

Junwei Gu

List of Publications by Year in descending order

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175
papers

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citations

3515

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all docs

176
docs citations

176
times ranked

9841
citing authors

#	ARTICLE	IF	CITATIONS
1	A mini-review of MXene porous films: Preparation, mechanism and application. Journal of Materials Science and Technology, 2022, 103, 42-49.	5.6	141
2	Discotic Liquid Crystal Epoxy Resins Integrating Intrinsic High Thermal Conductivity and Intrinsic Flame Retardancy. Macromolecular Rapid Communications, 2022, 43, e2100580.	2.0	50
3	Hybrid Polymer Membrane Functionalized PBO Fibers/Cyanate Esters Wave-Transparent Laminated Composites. Advanced Fiber Materials, 2022, 4, 520-531.	7.9	67
4	Flexible and insulating silicone rubber composites with sandwich structure for thermal management and electromagnetic interference shielding. Composites Science and Technology, 2022, 219, 109253.	3.8	113
5	Mechanically strong and folding-endurance Ti ₃ C ₂ T _x /MXene/PBO nanofiber films for efficient electromagnetic interference shielding and thermal management. , 2022, 4, 200-210.		82
6	Pressure-Induced Self-Interlocked Structures for Expanded Graphite Composite Papers Achieving Prominent EMI Shielding Effectiveness and Outstanding Thermal Conductivities. ACS Applied Materials & Interfaces, 2022, 14, 3233-3243.	4.0	63
7	High-Efficiency Electromagnetic Interference Shielding of rGO@FeNi/Epoxy Composites with Regular Honeycomb Structures. Nano-Micro Letters, 2022, 14, 51.	14.4	166
8	Flexible Ti ₃ C ₂ T _x /(Aramid Nanofiber/PVA) Composite Films for Superior Electromagnetic Interference Shielding. Research, 2022, 2022, 9780290.	2.8	38
9	Janus (BNNS/ANF)-(AgNWs/ANF) thermal conductivity composite films with superior electromagnetic interference shielding and Joule heating performances. Nano Research, 2022, 15, 4747-4755.	5.8	259
10	Multifunctional Wearable Silver Nanowire Decorated Leather Nanocomposites for Joule Heating, Electromagnetic Interference Shielding and Piezoresistive Sensing. Angewandte Chemie - International Edition, 2022, 61, .	7.2	272
11	Multifunctional Wearable Silver Nanowire Decorated Leather Nanocomposites for Joule Heating, Electromagnetic Interference Shielding and Piezoresistive Sensing. Angewandte Chemie, 2022, 134, .	1.6	95
12	Hierarchically Multifunctional Polyimide Composite Films with Strongly Enhanced Thermal Conductivity. Nano-Micro Letters, 2022, 14, 26.	14.4	145
13	A Perspective for Developing Polymer-Based Electromagnetic Interference Shielding Composites. Nano-Micro Letters, 2022, 14, 89.	14.4	139
14	MOF-derived CoNi@C-silver nanowires/cellulose nanofiber composite papers with excellent thermal management capability for outstanding electromagnetic interference shielding. Composites Science and Technology, 2022, 224, 109445.	3.8	72
15	Significantly improved interfacial properties and wave-transparent performance of PBO fibers/cyanate esters laminated composites via introducing a polydopamine/ZIF-8 hybrid membrane. Composites Science and Technology, 2022, 223, 109426.	3.8	24
16	Highly efficient thermal conductivity of polydimethylsiloxane composites via introducing a line-plane-like hetero-structured fillers. Composites Part A: Applied Science and Manufacturing, 2022, 157, 106911.	3.8	88
17	Multifunctional Ti ₃ C ₂ T _x -(Fe ₃ O ₄ /polyimide) composite films with Janus structure for outstanding electromagnetic interference shielding and superior visual thermal management. Nano Research, 2022, 15, 5601-5609.	5.8	196
18	Ordered Alignment of Liquid Crystalline Graphene Fluoride for Significantly Enhancing Thermal Conductivities of Liquid Crystalline Polyimide Composite Films. Macromolecules, 2022, 55, 4134-4145.	2.2	135

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19	New generation electromagnetic materials: harvesting instead of dissipation solo. Science Bulletin, 2022, 67, 1413-1415.	4.3	192
20	Random copolymer membrane coated PBO fibers with significantly improved interfacial adhesion for PBO fibers/cyanate ester composites. Chinese Journal of Aeronautics, 2021, 34, 659-668.	2.8	78
21	Intrinsic high thermal conductive liquid crystal epoxy film simultaneously combining with excellent intrinsic self-healing performance. Journal of Materials Science and Technology, 2021, 68, 209-215.	5.6	132
22	Polymer matrix wave-transparent composites: A review. Journal of Materials Science and Technology, 2021, 75, 225-251.	5.6	128
23	High thermal conductivity of liquid crystalline monomer-poly (vinyl alcohol) dispersion films containing microscopic-ordered structure. Journal of Applied Polymer Science, 2021, 138, 49791.	1.3	7
24	Significant Reduction of Interfacial Thermal Resistance and Phonon Scattering in Graphene/Polyimide Thermally Conductive Composite Films for Thermal Management. Research, 2021, 2021, 8438614.	2.8	82
25	Flexible thermally conductive and electrically insulating silicone rubber composite films with BNNS@Al ₂ O ₃ fillers. Advanced Composites and Hybrid Materials, 2021, 4, 36-50.	9.9	152
26	90% yield production of polymer nano-memristor for in-memory computing. Nature Communications, 2021, 12, 1984.	5.8	87
27	Lightweight, Flexible Cellulose-Derived Carbon Aerogel@Reduced Graphene Oxide/PDMS Composites with Outstanding EMI Shielding Performances and Excellent Thermal Conductivities. Nano-Micro Letters, 2021, 13, 91.	14.4	427
28	Ti ₃ C ₂ T _x /rGO porous composite films with superior electromagnetic interference shielding performances. Carbon, 2021, 175, 271-280.	5.4	201
29	MXenes for polymer matrix electromagnetic interference shielding composites: A review. Composites Communications, 2021, 24, 100653.	3.3	291
30	Nest-like hetero-structured BNNS@SiC _n s fillers and significant improvement on thermal conductivities of epoxy composites. Composites Part B: Engineering, 2021, 210, 108666.	5.9	65
31	Breaking Through Bottlenecks for Thermally Conductive Polymer Composites: A Perspective for Intrinsic Thermal Conductivity, Interfacial Thermal Resistance and Theoretics. Nano-Micro Letters, 2021, 13, 110.	14.4	132
32	Liquid Crystalline Polyimide Films with High Intrinsic Thermal Conductivities and Robust Toughness. Macromolecules, 2021, 54, 4934-4944.	2.2	122
33	UV etched random copolymer membrane coated PBO fibers/cyanate ester wave-transparent laminated composites. Composites Part B: Engineering, 2021, 212, 108680.	5.9	21
34	In-situ fabrication of hetero-structured fillers to significantly enhance thermal conductivities of silicone rubber composite films. Composites Science and Technology, 2021, 210, 108799.	3.8	55
35	Highly thermally conductive carbon nanotubes pillared exfoliated graphite/polyimide composites. Npj Flexible Electronics, 2021, 5, .	5.1	41
36	Polymer-based EMI shielding composites with 3D conductive networks: A mini-review. SusMat, 2021, 1, 413-431.	7.8	212

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37	Optimization of PBO fibers/cyanate ester wave-transparent laminated composites via incorporation of a fluoride-containing linear interfacial compatibilizer. <i>Composites Science and Technology</i> , 2021, 210, 108838.	3.8	24
38	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.	5.6	151
39	Liquid crystalline texture and hydrogen bond on the thermal conductivities of intrinsic thermal conductive polymer films. <i>Journal of Materials Science and Technology</i> , 2021, 82, 250-256.	5.6	68
40	Structural Design Strategies of Polymer Matrix Composites for Electromagnetic Interference Shielding: A Review. <i>Nano-Micro Letters</i> , 2021, 13, 181.	14.4	283
41	Liquid crystal epoxy resins with high intrinsic thermal conductivities and their composites: A mini-review. <i>Materials Today Physics</i> , 2021, 20, 100456.	2.9	93
42	Flexible Sandwich-Structured Electromagnetic Interference Shielding Nanocomposite Films with Excellent Thermal Conductivities. <i>Small</i> , 2021, 17, e2101951.	5.2	278
43	Controllable thermal conductivity in composites by constructing thermal conduction networks. <i>Materials Today Physics</i> , 2021, 20, 100449.	2.9	63
44	Robust Ti ₃ C ₂ T _x MXene/starch derived carbon foam composites for superior EMI shielding and thermal insulation. <i>Materials Today Physics</i> , 2021, 21, 100512.	2.9	90
45	Improving the comprehensive properties of PBO fibres/cyanate ester composites using a hyperbranched fluorine and epoxy containing PBO precursor. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021, 150, 106596.	3.8	19
46	Facile functionalization strategy of PBO fibres for synchronous improving the mechanical and wave-transparent properties of the PBO fibres/cyanate ester laminated composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021, 150, 106622.	3.8	29
47	Calcium-doped ceria hybrid coating functionalized PBO fibers with excellent UV resistance and improved interfacial compatibility with cyanate ester resins. <i>Applied Surface Science</i> , 2021, 569, 151124.	3.1	9
48	Cyanate ester resins toughened with epoxy-terminated and fluorine-containing polyaryletherketone. <i>Polymer Chemistry</i> , 2021, 12, 3753-3761.	1.9	29
49	Synchronously improved wave-transparent performance and mechanical properties of cyanate ester resins via introducing fluorine-containing linear random copolymer. <i>Advanced Composites and Hybrid Materials</i> , 2021, 4, 1166-1175.	9.9	16
50	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.	3.8	489
51	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.	3.8	208
52	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.	4.0	260
53	Fabrication and investigation on ternary heterogeneous MWCNT@TiO ₂ -C fillers and their silicone rubber wave-absorbing composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020, 129, 105714.	3.8	133
54	Multifunctional sponges with flexible motion sensing and outstanding thermal insulation for superior electromagnetic interference shielding. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020, 139, 106143.	3.8	122

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55	Interfacial thermal resistance in thermally conductive polymer composites: A review. <i>Composites Communications</i> , 2020, 22, 100518.	3.3	190
56	Superior wave-absorbing performances of silicone rubber composites via introducing covalently bonded SnO ₂ @MWCNT absorbent with encapsulation structure. <i>Composites Communications</i> , 2020, 22, 100486.	3.3	136
57	Lightweight and robust rGO/sugarcane derived hybrid carbon foams with outstanding EMI shielding performance. <i>Journal of Materials Science and Technology</i> , 2020, 52, 119-126.	5.6	286
58	Factors affecting thermal conductivities of the polymers and polymer composites: A review. <i>Composites Science and Technology</i> , 2020, 193, 108134.	3.8	434
59	Multifunctional Flexible Electromagnetic Interference Shielding Silver Nanowires/Cellulose Films with Excellent Thermal Management and Joule Heating Performances. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 18023-18031.	4.0	260
60	Ultraflexible and Mechanically Strong Double-Layered Aramid Nanofiber@Ti ₃ C ₂ T _x MXene/Silver Nanowire Nanocomposite Papers for High-Performance Electromagnetic Interference Shielding. <i>ACS Nano</i> , 2020, 14, 8368-8382.	7.3	566
61	Ultra-light MXene aerogel/wood-derived porous carbon composites with wall-like mortar/brick structures for electromagnetic interference shielding. <i>Science Bulletin</i> , 2020, 65, 616-622.	4.3	370
62	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.	5.9	137
63	Honeycomb structural rGO-MXene/epoxy nanocomposites for superior electromagnetic interference shielding performance. <i>Sustainable Materials and Technologies</i> , 2020, 24, e00153.	1.7	99
64	Fluorine/adamantane modified cyanate resins with wonderful interfacial bonding strength with PBO fibers. <i>Composites Part B: Engineering</i> , 2020, 186, 107827.	5.9	52
65	3D Shapeable, Superior Electrically Conductive Cellulose Nanofibers/Ti ₃ C ₂ T _x MXene Aerogels/Epoxy Nanocomposites for Promising EMI Shielding. <i>Research</i> , 2020, 2020, 4093732.	2.8	124
66	Enhanced wave-absorbing performances of silicone rubber composites by incorporating C-SnO ₂ -MWCNT absorbent with ternary heterostructure. <i>Ceramics International</i> , 2019, 45, 20282-20289.	2.3	50
67	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.	5.9	207
68	Superior electromagnetic interference shielding performances of epoxy composites by introducing highly aligned reduced graphene oxide films. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 124, 105512.	3.8	64
69	Improved wave-transparent performances and enhanced mechanical properties for fluoride-containing PBO precursor modified cyanate ester resins and their PBO fibers/cyanate ester composites. <i>Composites Part B: Engineering</i> , 2019, 178, 107466.	5.9	84
70	Fabrication and investigation on the ultra-thin and flexible Ti ₃ C ₂ T _x /co-doped polyaniline electromagnetic interference shielding composite films. <i>Composites Science and Technology</i> , 2019, 183, 107833.	3.8	192
71	Functionalized glass fibers cloth/spherical BN fillers/epoxy laminated composites with excellent thermal conductivities and electrical insulation properties. <i>Composites Communications</i> , 2019, 16, 5-10.	3.3	142
72	Superior electromagnetic interference shielding 3D graphene nanoplatelets/reduced graphene oxide foam/epoxy nanocomposites with high thermal conductivity. <i>Journal of Materials Chemistry C</i> , 2019, 7, 2725-2733.	2.7	342

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73	3D Ti3C2Tx MXene/C hybrid foam/epoxy nanocomposites with superior electromagnetic interference shielding performances and robust mechanical properties. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 123, 293-300.	3.8	172
74	High-Performance and Rapid-Response Electrical Heaters Based on Ultraflexible, Heat-Resistant, and Mechanically Strong Aramid Nanofiber/Ag Nanowire Nanocomposite Papers. <i>ACS Nano</i> , 2019, 13, 7578-7590.	7.3	319
75	Obviously improved electromagnetic interference shielding performances for epoxy composites via constructing honeycomb structural reduced graphene oxide. <i>Composites Science and Technology</i> , 2019, 181, 107698.	3.8	146
76	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.	4.0	277
77	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.	3.8	109
78	Highly oriented three-dimensional structures of Fe3O4 decorated CNTs/reduced graphene oxide foam/epoxy nanocomposites against electromagnetic pollution. <i>Composites Science and Technology</i> , 2019, 181, 107683.	3.8	157
79	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.	2.7	130
80	Fabrication on the annealed Ti3C2Tx MXene/Epoxy nanocomposites for electromagnetic interference shielding application. <i>Composites Part B: Engineering</i> , 2019, 171, 111-118.	5.9	326
81	Tunable and Processable Shape-Memory Materials Based on Solvent-Free, Catalyst-Free Polycondensation between Formaldehyde and Diamine at Room Temperature. <i>ACS Macro Letters</i> , 2019, 8, 582-587.	2.3	45
82	Hydrogen-Bond Driven Self-Assembly of Two-Dimensional Supramolecular Melamine-Cyanuric Acid Crystals and Its Self-Alignment in Polymer Composites for Enhanced Thermal Conduction. <i>ACS Applied Polymer Materials</i> , 2019, 1, 1291-1300.	2.0	31
83	Tissue-Engineered Trachea Consisting of Electrospun Patterned sc-PLA/GO-IL Fibrous Membranes with Antibacterial Property and 3D-Printed Skeletons with Elasticity. <i>Biomacromolecules</i> , 2019, 20, 1765-1776.	2.6	104
84	Fabrication and investigation on the PANI/MWCNT/thermally annealed graphene aerogel/epoxy electromagnetic interference shielding nanocomposites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 121, 265-272.	3.8	186
85	Recoverable and self-healing electromagnetic wave absorbing nanocomposites. <i>Composites Science and Technology</i> , 2019, 174, 27-32.	3.8	116
86	Engineering molecular interaction in polymeric hybrids: Effect of thermal linker and polymer chain structure on thermal conduction. <i>Composites Part B: Engineering</i> , 2019, 166, 509-515.	5.9	34
87	Redox gated polymer memristive processing memory unit. <i>Nature Communications</i> , 2019, 10, 736.	5.8	99
88	Constructing interconnected spherical hollow conductive networks in silver platelets/reduced graphene oxide foam/epoxy nanocomposites for superior electromagnetic interference shielding effectiveness. <i>Nanoscale</i> , 2019, 11, 22590-22598.	2.8	130
89	Fabrication and investigation on the Fe3O4/thermally annealed graphene aerogel/epoxy electromagnetic interference shielding nanocomposites. <i>Composites Science and Technology</i> , 2019, 169, 70-75.	3.8	224
90	Preparation and properties of cyanate-based wave-transparent laminated composites reinforced by dopamine/POSS functionalized Kevlar cloth. <i>Composites Science and Technology</i> , 2019, 169, 120-126.	3.8	128

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91	Electromagnetic interference shielding MWCNT-Fe ₃ O ₄ @Ag/epoxy nanocomposites with satisfactory thermal conductivity and high thermal stability. Carbon, 2019, 141, 506-514.	5.4	413
92	Enhanced thermal conductivities and decreased thermal resistances of functionalized boron nitride/polyimide composites. Composites Part B: Engineering, 2019, 164, 732-739.	5.9	311
93	Covalent Functionalization of Black Phosphorus with Conjugated Polymer for Information Storage. Angewandte Chemie - International Edition, 2018, 57, 4543-4548.	7.2	122
94	A review on thermally conductive polymeric composites: classification, measurement, model and equations, mechanism and fabrication methods. Advanced Composites and Hybrid Materials, 2018, 1, 207-230.	9.9	260
95	Covalent Functionalization of Black Phosphorus with Conjugated Polymer for Information Storage. Angewandte Chemie, 2018, 130, 4633-4638.	1.6	11
96	Volatile Organic Compound Gas-Sensing Properties of Bimodal Porous Fe ₂ O ₃ with Ultrahigh Sensitivity and Fast Response. ACS Applied Materials & Interfaces, 2018, 10, 13702-13711.	4.0	87
97	Fabrication and investigations on the polydopamine/KH-560 functionalized PBO fibers/cyanate ester wave-transparent composites. Composites Communications, 2018, 8, 36-41.	3.3	113
98	Fabrication, proposed model and simulation predictions on thermally conductive hybrid cyanate ester composites with boron nitride fillers. Composites Part A: Applied Science and Manufacturing, 2018, 107, 570-578.	3.8	99
99	Significantly enhanced and precisely modeled thermal conductivity in polyimide nanocomposites with chemically modified graphene via in situ polymerization and electrospinning-hot press technology. Journal of Materials Chemistry C, 2018, 6, 3004-3015.	2.7	360
100	Introducing advanced composites and hybrid materials. Advanced Composites and Hybrid Materials, 2018, 1, 1-5.	9.9	57
101	Thermal transport in polymeric materials and across composite interfaces. Applied Materials Today, 2018, 12, 92-130.	2.3	299
102	A superfast hexavalent chromium scavenger: Magnetic nanocarbon bridged nanomagnetite network with excellent recyclability. Journal of Hazardous Materials, 2018, 353, 166-172.	6.5	26
103	Preparation, properties of in situ silica modified styrene-butadiene rubber and its silica-filled composites. Polymer Composites, 2018, 39, 22-28.	2.3	13
104	Aligned cellulose/nanodiamond plastics with high thermal conductivity. Journal of Materials Chemistry C, 2018, 6, 13108-13113.	2.7	46
105	Graphene Shield by SiBCN Ceramic: A Promising High-Temperature Electromagnetic Wave-Absorbing Material with Oxidation Resistance. ACS Applied Materials & Interfaces, 2018, 10, 39307-39318.	4.0	181
106	Self-healing, recoverable epoxy elastomers and their composites with desirable thermal conductivities by incorporating BN fillers via in-situ polymerization. Composites Science and Technology, 2018, 164, 59-64.	3.8	264
107	Synchronously improved dielectric and mechanical properties of wave-transparent laminated composites combined with outstanding thermal stability by incorporating isozyme/POSS functionalized PBO fibers. Journal of Materials Chemistry C, 2018, 6, 7652-7660.	2.7	97
108	Improved thermal conductivities in polystyrene nanocomposites by incorporating thermal reduced graphene oxide via electrospinning-hot press technique. Composites Communications, 2018, 10, 68-72.	3.3	117

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109	Ultralight, highly compressible and fire-retardant graphene aerogel with self-adjustable electromagnetic wave absorption. <i>Carbon</i> , 2018, 139, 1126-1135.	5.4	340
110	Improved Thermal Stabilities, Ablation and Mechanical Properties for Carbon Fibers/Phenolic Resins Laminated Composites Modified by Silicon-containing Polyborazine. <i>Engineered Science</i> , 2018, , .	1.2	18
111	Design and multibody dynamics analyses of the novel force-bearing structures for variable configuration spacecraft. <i>Science and Engineering of Composite Materials</i> , 2017, 24, 471-476.	0.6	0
112	High char yield novolac modified by Si-B-N-C precursor: Thermal stability and structural evolution. <i>Polymer Degradation and Stability</i> , 2017, 137, 184-196.	2.7	34
113	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.	3.8	174
114	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.	2.7	106
115	Indacenodithiophene: a promising building block for high performance polymer solar cells. <i>Journal of Materials Chemistry A</i> , 2017, 5, 10798-10814.	5.2	85
116	Hyperbranched polyborosilazane and boron nitride modified cyanate ester composite with low dielectric loss and desirable thermal conductivity. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2017, 24, 784-790.	1.8	93
117	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.	3.8	162
118	A low loading of grafted thermoplastic polystyrene strengthens and toughens transparent epoxy composites. <i>Journal of Materials Chemistry C</i> , 2017, 5, 4275-4285.	2.7	64
119	Development of wave-transparent, light-weight composites combined with superior dielectric performance and desirable thermal stabilities. <i>Composites Science and Technology</i> , 2017, 144, 185-192.	3.8	111
120	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.	3.8	339
121	Highly thermally conductive flame-retardant epoxy nanocomposites with reduced ignitability and excellent electrical conductivities. <i>Composites Science and Technology</i> , 2017, 139, 83-89.	3.8	356
122	Polyaniline Assisted Uniform Dispersion for Magnetic Ultrafine Barium Ferrite Nanorods Reinforced Epoxy Metacomposites with Tailorable Negative Permittivity. <i>Journal of Physical Chemistry C</i> , 2017, 121, 13265-13273.	1.5	41
123	Enhanced thermal stabilities and char yields of carbon fibers reinforced boron containing novolac phenolic resins composites. <i>Journal of Polymer Research</i> , 2017, 24, 1.	1.2	17
124	Nanopolydopamine coupled fluorescent nanozinc oxide reinforced epoxy nanocomposites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017, 102, 126-136.	3.8	95
125	Recyclable cross-linked hydroxythioether particles with tunable structures via robust and efficient thiol-epoxy dispersion polymerizations. <i>RSC Advances</i> , 2017, 7, 51763-51772.	1.7	24
126	Hexagonal boron nitride/polymethyl-vinyl siloxane rubber dielectric thermally conductive composites with ideal thermal stabilities. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017, 92, 27-32.	3.8	171

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127	Fabrication and Characterization of Electrospun Dopants/PS Composite Fibers with Porous and Hollow Pore Structures. <i>Macromolecular Materials and Engineering</i> , 2016, 301, 625-635.	1.7	6
128	An overview of multifunctional epoxy nanocomposites. <i>Journal of Materials Chemistry C</i> , 2016, 4, 5890-5906.	2.7	360
129	Ideal dielectric thermally conductive bismaleimide nanocomposites filled with polyhedral oligomeric silsesquioxane functionalized nanosized boron nitride. <i>RSC Advances</i> , 2016, 6, 35809-35814.	1.7	154
130	Synthesis and characterization of aryl boron-containing thermoplastic phenolic resin with high thermal decomposition temperature and char yield. <i>Journal of Polymer Research</i> , 2016, 23, 1.	1.2	12
131	Lowly loaded carbon nanotubes induced high electrical conductivity and giant magnetoresistance in ethylene/1-octene copolymers. <i>Polymer</i> , 2016, 103, 315-327.	1.8	69
132	Synthesis of Cyanate Ester Microcapsules via Solvent Evaporation Technique and Its Application in Epoxy Resins as a Healing Agent. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 10941-10946.	1.8	103
133	Fabrication of modified bismaleimide resins by hyperbranched phenyl polysiloxane and improvement of their thermal conductivities. <i>RSC Advances</i> , 2016, 6, 57357-57362.	1.7	17
134	Fabrication and properties of BADCy modified by epoxy-capped polyhedral oligomeric silsesquioxane. <i>Journal of Elastomers and Plastics</i> , 2016, 48, 182-191.	0.7	3
135	Functionalized graphite nanoplatelets/epoxy resin nanocomposites with high thermal conductivity. <i>International Journal of Heat and Mass Transfer</i> , 2016, 92, 15-22.	2.5	321
136	Fabrication and Properties of Thermally Conductive Epoxy Resin Nanocomposites Filled with GNP/PNBRs Hybrid Fillers. <i>Science of Advanced Materials</i> , 2016, 8, 972-979.	0.1	11
137	Highly soluble and thermally stable copolyimides modified with trifluoromethyl and siloxane. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	8
138	Preparation of POSS/Quartz fibers/cyanate ester resins laminated composites. <i>Polymer Composites</i> , 2015, 36, 2017-2021.	2.3	20
139	Fabrication of novel wave-transparent HMPBO fibre/BADCy laminated composites. <i>RSC Advances</i> , 2015, 5, 37768-37773.	1.7	23
140	Highly thermally conductive POSS-g-SiCp/UHMWPE composites with excellent dielectric properties and thermal stabilities. <i>Composites Part A: Applied Science and Manufacturing</i> , 2015, 78, 95-101.	3.8	118
141	High thermal conductivity graphite nanoplatelet/UHMWPE nanocomposites. <i>RSC Advances</i> , 2015, 5, 36334-36339.	1.7	194
142	Water-borne thiol-isocyanate click chemistry in microfluidics: rapid and energy-efficient preparation of uniform particles. <i>Polymer Chemistry</i> , 2015, 6, 4366-4373.	1.9	27
143	Fast magnetic-field-induced formation of one-dimensional structured chain-like materials via sintering of Fe ₃ O ₄ /poly(styrene-co-n-butyl acrylate-co-acrylic acid) hybrid microspheres. <i>RSC Advances</i> , 2015, 5, 28735-28742.	1.7	9
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