

Yimin Yao

List of Publications by Year in descending order

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