

# Shizhe Feng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9723760/publications.pdf>

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11  
papers

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citations

1163117

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1281871

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g-index

11  
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docs citations

11  
times ranked

636  
citing authors

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