

# Nan Wu

## List of Publications by Year in descending order

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17  
papers

991  
citations

759233

12  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1488  
citing authors

#	ARTICLE	IF	CITATIONS
1	In situ synthesis of graphitic-C <sub>3</sub> N <sub>4</sub> nanosheet hybridized N-doped TiO <sub>2</sub> nanofibers for efficient photocatalytic H <sub>2</sub> production and degradation. Nano Research, 2015, 8, 1199-1209.	10.4	292
2	A superhydrophobic coating harvesting mechanical robustness, passive anti-icing and active de-icing performances. Journal of Colloid and Interface Science, 2021, 590, 301-310.	9.4	128
3	Hierarchically porous SiC ultrathin fibers mat with enhanced mass transport, amphipathic property and high-temperature erosion resistance. Journal of Materials Chemistry A, 2014, 2, 20873-20881.	10.3	86
4	Mesoporous silicon carbide nanofibers with in situ embedded carbon for co-catalyst free photocatalytic hydrogen production. Nano Research, 2016, 9, 886-898.	10.4	85
5	Vertical SnO <sub>2</sub> nanosheet@SiC nanofibers with hierarchical architecture for high-performance gas sensors. Journal of Materials Chemistry C, 2016, 4, 295-304.	5.5	75
6	Electrospun interconnected Fe-N/C nanofiber networks as efficient electrocatalysts for oxygen reduction reaction in acidic media. Scientific Reports, 2015, 5, 17396.	3.3	65
7	Flexible and thermal-stable SiZrOC nanofiber membranes with low thermal conductivity at high-temperature. Journal of the European Ceramic Society, 2020, 40, 1877-1885.	5.7	56
8	Multi-phase SiZrOC nanofibers with outstanding flexibility and stability for thermal insulation up to 1400Å°C. Chemical Engineering Journal, 2021, 410, 128304.	12.7	38
9	General Strategy to Fabricate Porous Co-Based Bimetallic Metal Oxide Nanosheets for High-Performance CO Sensing. ACS Applied Materials & Interfaces, 2021, 13, 26318-26329.	8.0	36
10	Fabrication of hollow SiC ultrafine fibers by single-nozzle electrospinning for high-temperature thermal insulation application. Materials Letters, 2019, 239, 109-112.	2.6	33
11	Enhanced mechanical properties of amorphous Si<sc>OC</sc> nanofibrous membrane through in situ embedding nanoparticles. Journal of the American Ceramic Society, 2018, 101, 4763-4772.	3.8	30
12	Conversion of hydrophilic SiOC nanofibrous membrane to robust hydrophobic materials by introducing palladium. Applied Surface Science, 2017, 425, 750-757.	6.1	25
13	Micro-nano Ceramic Fibers for High Temperature Thermal Insulation. Wujì Cailiao Xuebao/Journal of Inorganic Materials, 2021, 36, 245.	1.3	11
14	Pt-decorated hierarchical SiC nanofibers constructed by intertwined SiC nanorods for high-temperature ammonia gas sensing. Journal of Materials Chemistry C, 2019, 7, 7299-7307.	5.5	10
15	Fabrication of Ni@SiC composite nanofibers by electrospinning and autocatalytic electroless plating techniques. Results in Physics, 2019, 12, 853-858.	4.1	10
16	Effect of annealing atmosphere with different oxygen concentration on CO gas sensing performances for CeO <sub>2</sub> nanoparticles. Materials Letters, 2021, 284, 129000.	2.6	6
17	In situ molten phase-assisted self-healing for maintaining fiber morphology during conversion from melamine diborate to boron nitride. RSC Advances, 2020, 10, 11105-11110.	3.6	5