

Tianze Cong

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

400
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

262
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface modification of helical carbon nanocoil (CNC) with N-doped and Co-anchored carbon layer for efficient microwave absorption. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 1894-1906.	9.4	26
2	A flexible tissue-like carbon nanocoil carbon nanotube-based humidity sensor with high performance and durability. <i>Nanoscale</i> , 2022, 14, 7025-7038.	5.6	19
3	Novel Wearable Pyrothermoelectric Hybrid Generator for Solar Energy Harvesting. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 17330-17339.	8.0	12
4	Flexible and Alternately Layered High-Loading Film Electrode based on 3D Carbon Nanocoils and PEDOT:PSS for High-Energy-Density Supercapacitor. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	40
5	Extremely sensitive and reusable surface-enhanced Raman scattering substrate based on 3D Ag-titanium dioxide nanowires. <i>Journal of Alloys and Compounds</i> , 2021, 859, 158389.	5.5	10
6	Tip-to-tip assembly of urchin-like Au nanostar at water-oil interface for surface-enhanced Raman spectroscopy detection. <i>Analytica Chimica Acta</i> , 2021, 1154, 338323.	5.4	8
7	Structural Engineering of Hierarchical Aerogels Comprised of Multi-dimensional Gradient Carbon Nanoarchitectures for Highly Efficient Microwave Absorption. <i>Nano-Micro Letters</i> , 2021, 13, 144.	27.0	122
8	All-fabric-based multifunctional textile sensor for detection and discrimination of humidity, temperature, and strain stimuli. <i>Journal of Materials Chemistry C</i> , 2021, 9, 13789-13798.	5.5	34
9	Reduced holey graphene oxide film and carbon nanotubes sandwich structure as a binder-free electrode material for supercapcitor. <i>Scientific Reports</i> , 2020, 10, 2315.	3.3	30
10	Growth of Carbon Nanocoils by Porous γ -Fe ₂ O ₃ /SnO ₂ Catalyst and Its Buckypaper for High Efficient Adsorption. <i>Nano-Micro Letters</i> , 2020, 12, 23.	27.0	49
11	Growth of black TiO ₂ nanowire/carbon fiber composites with dendritic structure for efficient visible-light-driven photocatalytic degradation of methylene blue. <i>Journal of Materials Science</i> , 2019, 54, 7576-7588.	3.7	18
12	A highly sensitive and wide-range pressure sensor based on a carbon nanocoil network fabricated by an electrophoretic method. <i>Journal of Materials Chemistry C</i> , 2017, 5, 11892-11900.	5.5	32