

Nan Wu

List of Publications by Year in descending order

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17
papers

991
citations

759233

12
h-index

888059

17
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17
times ranked

1488
citing authors

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