

Jiadong Dan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2502631/publications.pdf>

Version: 2024-02-01

18
papers

1,308
citations

623734

14
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

2425
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong Moiré Excitons in High-Angle Twisted Transition Metal Dichalcogenide Homobilayers with Robust Commensuration. <i>Nano Letters</i> , 2022, 22, 203-210.	9.1	12
2	Learning motifs and their hierarchies in atomic resolution microscopy. <i>Science Advances</i> , 2022, 8, eabk1005.	10.3	10
3	Unveiling Atomic-Scale Moiré Features and Atomic Reconstructions in High-Angle Commensurately Twisted Transition Metal Dichalcogenide Homobilayers. <i>Nano Letters</i> , 2021, 21, 3262-3270.	9.1	15
4	Engineering covalently bonded 2D layered materials by self-intercalation. <i>Nature</i> , 2020, 581, 171-177.	27.8	185
5	A machine perspective of atomic defects in scanning transmission electron microscopy. <i>Information Materials</i> , 2019, 1, 359-375.	17.3	37
6	Engineering and Modifying Two-Dimensional Materials via Electron Beams. <i>Microscopy and Microanalysis</i> , 2019, 25, 1474-1475.	0.4	0
7	Chemically Exfoliated VSe_2 Monolayers with Room-Temperature Ferromagnetism. <i>Advanced Materials</i> , 2019, 31, e1903779.	21.0	251
8	Growth of Nb-Doped Monolayer WS_2 by Liquid-Phase Precursor Mixing. <i>ACS Nano</i> , 2019, 13, 10768-10775.	14.6	102
9	Effects of precursor pre-treatment on the vapor deposition of WS_2 monolayers. <i>Nanoscale Advances</i> , 2019, 1, 953-960.	4.6	17
10	High-Energy Gain Upconversion in Monolayer Tungsten Disulfide Photodetectors. <i>Nano Letters</i> , 2019, 19, 5595-5603.	9.1	41
11	Phase-Controlled Synthesis of Monolayer Ternary Telluride with a Random Local Displacement of Tellurium Atoms. <i>Advanced Materials</i> , 2019, 31, e1900862.	21.0	51
12	Healing of Planar Defects in 2D Materials via Grain Boundary Sliding. <i>Advanced Materials</i> , 2019, 31, e1900237.	21.0	38
13	Edge Segregated Polymorphism in 2D Molybdenum Carbide. <i>Advanced Materials</i> , 2019, 31, e1808343.	21.0	56
14	Strain Modulation by van der Waals Coupling in Bilayer Transition Metal Dichalcogenide. <i>ACS Nano</i> , 2018, 12, 1940-1948.	14.6	51
15	Mo-Terminated Edge Reconstructions in Nanoporous Molybdenum Disulfide Film. <i>Nano Letters</i> , 2018, 18, 482-490.	9.1	105
16	Atom-by-Atom Fabrication of Monolayer Molybdenum Membranes. <i>Advanced Materials</i> , 2018, 30, e1707281.	21.0	66
17	Molecular-Beam Epitaxy of Two-Dimensional In_2Se_3 and Its Giant Electroresistance Switching in Ferroresistive Memory Junction. <i>Nano Letters</i> , 2018, 18, 6340-6346.	9.1	163
18	Ultrathin nickel boron oxide nanosheets assembled vertically on graphene: a new hybrid 2D material for enhanced photo/electro-catalysis. <i>Materials Horizons</i> , 2017, 4, 885-894.	12.2	108