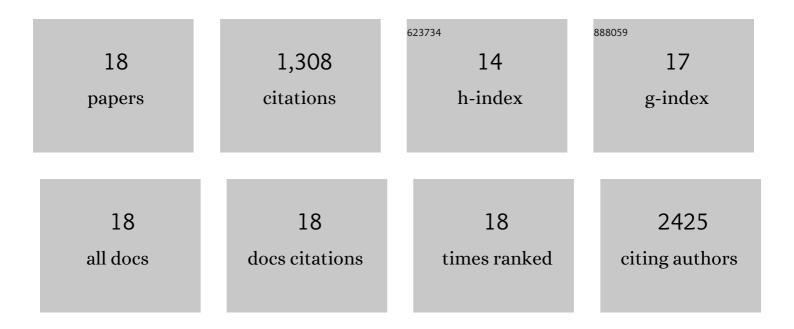
Jiadong Dan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2502631/publications.pdf Version: 2024-02-01



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