

# Thermal conductivity of polymer-based composites: Fu

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Thermodynamics of stress-strain and thermal state of the metallopolymer tribosystems elements. , 2016, , .		0
3	Thermal conductivity enhancement of laser induced graphene foam upon P3HT infiltration. Applied Physics Letters, 2016, 109, .	3.3	24
4	Formation of thermally conductive networks in isotactic polypropylene/hexagonal boron nitride composites via "Bridge Effect" of multi-wall carbon nanotubes and graphene nanoplatelets. RSC Advances, 2016, 6, 98571-98580.	3.6	29
5	Decoration of defect-free graphene nanoplatelets with alumina for thermally conductive and electrically insulating epoxy composites. Composites Science and Technology, 2016, 137, 16-23.	7.8	110
6	Interfacial Engineering of Silicon Carbide Nanowire/Cellulose Microcrystal Paper toward High Thermal Conductivity. ACS Applied Materials & Interfaces, 2016, 8, 31248-31255.	8.0	139
7	Effect of processing conditions on the thermal and electrical conductivity of poly (butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 752 119, 124-132.	7.0	30
8	Expanded graphite/polydimethylsiloxane composites with high thermal conductivity. Journal of Applied Polymer Science, 2017, 134, .	2.6	26
9	Morphology and properties evolution upon ring-opening polymerization during extrusion of cyclic butylene terephthalate and graphene-related-materials into thermally conductive nanocomposites. European Polymer Journal, 2017, 89, 57-66.	5.4	7
10	Dispersion and network formation of graphene platelets in polystyrene composites and the resultant conductive properties. Composites Part A: Applied Science and Manufacturing, 2017, 96, 89-98.	7.6	51
11	Unveiling the impact of nanoparticle size dispersity on the behavior of polymer nanocomposites. Polymer, 2017, 113, 92-104.	3.8	32
12	In situ construction of pompon-like hydroxyapatite hybrid via interfacial self-assembly in polypropylene matrix. Composites Science and Technology, 2017, 142, 246-252.	7.8	13
13	In situ formation of a cellular graphene framework in thermoplastic composites leading to superior thermal conductivity. Journal of Materials Chemistry A, 2017, 5, 6164-6169.	10.3	149
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15	A Combination of Boron Nitride Nanotubes and Cellulose Nanofibers for the Preparation of a Nanocomposite with High Thermal Conductivity. ACS Nano, 2017, 11, 5167-5178.	14.6	407
16	Thermal transmittance in graphene based networks for polymer matrix composites. International Journal of Thermal Sciences, 2017, 117, 98-105.	4.9	26
17	A novel h-BN"RGO hybrids for epoxy resin composites achieving enhanced high thermal conductivity and energy density. RSC Advances, 2017, 7, 23355-23362.	3.6	50
18	A facile method to prepare flexible boron nitride/poly(vinyl alcohol) composites with enhanced thermal conductivity. Composites Science and Technology, 2017, 149, 41-47.	7.8	170
19	Enhanced dielectric permittivity and thermal conductivity of hexagonal boron nitride/poly(arylene) Tj ETQq1 1 0.784314 rgBT /Overlock 4.8 41 International, 2017, 43, 12109-12119.	4.8	41

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21	Preparation of Highly Thermally Conductive Polymer Composite at Low Filler Content via a Self-Assembly Process between Polystyrene Microspheres and Boron Nitride Nanosheets. ACS Applied Materials & Interfaces, 2017, 9, 19934-19944.	8.0	187
22	Simultaneous improvement in the flame resistance and thermal conductivity of epoxy/Al <sub>2</sub> O <sub>3</sub> composites by incorporating polymeric flame retardant-functionalized graphene. Journal of Materials Chemistry A, 2017, 5, 13544-13556.	10.3	148
23	Improved thermal and mechanical properties of aluminium oxide filled epoxy composites by reinforcing milled carbon fiber by partial replacement method. Journal of Materials Science: Materials in Electronics, 2017, 28, 13487-13495.	2.2	9
24	A comparative study on the effect of carbon fillers on electrical and thermal conductivity of a cyanate ester resin. Polymer Testing, 2017, 60, 293-298.	4.8	18
25	Polymer Composite with Improved Thermal Conductivity by Constructing a Hierarchically Ordered Three-Dimensional Interconnected Network of BN. ACS Applied Materials & Interfaces, 2017, 9, 13544-13553.	8.0	394
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37	Vertically Aligned and Interconnected Boron Nitride Nanosheets for Advanced Flexible Nanocomposite Thermal Interface Materials. ACS Applied Materials & Interfaces, 2017, 9, 30909-30917.	8.0	282

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39	New BN-epoxy composites obtained by thermal latent cationic curing with enhanced thermal conductivity. Composites Part A: Applied Science and Manufacturing, 2017, 103, 35-47.	7.6	38
40	Synergistic influence from the hybridization of boron nitride and graphene oxide nanosheets on the thermal conductivity and mechanical properties of polymer nanocomposites. Composites Science and Technology, 2017, 151, 252-257.	7.8	37
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