

Alexey Falin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6739218/publications.pdf>

Version: 2024-02-01

8
papers

514
citations

1163117
8
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

810
citing authors

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