Assisted Growth Mechanism of Multilayer Hexagonal Boron Nitride on a Fe ₂ B Substrate. Journal of Physical Chemistry Letters, 2020, 11, 8511-8517.	2.1	9
5	Overview of Rational Design of Binary Alloy for the Synthesis of Two-Dimensional Materials. Surfaces, 2020, 3, 26-39.	1.0	0
6	Vapor-liquid-solid growth of large-area multilayer hexagonal boron nitride on dielectric substrates. Nature Communications, 2020, 11, 849.	5.8	75
7	Synthesis and stacking sequence characterization of h-BN/graphene heterostructures on Cu-Ni alloy. Carbon, 2019, 152, 521-526.	5.4	15
8	Influence of oxygen on the synthesis of large area hexagonal boron nitride on Fe ₂ B substrate. Materials Letters, 2019, 247, 52-55.	1.3	4
9	Controlled synthesis of uniform multilayer hexagonal boron nitride films on Fe ₂ B alloy. RSC Advances, 2019, 9, 10155-10158.	1.7	17
10	Synthesis of continuous hexagonal boron nitride films on alloy substrate. Materials Letters, 2017, 196, 252-255.	1.3	7
11	Copper-vapor-catalyzed chemical vapor deposition of graphene on dielectric substrates. Applied Physics Letters, 2017, 111, .	1.5	5