

# Song Jiang

## List of Publications by Year in descending order

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11  
papers

740  
citations

1040056

9  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

1162  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetics-Controlled Growth of Metallic Single-Wall Carbon Nanotubes from CoRe Nanoparticles. <i>ACS Nano</i> , 2022, 16, 232-240.	14.6	13
2	Preparation of isolated semiconducting single-wall carbon nanotubes by oxygen-assisted floating catalyst chemical vapor deposition. <i>Chemical Engineering Journal</i> , 2022, 450, 137861.	12.7	7
3	Ultrahigh thermal stability of carbon encapsulated Cu nanograin on a carbon nanotube scaffold. <i>Carbon</i> , 2021, 172, 712-719.	10.3	7
4	Semiconductor nanochannels in metallic carbon nanotubes by thermomechanical chirality alteration. <i>Science</i> , 2021, 374, 1616-1620.	12.6	32
5	Decoupling phonon and carrier scattering at carbon nanotube/Bi <sub>2</sub> Te <sub>3</sub> interfaces for improved thermoelectric performance. <i>Carbon</i> , 2020, 170, 191-198.	10.3	33
6	A Flexible and Infrared-Transparent Bi <sub>2</sub> Te <sub>3</sub> -Carbon Nanotube Thermoelectric Hybrid for both Active and Passive Cooling. <i>ACS Applied Electronic Materials</i> , 2020, 2, 3008-3016.	4.3	15
7	High-performance single-wall carbon nanotube transparent conductive films. <i>Journal of Materials Science and Technology</i> , 2019, 35, 2447-2462.	10.7	51
8	Flexible layer-structured Bi <sub>2</sub> Te <sub>3</sub> thermoelectric on a carbon nanotube scaffold. <i>Nature Materials</i> , 2019, 18, 62-68.	27.5	316
9	Ultrahigh-performance transparent conductive films of carbon-welded isolated single-wall carbon nanotubes. <i>Science Advances</i> , 2018, 4, eaap9264.	10.3	178
10	Continuous Fabrication of Meter-Scale Single-Wall Carbon Nanotube Films and their Use in Flexible and Transparent Integrated Circuits. <i>Advanced Materials</i> , 2018, 30, e1802057.	21.0	63
11	Carbon-encapsulated NiO nanoparticle decorated single-walled carbon nanotube thin films for binderless flexible electrodes of supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 24813-24819.	10.3	25