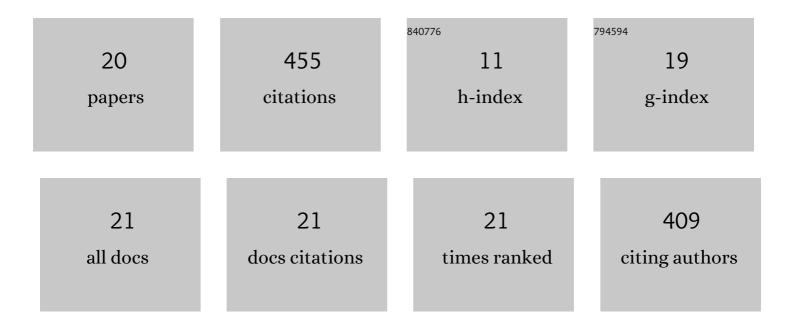
Zhuangfei Zhang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Pressure-induced photoluminescence enhancement and ambient retention in confined carbon dots. Nano Research, 2022, 15, 2545-2551.	10.4	26
2	Regulating Na deposition by constructing a Au sodiophilic interphase on CNT modified carbon cloth for flexible sodium metal anode. Journal of Colloid and Interface Science, 2022, 611, 317-326.	9.4	22
3	High-pressure high-temperature industrial preparation of micron-sized diamond single crystals with silicon-vacancy colour centres. International Journal of Refractory Metals and Hard Materials, 2022, 105, 105806.	3.8	9
4	Insight into faradaic mechanism of NiCo-CHH microspheres in high-performance Ni-Cu batteries. Scripta Materialia, 2022, 215, 114691.	5.2	34
5	Effect of Ni ₂ O ₃ on diamond crystal growth in an Fe–Ni–C system under high temperature and high pressure. CrystEngComm, 2021, 23, 2809-2815.	2.6	8
6	Robust VS ₄ @rGO nanocomposite as a high-capacity and long-life cathode material for aqueous zinc-ion batteries. Nanoscale, 2021, 13, 12370-12378.	5.6	45
7	Raman electronic effect for nonâ€destructive boron calibration in type IIb semiconducting diamond. Journal of Raman Spectroscopy, 2021, 52, 1446-1451.	2.5	3
8	Effects of Bi doping on thermoelectric properties of Cu2Se materials by high-pressure synthesis. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	9
9	Off-stoichiometry effects on the thermoelectric properties of Cu _{2+δ} Se (â^'0.1 ≤i>δ≤0.05) compounds synthesized by a high-pressure and high-temperature method. CrystEngComm, 2020, 22, 695-700.	2.6	7
10	Pressure-Induced Ultra-Broad-Band Emission of a Cs ₂ AgBiBr ₆ Perovskite Thin Film. Journal of Physical Chemistry C, 2020, 124, 1732-1738.	3.1	25
11	Synergistically enhanced sodium/potassium ion storage performance of SnSb alloy particles confined in three-dimensional carbon framework. Ionics, 2020, 26, 5019-5028.	2.4	23
12	Bi and Sn Co-doping Enhanced Thermoelectric Properties of Cu ₃ SbS ₄ Materials with Excellent Thermal Stability. ACS Applied Materials & Interfaces, 2020, 12, 8271-8279.	8.0	28
13	High Pressure and High Temperature Annealing of Ni-Containing, Nitrogen-rich Synthetic Diamonds and the Formation of NE8 Centers. Crystal Growth and Design, 2020, 20, 3257-3263.	3.0	10
14	In situ Raman study of nickel bicarbonate for high-performance energy storage device. Nano Energy, 2019, 64, 103919.	16.0	112
15	Si Doping Effects on the Growth of Large Single-Crystal Diamond in a Ni-Based Metal Catalyst System under High Pressure and High Temperature. Crystal Growth and Design, 2019, 19, 3955-3961.	3.0	21
16	An effective method to improve the growth rate of large single crystal diamonds under HPHT processes: optimized design of the catalyst geometric construction. RSC Advances, 2019, 9, 32205-32209.	3.6	6
17	Preparation of "natural―diamonds by HPHT annealing of synthetic diamonds. CrystEngComm, 2018, 20, 505-511.	2.6	30
18	Synthesis and characterization of HPHT large single-crystal diamonds under the simultaneous influence of oxygen and hydrogen. CrystEngComm, 2017, 19, 5727-5734.	2.6	26

#	Article	IF	CITATIONS
19	Effects of aluminum additive on diamond crystallization in the Fe-Ni-C system under high temperature and high pressure conditions. Science China: Physics, Mechanics and Astronomy, 2012, 55, 781-785.	5.1	10
20	Photoluminescence study of N-rich B-doped diamonds grown in NiMnCo solvent before and after annealing. CrystEngComm, 0, , .	2.6	1