

Alexey Falin

List of Publications by Year in descending order

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810
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical Properties of Atomically Thin Tungsten Dichalcogenides: WS_2 , WSe_2 , and WTe_2 . ACS Nano, 2021, 15, 2600-2610.	14.6	65
2	Layer-Dependent Mechanical Properties and Enhanced Plasticity in the Van der Waals Chromium Trihalide Magnets. Nano Letters, 2021, 21, 3379-3385.	9.1	31
3	End-of-Life Photovoltaic Recycled Silicon: A Sustainable Circular Materials Source for Electronic Industries. Advanced Energy and Sustainability Research, 2021, 2, 2100081.	5.8	9
4	Outstanding Thermal Conductivity of Single Atomic Layer Isotope-Modified Boron Nitride. Physical Review Letters, 2020, 125, 085902.	7.8	51
5	Two-Dimensional Van der Waals Heterostructures for Synergistically Improved Surface-Enhanced Raman Spectroscopy. ACS Applied Materials & Interfaces, 2020, 12, 21985-21991.	8.0	17
6	Atomically Thin Boron Nitride as an Ideal Spacer for Metal-Enhanced Fluorescence. ACS Nano, 2019, 13, 12184-12191.	14.6	24
7	High thermal conductivity of high-quality monolayer boron nitride and its thermal expansion. Science Advances, 2019, 5, eaav0129.	10.3	308
8	Additive-Free Nb_2O_5 - TiO_2 Hybrid Anode towards Low-Cost and Safe Lithium-Ion Batteries: A Green Electrode Material Produced in an Environmentally Friendly Process. Batteries and Supercaps, 2019, 2, 160-167.	4.7	9