Yimin Yao

List of Publications by Year
in descending order

11 papers	1,692 citations	1040056 9 h-index	1372567 10 g-index
11 all docs	11 docs citations	11 times ranked	1586 citing authors

#	Article	IF	Citations
1	Iceâ€Templated Assembly Strategy to Construct 3D Boron Nitride Nanosheet Networks in Polymer Composites for Thermal Conductivity Improvement. Small, 2015, 11, 6205-6213.	10.0	473
2	Construction of 3D Skeleton for Polymer Composites Achieving a High Thermal Conductivity. Small, 2018, 14, e1704044.	10.0	295
3	Silver Nanoparticle-Deposited Boron Nitride Nanosheets as Fillers for Polymeric Composites with High Thermal Conductivity. Scientific Reports, 2016, 6, 19394.	3.3	184
4	Vertically Aligned and Interconnected SiC Nanowire Networks Leading to Significantly Enhanced Thermal Conductivity of Polymer Composites. ACS Applied Materials & Interfaces, 2018, 10, 9669-9678.	8.0	183
5	The effect of interfacial state on the thermal conductivity of functionalized Al2O3 filled glass fibers reinforced polymer composites. Composites Part A: Applied Science and Manufacturing, 2015, 69, 49-55.	7.6	159
6	Highly Thermally Conductive Composite Papers Prepared Based on the Thought of Bioinspired Engineering. ACS Applied Materials & Interfaces, 2016, 8, 15645-15653.	8.0	145
7	Achieving Significant Thermal Conductivity Enhancement via an Ice-Templated and Sintered BN-SiC Skeleton. ACS Applied Materials & Interfaces, 2020, 12, 2892-2902.	8.0	118
8	Highly Compressive Boron Nitride Nanotube Aerogels Reinforced with Reduced Graphene Oxide. ACS Nano, 2019, 13, 7402-7409.	14.6	115
9	Optimization of Effective Thermal Conductivity of Thermal Interface Materials Based on the Genetic Algorithm-Driven Random Thermal Network Model. ACS Applied Materials & Interfaces, 2021, 13, 45050-45058.	8.0	17
10	A Novel Method to Prepare Transparent, Flexible and Thermally Conductive Polyethylene/Boron Nitride Films. Nanomaterials, 2022, 12, 111.	4.1	3
11	Evaluation of Aging Performance of Thermal Gel Subjected to Laser Flash Tests. , 2021, , .		0