

Yuan Hou

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

468
citations

933447

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1125743

13
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14
all docs

14
docs citations

14
times ranked

472
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation local strain of twisted bilayer graphene via moiré pattern. Optics and Lasers in Engineering, 2022, 152, 106946.	3.8	10
2	Deep Elastic Strain Engineering of 2D Materials and Their Twisted Bilayers. ACS Applied Materials & Interfaces, 2022, 14, 8655-8663.	8.0	16
3	Mechanical Behavior of Blisters Spontaneously Formed by Multilayer 2D Materials. Advanced Materials Interfaces, 2022, 9, .	3.7	12
4	Domino-like stacking order switching in twisted monolayer-multilayer graphene. Nature Materials, 2022, 21, 621-626.	27.5	28
5	Mechanical Behavior of Blisters Spontaneously Formed by Multilayer 2D Materials (Adv. Mater.) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.7	10
6	Elastocapillary cleaning of twisted bilayer graphene interfaces. Nature Communications, 2021, 12, 5069.	12.8	19
7	Abnormal conductivity in low-angle twisted bilayer graphene. Science Advances, 2020, 6, .	10.3	54
8	Preparation of Twisted Bilayer Graphene via the Wetting Transfer Method. ACS Applied Materials & Interfaces, 2020, 12, 40958-40967.	8.0	35
9	Growth of Ultraflat Graphene with Greatly Enhanced Mechanical Properties. Nano Letters, 2020, 20, 6798-6806.	9.1	19
10	Tuning friction to a superlubric state via in-plane straining. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 24452-24456.	7.1	72
11	Interface-Governed Deformation of Nanobubbles and Nanotents Formed by Two-Dimensional Materials. Physical Review Letters, 2018, 121, 266101.	7.8	86
12	Elastic-plastic properties of graphene engineered by oxygen functional groups. Journal Physics D: Applied Physics, 2017, 50, 385305.	2.8	6
13	Mechanical behavior and properties of hydrogen bonded graphene/polymer nano-interfaces. Composites Science and Technology, 2016, 136, 1-9.	7.8	80
14	Multifunctional Polymer-Based Graphene Foams with Buckled Structure and Negative Poisson's Ratio. Scientific Reports, 2016, 6, 32989.	3.3	31