

Baojuan Dong

List of Publications by Year in descending order

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14
papers

1,214
citations

840776

11
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

2323
citing authors

#	ARTICLE	IF	CITATIONS
1	Valley manipulation in monolayer transition metal dichalcogenides and their hybrid systems: status and challenges. Reports on Progress in Physics, 2021, 84, 026401.	20.1	54
2	In-plane anisotropic electronics based on low-symmetry 2D materials: progress and prospects. Nanoscale Advances, 2020, 2, 109-139.	4.6	84
3	Dimer rattling mode induced low thermal conductivity in an excellent acoustic conductor. Nature Communications, 2020, 11, 5197.	12.8	27
4	Flattening is flattering: The revolutionizing 2D electronic systems*. Chinese Physics B, 2020, 29, 097307.	1.4	6
5	Room temperature ferromagnetism in ultra-thin van der Waals crystals of 1T-CrTe ₂ . Nano Research, 2020, 13, 3358-3363.	10.4	175
6	A FinFET with one atomic layer channel. Nature Communications, 2020, 11, 1205.	12.8	83
7	Gate tunable giant anisotropic resistance in ultra-thin GaTe. Nature Communications, 2019, 10, 2302.	12.8	72
8	The emerging ferroic orderings in two dimensions. Science China Information Sciences, 2019, 62, 1.	4.3	8
9	New two-dimensional phase of tin chalcogenides: Candidates for high-performance thermoelectric materials. Physical Review Materials, 2019, 3, .	2.4	44
10	Electric-field control of magnetism in a few-layered van der Waals ferromagnetic semiconductor. Nature Nanotechnology, 2018, 13, 554-559.	31.5	466
11	Deep-ultraviolet Raman scattering spectroscopy of monolayer WS ₂ . Scientific Reports, 2018, 8, 11398.	3.3	15
12	Control of Surface and Edge Oxidation on Phosphorene. ACS Applied Materials & Interfaces, 2017, 9, 9126-9135.	8.0	135
13	Stability and electronic properties of two-dimensional indium iodide. Physical Review B, 2017, 95, .	3.2	10
14	Interpreting core-level spectra of oxidizing phosphorene: Theory and experiment. Physical Review B, 2015, 92, .	3.2	35