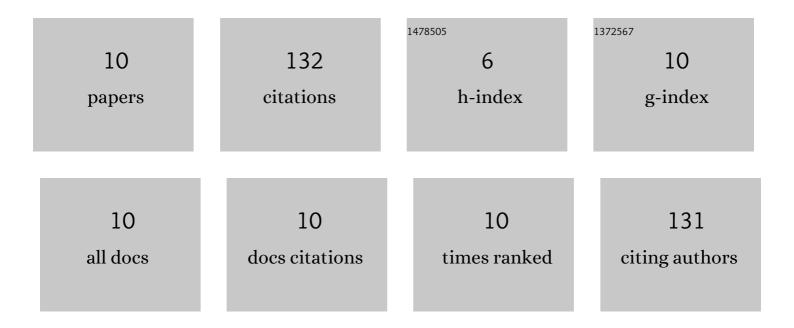
Shuai Duan

List of Publications by Year in descending order

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Shiiai Dhan

#	Article	IF	CITATIONS
1	Screening for new thermoelectric material: A semiconducting TaS3 with nanoporous structure. Journal of Materiomics, 2022, 8, 1031-1037.	5.7	1
2	Double-dome superconductivity in germanium phosphides. Journal of Materials Chemistry C, 2022, 10, 8617-8624.	5.5	2
3	Prediction of enhanced thermoelectric performance in two-dimensional black phosphorus nanosheets. Vacuum, 2021, 183, 109790.	3.5	10
4	Superior Conversion Efficiency Achieved in GeP ₃ /h-BN Heterostructures as Novel Flexible and Ultralight Thermoelectrics. ACS Applied Materials & Interfaces, 2021, 13, 18800-18808.	8.0	14
5	Enhanced strength of nano-polycrystalline diamond by introducing boron carbide interlayers at the grain boundaries. Nanoscale Advances, 2020, 2, 691-698.	4.6	7
6	Synthesis of Highly Stable One-Dimensional Black Phosphorus/h-BN Heterostructures: A Novel Flexible Electronic Platform. Chinese Physics Letters, 2020, 37, 076203.	3.3	8
7	Pressure-driven significant phonon mode softening and robust superconductivity in layered germanium phosphide. Journal of Materials Chemistry A, 2020, 8, 20054-20061.	10.3	17
8	Liquid phase exfoliation of bismuth nanosheets for flexible all-solid-state supercapacitors with high energy density. Journal of Materials Chemistry C, 2020, 8, 12314-12322.	5.5	19
9	Enhanced Thermoelectric Performance in Black Phosphorus Nanotubes by Band Modulation through Tailoring Nanotube Chirality. Small, 2020, 16, e2001820.	10.0	13
10	Ultrahigh Thermoelectric Performance Realized in Black Phosphorus System by Favorable Band Engineering through Group VA Doping. Advanced Functional Materials, 2019, 29, 1904346.	14.9	41