

Yongqiang Guo

List of Publications by Year in descending order

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times ranked

3927
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible and insulating silicone rubber composites with sandwich structure for thermal management and electromagnetic interference shielding. <i>Composites Science and Technology</i> , 2022, 219, 109253.	7.8	113
2	Hierarchically Multifunctional Polyimide Composite Films with Strongly Enhanced Thermal Conductivity. <i>Nano-Micro Letters</i> , 2022, 14, 26.	27.0	145
3	Significant Reduction of Interfacial Thermal Resistance and Phonon Scattering in Graphene/Polyimide Thermally Conductive Composite Films for Thermal Management. <i>Research</i> , 2021, 2021, 8438614.	5.7	82
4	Flexible thermally conductive and electrically insulating silicone rubber composite films with BNNS@Al ₂ O ₃ fillers. <i>Advanced Composites and Hybrid Materials</i> , 2021, 4, 36-50.	21.1	152
5	Lightweight, Flexible Cellulose-Derived Carbon Aerogel@Reduced Graphene Oxide/PDMS Composites with Outstanding EMI Shielding Performances and Excellent Thermal Conductivities. <i>Nano-Micro Letters</i> , 2021, 13, 91.	27.0	427
6	Nest-like hetero-structured BNNS@SiCnws fillers and significant improvement on thermal conductivities of epoxy composites. <i>Composites Part B: Engineering</i> , 2021, 210, 108666.	12.0	65
7	Liquid Crystalline Polyimide Films with High Intrinsic Thermal Conductivities and Robust Toughness. <i>Macromolecules</i> , 2021, 54, 4934-4944.	4.8	122
8	In-situ fabrication of hetero-structured fillers to significantly enhance thermal conductivities of silicone rubber composite films. <i>Composites Science and Technology</i> , 2021, 210, 108799.	7.8	55
9	Highly thermally conductive carbon nanotubes pillared exfoliated graphite/polyimide composites. <i>Npj Flexible Electronics</i> , 2021, 5, .	10.7	41
10	Improvement of thermal conductivities and simulation model for glass fabrics reinforced epoxy laminated composites via introducing hetero-structured BNN-30@BNNS fillers. <i>Journal of Materials Science and Technology</i> , 2021, 82, 239-249.	10.7	151
11	Multifunctional HDPE/CNTs/PW composite phase change materials with excellent thermal and electrical conductivities. <i>Journal of Materials Science and Technology</i> , 2021, 86, 171-179.	10.7	148
12	Controllable thermal conductivity in composites by constructing thermal conduction networks. <i>Materials Today Physics</i> , 2021, 20, 100449.	6.0	63
13	Synchronously improved electromagnetic interference shielding and thermal conductivity for epoxy nanocomposites by constructing 3D copper nanowires/thermally annealed graphene aerogel framework. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020, 128, 105670.	7.6	489
14	Enhanced thermal conductivities of epoxy nanocomposites via incorporating in-situ fabricated hetero-structured SiC-BNNS fillers. <i>Composites Science and Technology</i> , 2020, 187, 107944.	7.8	208
15	Highly Thermal Conductivities, Excellent Mechanical Robustness and Flexibility, and Outstanding Thermal Stabilities of Aramid Nanofiber Composite Papers with Nacre-Mimetic Layered Structures. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 1677-1686.	8.0	260
16	Interfacial thermal resistance in thermally conductive polymer composites: A review. <i>Composites Communications</i> , 2020, 22, 100518.	6.3	190
17	Factors affecting thermal conductivities of the polymers and polymer composites: A review. <i>Composites Science and Technology</i> , 2020, 193, 108134.	7.8	434
18	High-efficiency improvement of thermal conductivities for epoxy composites from synthesized liquid crystal epoxy followed by doping BN fillers. <i>Composites Part B: Engineering</i> , 2020, 185, 107784.	12.0	137

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19	Significant improvement of thermal conductivities for BNNS/PVA composite films via electrospinning followed by hot-pressing technology. <i>Composites Part B: Engineering</i> , 2019, 175, 107070.	12.0	207
20	Band Tunability of Coupled Elastic Waves along Thickness in Laminated Anisotropic Piezoelectric Phononic Crystals. <i>Crystals</i> , 2019, 9, 426.	2.2	5
21	Reduced Graphene Oxide Heterostructured Silver Nanoparticles Significantly Enhanced Thermal Conductivities in Hot-Pressed Electrospun Polyimide Nanocomposites. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 25465-25473.	8.0	277
22	Simultaneous improvement of thermal conductivities and electromagnetic interference shielding performances in polystyrene composites via constructing interconnection oriented networks based on electrospinning technology. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 124, 105484.	7.6	109
23	Constructing fully carbon-based fillers with a hierarchical structure to fabricate highly thermally conductive polyimide nanocomposites. <i>Journal of Materials Chemistry C</i> , 2019, 7, 7035-7044.	5.5	130
24	Enhanced thermal conductivities and decreased thermal resistances of functionalized boron nitride/polyimide composites. <i>Composites Part B: Engineering</i> , 2019, 164, 732-739.	12.0	311
25	A review on thermally conductive polymeric composites: classification, measurement, model and equations, mechanism and fabrication methods. <i>Advanced Composites and Hybrid Materials</i> , 2018, 1, 207-230.	21.1	260
26	Fabrication, proposed model and simulation predictions on thermally conductive hybrid cyanate ester composites with boron nitride fillers. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018, 107, 570-578.	7.6	99
27	Significantly enhanced and precisely modeled thermal conductivity in polyimide nanocomposites with chemically modified graphene <i>via in situ</i> polymerization and electrospinning-hot press technology. <i>Journal of Materials Chemistry C</i> , 2018, 6, 3004-3015.	5.5	360
28	Band Structures Analysis of Elastic Waves Propagating along Thickness Direction in Periodically Laminated Piezoelectric Composites. <i>Crystals</i> , 2018, 8, 351.	2.2	5
29	Aligned cellulose/nanodiamond plastics with high thermal conductivity. <i>Journal of Materials Chemistry C</i> , 2018, 6, 13108-13113.	5.5	46
30	Self-healing, recoverable epoxy elastomers and their composites with desirable thermal conductivities by incorporating BN fillers via in-situ polymerization. <i>Composites Science and Technology</i> , 2018, 164, 59-64.	7.8	264
31	Improved thermal conductivities in polystyrene nanocomposites by incorporating thermal reduced graphene oxide via electrospinning-hot press technique. <i>Composites Communications</i> , 2018, 10, 68-72.	6.3	117
32	Analysis of Bending Waves in Phononic Crystal Beams with Defects. <i>Crystals</i> , 2018, 8, 21.	2.2	18
33	Synergistic improvement of thermal conductivities of polyphenylene sulfide composites filled with boron nitride hybrid fillers. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017, 95, 267-273.	7.6	174
34	Ultralow dielectric, fluoride-containing cyanate ester resins with improved mechanical properties and high thermal and dimensional stabilities. <i>Journal of Materials Chemistry C</i> , 2017, 5, 6929-6936.	5.5	106
35	Improvement of thermal conductivities for PPS dielectric nanocomposites via incorporating NH ₂ -POSS functionalized nBN fillers. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017, 101, 237-242.	7.6	162
36	Dielectric thermally conductive boron nitride/polyimide composites with outstanding thermal stabilities via in-situ polymerization-electrospinning-hot press method. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017, 94, 209-216.	7.6	339

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37	Nanopolydopamine coupled fluorescent nanozinc oxide reinforced epoxy nanocomposites. Composites Part A: Applied Science and Manufacturing, 2017, 102, 126-136.	7.6	95
38	Novel reusable porous polyimide fibers for hot-oil adsorption. Journal of Hazardous Materials, 2017, 340, 67-76.	12.4	42
39	Highly thermally conductive POSS-g-SiCp/UHMWPE composites with excellent dielectric properties and thermal stabilities. Composites Part A: Applied Science and Manufacturing, 2015, 78, 95-101.	7.6	118
40	Guided wave propagation in multilayered piezoelectric structures. Science in China Series G: Physics, Mechanics and Astronomy, 2009, 52, 1094-1104.	0.2	43
41	The distribution and geological significance of carbazole compounds in Silurian paleo-pools of the Tarim Basin, Northwest China. Diqiu Huaxue, 2008, 27, 1-8.	0.5	1
42	On free wave propagation in anisotropic layered media. Acta Mechanica Solida Sinica, 2008, 21, 500-506.	1.9	15