Yang-Fei Zhang

List of Publications by Year
in descending order

22	724	758635 12	940134 16
papers	citations	h-index	g-index

22	22	22	1097
all docs	docs citations	times ranked	citing authors

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

#	ARTICLE	IF	CITATIONS
19	Influence of different linkage groups in biphenyl mesogenic core on phase behaviors of mesogenâ€jacketed liquid crystalline polymers. Journal of Polymer Science Part A, 2013, 51, 2545-2554.	2.5	2
20	The Effect of Cavities and Channels on the Strength of LTCC Substrate. , 2007, , .		0
21	Microstructure and viscoelastic behaviors of graphene/PMMA nanocomposites. , 2015, , .		0
22	Simulation on heat transfer of microchannels and thermal vias for high power electronic packages. , 2014, , .		0