

Yang-Fei Zhang

List of Publications by Year in descending order

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22
papers

724
citations

758635

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940134

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docs citations

22
times ranked

1097
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal, Mechanical and Electrical Properties of Carbon Fiber Fabric and Graphene Reinforced Segmented Polyurethane Composites. <i>Nanomaterials</i> , 2021, 11, 1289.	1.9	3
2	Temperature effect on thermal, mechanical, and electrical properties of Ag nanoparticle filled thermoplastic polyurethane composites. <i>Polymer Composites</i> , 2021, 42, 5952-5961.	2.3	6
3	RGO-Coated Polyurethane Foam/Segmented Polyurethane Composites as Solid-Phase Change Thermal Interface Material. <i>Polymers</i> , 2020, 12, 3004.	2.0	15
4	Thermal, electrical and mechanical properties of graphene foam filled poly(methyl methacrylate) composite prepared by in situ polymerization. <i>Composites Part B: Engineering</i> , 2018, 135, 201-206.	5.9	53
5	Graphene nanosheets-filled epoxy composites prepared by a fast dispersion method. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45152.	1.3	25
6	Thermal conductivities of PU composites with graphene aerogels reduced by different methods. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017, 103, 161-167.	3.8	26
7	RGO/TPU composite with a segregated structure as thermal interface material. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017, 101, 108-114.	3.8	54
8	Thermal Conductivity of Graphene-Polymer Composites: Mechanisms, Properties, and Applications. <i>Polymers</i> , 2017, 9, 437.	2.0	283
9	In situ fast polymerization of graphene nanosheets-filled poly(methyl methacrylate) nanocomposites. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	5
10	Microstructure and viscoelastic behaviors of graphene/PMMA nanocomposites. , 2015, , .		0
11	Fluid flow and heat transfer characteristics of liquid cooling microchannels in LTCC multilayered packaging substrate. <i>International Journal of Heat and Mass Transfer</i> , 2015, 84, 339-345.	2.5	44
12	Simulation on heat transfer of microchannels and thermal vias for high power electronic packages. , 2014, , .		6
13	Improvement of Ni-Cr-Mo coating performance by laser cladding combined re-melting. <i>Applied Surface Science</i> , 2014, 308, 285-292.	3.1	34
14	Simulation on heat transfer of microchannels and thermal vias for high power electronic packages. , 2014, , .		0
15	Microstructures, mechanical properties and corrosion resistance of Hastelloy C22 coating produced by laser cladding. <i>Journal of Alloys and Compounds</i> , 2013, 553, 253-258.	2.8	82
16	Influence of different linkage groups in biphenyl mesogenic core on phase behaviors of mesogen-jacketed liquid crystalline polymers. <i>Journal of Polymer Science Part A</i> , 2013, 51, 2545-2554.	2.5	2
17	Viscoelastic properties of nanosilica-filled epoxy composites investigated by dynamic nanoindentation. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2009, 47, 1030-1038.	2.4	34
18	Microstructure and mechanical properties of an alumina-glass low temperature co-fired ceramic. <i>Journal of the European Ceramic Society</i> , 2009, 29, 1077-1082.	2.8	30

#	ARTICLE	IF	CITATIONS
19	Nanoscale mechanical properties and microstructure of 3D LTCC substrate. , 2009, , .		2
20	Microchannel water cooling for LTCC based microsystems. , 2009, , .		2
21	Study on the viscoelastic properties of the epoxy surface by means of nanodynamic mechanical analysis. Journal of Polymer Science, Part B: Polymer Physics, 2008, 46, 281-288.	2.4	18
22	The Effect of Cavities and Channels on the Strength of LTCC Substrate. , 2007, , .		0