

# Zhiyuan Shi

## List of Publications by Year in descending order

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11  
papers

143  
citations

1683354

5  
h-index

1372195

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

257  
citing authors

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