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List of PR Articles by Year in descending order

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195

PR articles

29,763

PR citations

961

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3246

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31240

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1485

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citing authors

#	ARTICLE	IF	PR CITATIONS
1	Shape Anisotropic Chain-Like CoNi/Polydimethylsiloxane Composite Films with Excellent Low-Frequency Microwave Absorption and High Thermal Conductivity. <i>Advanced Functional Materials</i> , 2025, 35, .	17.0	228
2	Electromagnetic Interference Shielding Films: Structure Design and Prospects. <i>Small Methods</i> , 2025, 9, .	9.0	28
3	Heterostructured BN@Co@C Endowing Polyester Composites Excellent Thermal Conductivity and Microwave Absorption at C Band. <i>Advanced Functional Materials</i> , 2024, 34, .	17.0	470
4	Highly Thermally Conductive Aramid Nanofiber Composite Films with Synchronous Visible/Infrared Camouflages and Information Encryption. <i>Angewandte Chemie</i> , 2024, 136, .	1.4	25
5	Highly Thermally Conductive Aramid Nanofiber Composite Films with Synchronous Visible/Infrared Camouflages and Information Encryption. <i>Angewandte Chemie - International Edition</i> , 2024, 63, .	14.4	150
6	Research progress on spherical carbon-based electromagnetic wave absorbing composites. <i>Carbon</i> , 2024, 227, 119244.	10.7	97
7	Advances in 3D printing for polymer composites: A review. <i>Informa-Materially</i> , 2024, 6, .	20.9	222
8	Robust Solid-Phase Change Coating Encapsulated Glass Fiber Fabric with Electromagnetic Interference Shielding for Thermal Management and Message Encryption. <i>Advanced Functional Materials</i> , 2024, 34, .	17.0	99
9	Excellent Low-Frequency Microwave Absorption and High Thermal Conductivity in Polydimethylsiloxane Composites Endowed by Hydrangea-Like CoNi@BN Heterostructure Fillers. <i>Advanced Materials</i> , 2024, 36, .	24.5	355
10	Fabrication, applications, and prospects for poly(p-phenylene benzobisoxazole) nanofibers. <i>SusMat</i> , 2024, 4, .	19.6	34
11	Multifunctional Thermally Conductive Composite Films Based on Fungal Tree-Like Heterostructured Silver Nanowires@Boron Nitride Nanosheets and Aramid Nanofibers. <i>Angewandte Chemie</i> , 2023, 135, .	1.4	61
12	Multifunctional Thermally Conductive Composite Films Based on Fungal Tree-Like Heterostructured Silver Nanowires@Boron Nitride Nanosheets and Aramid Nanofibers. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	14.4	234
13	Controlled Distributed Ti ₃ C ₂ T _x Hollow Microspheres on Thermally Conductive Polyimide Composite Films for Excellent Electromagnetic Interference Shielding. <i>Advanced Materials</i> , 2023, 35, .	24.5	674
14	Electric-Field-Induced Alignment of Functionalized Carbon Nanotubes Inside Thermally Conductive Liquid Crystalline Polyimide Composite Films. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	14.4	192
15	Electric-Field-Induced Alignment of Functionalized Carbon Nanotubes Inside Thermally Conductive Liquid Crystalline Polyimide Composite Films. <i>Angewandte Chemie</i> , 2023, 135, .	1.4	43
16	External field-assisted techniques for polymer matrix composites with electromagnetic interference shielding. <i>Science Bulletin</i> , 2023, 68, 1938-1953.	9.6	165
17	Polyacrylonitrile nanofiber reinforced polyimide composite aerogels with fiber-pore interpenetrating structures for sound absorption, air filtration and thermal insulation. <i>Composites Science and Technology</i> , 2023, 244, 110275.	8.8	67
18	Recent Advances of MXene-Based Optical Functional Materials. <i>Advanced Photonics Research</i> , 2023, 4, .	3.5	89

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19	Effect of the Structure of Epoxy Monomers and Curing Agents: Toward Making Intrinsically Highly Thermally Conductive and Low-Dielectric Epoxy Resins. <i>Jacs Au</i> , 2023, 3, 3424-3435.	6.5	119
20	Low dielectric constant and highly intrinsic thermal conductivity fluorine-containing epoxy resins with ordered liquid crystal structures. <i>SusMat</i> , 2023, 3, 877-893.	19.6	141
21	A mini-review of MXene porous films: Preparation, mechanism and application. <i>Journal of Materials Science and Technology</i> , 2022, 103, 42-49.	13.6	232
22	Discotic Liquid Crystal Epoxy Resins Integrating Intrinsic High Thermal Conductivity and Intrinsic Flame Retardancy. <i>Macromolecular Rapid Communications</i> , 2022, 43, .	4.1	86
23	Hybrid Polymer Membrane Functionalized PBO Fibers/Cyanate Esters Wave-Transparent Laminated Composites. <i>Advanced Fiber Materials</i> , 2022, 4, 520-531.	19.1	100
24	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.	8.8	204
25	Mechanically strong and folding-endurance Ti_3C_2Tx MXene/PBO nanofiber films for efficient electromagnetic interference shielding and thermal management. , 2022, 4, 200-210.		172
26	Pressure-Induced Self-Interlocked Structures for Expanded Graphite Composite Papers Achieving Prominent EMI Shielding Effectiveness and Outstanding Thermal Conductivities. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 3233-3243.	8.0	86
27	High-Efficiency Electromagnetic Interference Shielding of $rGO@FeNi$ /Epoxy Composites with Regular Honeycomb Structures. <i>Nano-Micro Letters</i> , 2022, 14, .	30.2	246
28	Flexible Ti_3C_2Tx	7.9	48
29	Janus (BNNS/ANF)-(AgNWs/ANF) thermal conductivity composite films with superior electromagnetic interference shielding and Joule heating performances. <i>Nano Research</i> , 2022, 15, 4747-4755.	8.6	392
30	Multifunctional Wearable Silver Nanowire Decorated Leather Nanocomposites for Joule Heating, Electromagnetic Interference Shielding and Piezoresistive Sensing. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	14.4	471
31	Multifunctional Wearable Silver Nanowire Decorated Leather Nanocomposites for Joule Heating, Electromagnetic Interference Shielding and Piezoresistive Sensing. <i>Angewandte Chemie</i> , 2022, 134, .	1.4	167
32	MOF-derived $CoNi@C$ -silver nanowires/cellulose nanofiber composite papers with excellent thermal management capability for outstanding electromagnetic interference shielding. <i>Composites Science and Technology</i> , 2022, 224, 109445.	8.8	132
33	Significantly improved interfacial properties and wave-transparent performance of PBO fibers/cyanate esters laminated composites via introducing a polydopamine/ZIF-8 hybrid membrane. <i>Composites Science and Technology</i> , 2022, 223, 109426.	8.8	46
34	Highly efficient thermal conductivity of polydimethylsiloxane composites via introducing α -Line-Plane-like hetero-structured fillers. <i>Composites Part A: Applied Science and Manufacturing</i> , 2022, 157, 106911.	8.2	136
35	Multifunctional Ti_3C_2Tx -(Fe_3O_4 /polyimide) composite films with Janus structure for outstanding electromagnetic interference shielding and superior visual thermal management. <i>Nano Research</i> , 2022, 15, 5601-5609.	8.6	285
36	Ordered Alignment of Liquid Crystalline Graphene Fluoride for Significantly Enhancing Thermal Conductivities of Liquid Crystalline Polyimide Composite Films. <i>Macromolecules</i> , 2022, 55, 4134-4145.	5.0	203

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37	New generation electromagnetic materials: harvesting instead of dissipation solo. Science Bulletin, 2022, 67, 1413-1415.	9.6	261
38	Enhanced Thermal Conductivities of Liquid Crystal Polyesters from Controlled Structure of Molecular Chains by Introducing Different Dicarboxylic Acid Monomers. Research, 2022, 2022, .	7.9	31
39	Flexible and Robust Ti ₃ C ₂ T _x /(ANF@FeNi) Composite Films with Outstanding Electromagnetic Interference Shielding and Electrothermal Conversion Performances. Small Structures, 2022, 3, .	11.1	62
40	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.	4.8	99
41	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.	13.6	178
42	Polymer matrix wave-transparent composites: A review. Journal of Materials Science and Technology, 2021, 75, 225-251.	13.6	228
43	High thermal conductivity of liquid crystalline monomer-poly (vinyl alcohol) dispersion films containing microscopic ordered structure. Journal of Applied Polymer Science, 2021, 138, .	2.7	12
44	Significant Reduction of Interfacial Thermal Resistance and Phonon Scattering in Graphene/Polyimide Thermally Conductive Composite Films for Thermal Management. Research, 2021, 2021, .	7.9	120
45	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.	19.8	209
46	90% yield production of polymer nano-memristor for in-memory computing. Nature Communications, 2021, 12, .	13.9	183
47	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, .	30.2	606
48	Ti ₃ C ₂ T _x /rGO porous composite films with superior electromagnetic interference shielding performances. Carbon, 2021, 175, 271-280.	10.7	260
49	MXenes for polymer matrix electromagnetic interference shielding composites: A review. Composites Communications, 2021, 24, 100653.	6.8	375
50	Nest-like hetero-structured BNNS@SiCnws fillers and significant improvement on thermal conductivities of epoxy composites. Composites Part B: Engineering, 2021, 210, 108666.	12.8	104
51	Liquid Crystalline Polyimide Films with High Intrinsic Thermal Conductivities and Robust Toughness. Macromolecules, 2021, 54, 4934-4944.	5.0	193
52	UV etched random copolymer membrane coated PBO fibers/cyanate ester wave-transparent laminated composites. Composites Part B: Engineering, 2021, 212, 108680.	12.8	46
53	In-situ fabrication of hetero-structured fillers to significantly enhance thermal conductivities of silicone rubber composite films. Composites Science and Technology, 2021, 210, 108799.	8.8	72
54	Highly thermally conductive carbon nanotubes pillared exfoliated graphite/polyimide composites. Npj Flexible Electronics, 2021, 5, .	13.9	59

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55	Polymer-based EMI shielding composites with 3D conductive networks: A mini-review. <i>SusMat</i> , 2021, 1, 413-431.	19.6	322
56	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.	8.8	34
57	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.	13.6	204
58	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.	13.6	111
59	Structural Design Strategies of Polymer Matrix Composites for Electromagnetic Interference Shielding: A Review. <i>Nano-Micro Letters</i> , 2021, 13, .	30.2	509
60	Liquid crystal epoxy resins with high intrinsic thermal conductivities and their composites: A mini-review. <i>Materials Today Physics</i> , 2021, 20, 100456.	6.1	154
61	Flexible Sandwich-Structured Electromagnetic Interference Shielding Nanocomposite Films with Excellent Thermal Conductivities. <i>Small</i> , 2021, 17, .	11.6	406
62	Controllable thermal conductivity in composites by constructing thermal conduction networks. <i>Materials Today Physics</i> , 2021, 20, 100449.	6.1	86
63	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.	6.1	117
64	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.	8.2	33
65	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.	8.2	53
66	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.	6.7	27
67	Cyanate ester resins toughened with epoxy-terminated and fluorine-containing polyaryletherketone. <i>Polymer Chemistry</i> , 2021, 12, 3753-3761.	3.9	50
68	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.	19.8	25
69	Hierarchically Multifunctional Polyimide Composite Films with Strongly Enhanced Thermal Conductivity. <i>Nano-Micro Letters</i> , 2021, 14, .	30.2	204
70	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.	8.2	573
71	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.	8.8	261
72	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	352

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73	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.	8.2	152
74	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.	8.2	140
75	Interfacial thermal resistance in thermally conductive polymer composites: A review. <i>Composites Communications</i> , 2020, 22, 100518.	6.8	325
76	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.	6.8	156
77	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.	13.6	341
78	Factors affecting thermal conductivities of the polymers and polymer composites: A review. <i>Composites Science and Technology</i> , 2020, 193, 108134.	8.8	746
79	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.	8.0	335
80	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.	15.3	820
81	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.	9.6	516
82	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.	12.8	187
83	Honeycomb structural rGO-MXene/epoxy nanocomposites for superior electromagnetic interference shielding performance. <i>Sustainable Materials and Technologies</i> , 2020, 24, e00153.	3.8	126
84	Fluorine/adamantane modified cyanate resins with wonderful interfacial bonding strength with PBO fibers. <i>Composites Part B: Engineering</i> , 2020, 186, 107827.	12.8	74
85	3D Shapeable, Superior Electrically Conductive Cellulose Nanofibers/Ti ₃ C ₂ T _x Nanocomposites	7.9	165
86	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.	5.4	60
87	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.	12.8	255
88	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.	8.2	79
89	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.	12.8	120
90	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.	8.8	266

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91	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.	6.8	171
92	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.	5.1	402
93	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.	8.2	234
94	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.	15.3	427
95	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.	8.8	165
96	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	325
97	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.	8.2	137
98	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.	8.8	190
99	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.	5.1	154
100	Fabrication on the annealed Ti3C2Tx MXene/Epoxy nanocomposites for electromagnetic interference shielding application. <i>Composites Part B: Engineering</i> , 2019, 171, 111-118.	12.8	454
101	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.	5.0	62
102	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.	4.6	39
103	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.	5.2	122
104	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.	8.2	220
105	Recoverable and self-healing electromagnetic wave absorbing nanocomposites. <i>Composites Science and Technology</i> , 2019, 174, 27-32.	8.8	149
106	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.	12.8	50
107	Redox gated polymer memristive processing memory unit. <i>Nature Communications</i> , 2019, 10, .	13.9	148
108	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.	5.0	160

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109	Fabrication and investigation on the Fe ₃ O ₄ /thermally annealed graphene aerogel/epoxy electromagnetic interference shielding nanocomposites. <i>Composites Science and Technology</i> , 2019, 169, 70-75.	8.8	257
110	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.	8.8	158
111	Electromagnetic interference shielding MWCNT-Fe ₃ O ₄ @Ag/epoxy nanocomposites with satisfactory thermal conductivity and high thermal stability. <i>Carbon</i> , 2019, 141, 506-514.	10.7	489
112	Enhanced thermal conductivities and decreased thermal resistances of functionalized boron nitride/polyimide composites. <i>Composites Part B: Engineering</i> , 2019, 164, 732-739.	12.8	373
113	Covalent Functionalization of Black Phosphorus with Conjugated Polymer for Information Storage. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4543-4548.	14.4	148
114	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.	19.8	344
115	Covalent Functionalization of Black Phosphorus with Conjugated Polymer for Information Storage. <i>Angewandte Chemie</i> , 2018, 130, 4633-4638.	1.4	12
116	Volatile Organic Compound Gas-Sensing Properties of Bimodal Porous Fe ₂ O ₃ with Ultrahigh Sensitivity and Fast Response. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 13702-13711.	8.0	109
117	Fabrication and investigations on the polydopamine/KH-560 functionalized PBO fibers/cyanate ester wave-transparent composites. <i>Composites Communications</i> , 2018, 8, 36-41.	6.8	123
118	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.	8.2	110
119	Significantly enhanced and precisely modeled thermal conductivity in polyimide nanocomposites with chemically modified graphene via in situ polymerization and electrospinning-hot press technology. <i>Journal of Materials Chemistry C</i> , 2018, 6, 3004-3015.	5.1	401
120	Thermal transport in polymeric materials and across composite interfaces. <i>Applied Materials Today</i> , 2018, 12, 92-130.	3.9	411
121	A superfast hexavalent chromium scavenger: Magnetic nanocarbon bridged nanomagnetite network with excellent recyclability. <i>Journal of Hazardous Materials</i> , 2018, 353, 166-172.	12.5	30
122	Preparation, properties of in situ silica modified styrene-butadiene rubber and its silica filled composites. <i>Polymer Composites</i> , 2018, 39, 22-28.	5.0	19
123	Aligned cellulose/nanodiamond plastics with high thermal conductivity. <i>Journal of Materials Chemistry C</i> , 2018, 6, 13108-13113.	5.1	54
124	Graphene Shield by SiBCN Ceramic: A Promising High-Temperature Electromagnetic Wave-Absorbing Material with Oxidation Resistance. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 39307-39318.	8.0	231
125	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.	8.8	312
126	Synchronously improved dielectric and mechanical properties of wave-transparent laminated composites combined with outstanding thermal stability by incorporating isozyme/POSS functionalized PBO fibers. <i>Journal of Materials Chemistry C</i> , 2018, 6, 7652-7660.	5.1	110

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127	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.	6.8	131
128	Ultralight, highly compressible and fire-retardant graphene aerogel with self-adjustable electromagnetic wave absorption. <i>Carbon</i> , 2018, 139, 1126-1135.	10.7	421
129	Improved Thermal Stabilities, Ablation and Mechanical Properties for Carbon Fibers/Phenolic Resins Laminated Composites Modified by Silicon-containing Polyborazine. <i>Engineered Science</i> , 2018, , .	2.0	21
130	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.	1.3	1
131	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.	7.1	38
132	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.	8.2	208
133	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.	5.1	120
134	Indacenodithiophene: a promising building block for high performance polymer solar cells. <i>Journal of Materials Chemistry A</i> , 2017, 5, 10798-10814.	9.3	101
135	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.	2.4	101
136	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.	8.2	181
137	A low loading of grafted thermoplastic polystyrene strengthens and toughens transparent epoxy composites. <i>Journal of Materials Chemistry C</i> , 2017, 5, 4275-4285.	5.1	81
138	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.	8.8	137
139	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.	8.2	400
140	Highly thermally conductive flame-retardant epoxy nanocomposites with reduced ignitability and excellent electrical conductivities. <i>Composites Science and Technology</i> , 2017, 139, 83-89.	8.8	391
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