

Shizhe Feng

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

457
citations

1163117

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1281871

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g-index

11
all docs

11
docs citations

11
times ranked

636
citing authors

#	ARTICLE	IF	CITATIONS
1	Robustness of structural superlubricity beyond rigid models. <i>Friction</i> , 2022, 10, 1382-1392.	6.4	5
2	Experimentally measuring weak fracture toughness anisotropy in graphene. <i>Communications Materials</i> , 2022, 3, .	6.9	15
3	Experimental nanomechanics of 2D materials for strain engineering. <i>Applied Nanoscience (Switzerland)</i> , 2021, 11, 1075-1091.	3.1	20
4	Pattern Development and Control of Strained Solitons in Graphene Bilayers. <i>Nano Letters</i> , 2021, 21, 1772-1777.	9.1	16
5	Strain Characterization in Two-Dimensional Crystals. <i>Materials</i> , 2021, 14, 4460.	2.9	7
6	Elastocapillary cleaning of twisted bilayer graphene interfaces. <i>Nature Communications</i> , 2021, 12, 5069.	12.8	19
7	Large-Size Superlattices Synthesized by Sequential Sulfur Substitution-Induced Transformation of Metastable MoTe_2 . <i>Chemistry of Materials</i> , 2021, 33, 9760-9768.	6.7	5
8	How Universal Is the Wetting Aging in 2D Materials. <i>Nano Letters</i> , 2020, 20, 5670-5677.	9.1	22
9	Elastic straining of free-standing monolayer graphene. <i>Nature Communications</i> , 2020, 11, 284.	12.8	194
10	Bending of Multilayer van der Waals Materials. <i>Physical Review Letters</i> , 2019, 123, 116101.	7.8	139
11	Edges facilitate water evaporation through nanoporous graphene. <i>Nanotechnology</i> , 2019, 30, 165401.	2.6	15