

# Junwei Gu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5168197/publications.pdf>

Version: 2024-02-01

175  
papers

21,350  
citations

3531

90  
h-index

9589

142  
g-index

176  
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.	10.7	141
2	Discotic Liquid Crystal Epoxy Resins Integrating Intrinsic High Thermal Conductivity and Intrinsic Flame Retardancy. Macromolecular Rapid Communications, 2022, 43, e2100580.	3.9	50
3	Hybrid Polymer Membrane Functionalized PBO Fibers/Cyanate Esters Wave-Transparent Laminated Composites. Advanced Fiber Materials, 2022, 4, 520-531.	16.1	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.	7.8	113
5	Mechanically strong and foldingâ€endurance Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> 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.	8.0	63
7	High-Efficiency Electromagnetic Interference Shielding of rGO@FeNi/Epoxy Composites with Regular Honeycomb Structures. Nano-Micro Letters, 2022, 14, 51.	27.0	166
8	Flexible Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> /(Aramid Nanofiber/PVA) Composite Films for Superior Electromagnetic Interference Shielding. Research, 2022, 2022, 9780290.	5.7	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.	10.4	259
10	Multifunctional Wearable Silver Nanowire Decorated Leather Nanocomposites for Joule Heating, Electromagnetic Interference Shielding and Piezoresistive Sensing. Angewandte Chemie - International Edition, 2022, 61, .	13.8	272
11	Multifunctional Wearable Silver Nanowire Decorated Leather Nanocomposites for Joule Heating, Electromagnetic Interference Shielding and Piezoresistive Sensing. Angewandte Chemie, 2022, 134, .	2.0	95
12	Hierarchically Multifunctional Polyimide Composite Films with Strongly Enhanced Thermal Conductivity. Nano-Micro Letters, 2022, 14, 26.	27.0	145
13	A Perspective for Developing Polymer-Based Electromagnetic Interference Shielding Composites. Nano-Micro Letters, 2022, 14, 89.	27.0	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.	7.8	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.	7.8	24
16	Highly efficient thermal conductivity of polydimethylsiloxane composites via introducing â€œLine-Planeâ€like hetero-structured fillers. Composites Part A: Applied Science and Manufacturing, 2022, 157, 106911.	7.6	88
17	Multifunctional Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> -(Fe <sub>3</sub> O <sub>4</sub> /polyimide) composite films with Janus structure for outstanding electromagnetic interference shielding and superior visual thermal management. Nano Research, 2022, 15, 5601-5609.	10.4	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.	4.8	135

#	ARTICLE	IF	CITATIONS
19	New generation electromagnetic materials: harvesting instead of dissipation solo. Science Bulletin, 2022, 67, 1413-1415.	9.0	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.	5.3	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.	10.7	132
22	Polymer matrix wave-transparent composites: A review. Journal of Materials Science and Technology, 2021, 75, 225-251.	10.7	128
23	High thermal conductivity of liquid crystalline monomer-epoxy (vinyl alcohol) dispersion films containing microscopic-ordered structure. Journal of Applied Polymer Science, 2021, 138, 49791.	2.6	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.	5.7	82
25	Flexible thermally conductive and electrically insulating silicone rubber composite films with BNNS@Al <sub>2</sub> O <sub>3</sub> fillers. Advanced Composites and Hybrid Materials, 2021, 4, 36-50.	21.1	152
26	90% yield production of polymer nano-memristor for in-memory computing. Nature Communications, 2021, 12, 1984.	12.8	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.	27.0	427
28	Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> /rGO porous composite films with superior electromagnetic interference shielding performances. Carbon, 2021, 175, 271-280.	10.3	201
29	MXenes for polymer matrix electromagnetic interference shielding composites: A review. Composites Communications, 2021, 24, 100653.	6.3	291
30	Nest-like hetero-structured BNNS@SiC <sub>n</sub> s fillers and significant improvement on thermal conductivities of epoxy composites. Composites Part B: Engineering, 2021, 210, 108666.	12.0	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.	27.0	132
32	Liquid Crystalline Polyimide Films with High Intrinsic Thermal Conductivities and Robust Toughness. Macromolecules, 2021, 54, 4934-4944.	4.8	122
33	UV etched random copolymer membrane coated PBO fibers/cyanate ester wave-transparent laminated composites. Composites Part B: Engineering, 2021, 212, 108680.	12.0	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.	7.8	55
35	Highly thermally conductive carbon nanotubes pillared exfoliated graphite/polyimide composites. Npj Flexible Electronics, 2021, 5, .	10.7	41
36	Polymer-based EMI shielding composites with 3D conductive networks: A mini-review. SusMat, 2021, 1, 413-431.	14.9	212

#	ARTICLE	IF	CITATIONS
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.	7.8	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.	10.7	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.	10.7	68
40	Structural Design Strategies of Polymer Matrix Composites for Electromagnetic Interference Shielding: A Review. <i>Nano-Micro Letters</i> , 2021, 13, 181.	27.0	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.	6.0	93
42	Flexible Sandwich-Structured Electromagnetic Interference Shielding Nanocomposite Films with Excellent Thermal Conductivities. <i>Small</i> , 2021, 17, e2101951.	10.0	278
43	Controllable thermal conductivity in composites by constructing thermal conduction networks. <i>Materials Today Physics</i> , 2021, 20, 100449.	6.0	63
44	Robust Ti3C2Tx MXene/starch derived carbon foam composites for superior EMI shielding and thermal insulation. <i>Materials Today Physics</i> , 2021, 21, 100512.	6.0	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.	7.6	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.	7.6	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.	6.1	9
48	Cyanate ester resins toughened with epoxy-terminated and fluorine-containing polyaryletherketone. <i>Polymer Chemistry</i> , 2021, 12, 3753-3761.	3.9	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.	21.1	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.	7.6	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.	7.8	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 &amp; Interfaces</i> , 2020, 12, 1677-1686.	8.0	260
53	Fabrication and investigation on ternary heterogeneous MWCNT@TiO2-C fillers and their silicone rubber wave-absorbing composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020, 129, 105714.	7.6	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.	7.6	122

#	ARTICLE	IF	CITATIONS
55	Interfacial thermal resistance in thermally conductive polymer composites: A review. <i>Composites Communications</i> , 2020, 22, 100518.	6.3	190
56	Superior wave-absorbing performances of silicone rubber composites via introducing covalently bonded SnO <sub>2</sub> @MWCNT absorbent with encapsulation structure. <i>Composites Communications</i> , 2020, 22, 100486.	6.3	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.	10.7	286
58	Factors affecting thermal conductivities of the polymers and polymer composites: A review. <i>Composites Science and Technology</i> , 2020, 193, 108134.	7.8	434
59	Multifunctional Flexible Electromagnetic Interference Shielding Silver Nanowires/Cellulose Films with Excellent Thermal Management and Joule Heating Performances. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 18023-18031.	8.0	260
60	Ultraflexible and Mechanically Strong Double-Layered Aramid Nanofiber@Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene/Silver Nanowire Nanocomposite Papers for High-Performance Electromagnetic Interference Shielding. <i>ACS Nano</i> , 2020, 14, 8368-8382.	14.6	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.	9.0	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.	12.0	137
63	Honeycomb structural rGO-MXene/epoxy nanocomposites for superior electromagnetic interference shielding performance. <i>Sustainable Materials and Technologies</i> , 2020, 24, e00153.	3.3	99
64	Fluorine/adamantane modified cyanate resins with wonderful interfacial bonding strength with PBO fibers. <i>Composites Part B: Engineering</i> , 2020, 186, 107827.	12.0	52
65	3D Shapeable, Superior Electrically Conductive Cellulose Nanofibers/Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene Aerogels/Epoxy Nanocomposites for Promising EMI Shielding. <i>Research</i> , 2020, 2020, 4093732.	5.7	124
66	Enhanced wave-absorbing performances of silicone rubber composites by incorporating C-SnO <sub>2</sub> -MWCNT absorbent with ternary heterostructure. <i>Ceramics International</i> , 2019, 45, 20282-20289.	4.8	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.	12.0	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.	7.6	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.	12.0	84
70	Fabrication and investigation on the ultra-thin and flexible Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> /co-doped polyaniline electromagnetic interference shielding composite films. <i>Composites Science and Technology</i> , 2019, 183, 107833.	7.8	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.	6.3	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.	5.5	342

#	ARTICLE	IF	CITATIONS
73	3D Ti3C2Tx MXene/C hybrid foam/epoxy nanocomposites with superior electromagnetic interference shielding performances and robust mechanical properties. Composites Part A: Applied Science and Manufacturing, 2019, 123, 293-300.	7.6	172
74	High-Performance and Rapid-Response Electrical Heaters Based on Ultraflexible, Heat-Resistant, and Mechanically Strong Aramid Nanofiber/Ag Nanowire Nanocomposite Papers. ACS Nano, 2019, 13, 7578-7590.	14.6	319
75	Obviously improved electromagnetic interference shielding performances for epoxy composites via constructing honeycomb structural reduced graphene oxide. Composites Science and Technology, 2019, 181, 107698.	7.8	146
76	Reduced Graphene Oxide Heterostructured Silver Nanoparticles Significantly Enhanced Thermal Conductivities in Hot-Pressed Electrospun Polyimide Nanocomposites. ACS Applied Materials & Interfaces, 2019, 11, 25465-25473.	8.0	277
77	Simultaneous improvement of thermal conductivities and electromagnetic interference shielding performances in polystyrene composites via constructing interconnection oriented networks based on electrospinning technology. Composites Part A: Applied Science and Manufacturing, 2019, 124, 105484.	7.6	109
78	Highly oriented three-dimensional structures of Fe3O4 decorated CNTs/reduced graphene oxide foam/epoxy nanocomposites against electromagnetic pollution. Composites Science and Technology, 2019, 181, 107683.	7.8	157
79	Constructing fully carbon-based fillers with a hierarchical structure to fabricate highly thermally conductive polyimide nanocomposites. Journal of Materials Chemistry C, 2019, 7, 7035-7044.	5.5	130
80	Fabrication on the annealed Ti3C2Tx MXene/Epoxy nanocomposites for electromagnetic interference shielding application. Composites Part B: Engineering, 2019, 171, 111-118.	12.0	326
81	Tunable and Processable Shape-Memory Materials Based on Solvent-Free, Catalyst-Free Polycondensation between Formaldehyde and Diamine at Room Temperature. ACS Macro Letters, 2019, 8, 582-587.	4.8	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. ACS Applied Polymer Materials, 2019, 1, 1291-1300.	4.4	31
83	Tissue-Engineered Trachea Consisting of Electrospun Patterned sc-PLA/GO-IL Fibrous Membranes with Antibacterial Property and 3D-Printed Skeletons with Elasticity. Biomacromolecules, 2019, 20, 1765-1776.	5.4	104
84	Fabrication and investigation on the PANI/MWCNT/thermally annealed graphene aerogel/epoxy electromagnetic interference shielding nanocomposites. Composites Part A: Applied Science and Manufacturing, 2019, 121, 265-272.	7.6	186
85	Recoverable and self-healing electromagnetic wave absorbing nanocomposites. Composites Science and Technology, 2019, 174, 27-32.	7.8	116
86	Engineering molecular interaction in polymeric hybrids: Effect of thermal linker and polymer chain structure on thermal conduction. Composites Part B: Engineering, 2019, 166, 509-515.	12.0	34
87	Redox gated polymer memristive processing memory unit. Nature Communications, 2019, 10, 736.	12.8	99
88	Constructing interconnected spherical hollow conductive networks in silver platelets/reduced graphene oxide foam/epoxy nanocomposites for superior electromagnetic interference shielding effectiveness. Nanoscale, 2019, 11, 22590-22598.	5.6	130
89	Fabrication and investigation on the Fe3O4/thermally annealed graphene aerogel/epoxy electromagnetic interference shielding nanocomposites. Composites Science and Technology, 2019, 169, 70-75.	7.8	224
90	Preparation and properties of cyanate-based wave-transparent laminated composites reinforced by dopamine/POSS functionalized Kevlar cloth. Composites Science and Technology, 2019, 169, 120-126.	7.8	128



#	ARTICLE	IF	CITATIONS
91	Electromagnetic interference shielding MWCNT-Fe <sub>3</sub> O <sub>4</sub> @Ag/epoxy nanocomposites with satisfactory thermal conductivity and high thermal stability. Carbon, 2019, 141, 506-514.	10.3	413
92	Enhanced thermal conductivities and decreased thermal resistances of functionalized boron nitride/polyimide composites. Composites Part B: Engineering, 2019, 164, 732-739.	12.0	311
93	Covalent Functionalization of Black Phosphorus with Conjugated Polymer for Information Storage. Angewandte Chemie - International Edition, 2018, 57, 4543-4548.	13.8	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.	21.1	260
95	Covalent Functionalization of Black Phosphorus with Conjugated Polymer for Information Storage. Angewandte Chemie, 2018, 130, 4633-4638.	2.0	11
96	Volatile Organic Compound Gas-Sensing Properties of Bimodal Porous $\text{Fe}_2\text{O}_3$ with Ultrahigh Sensitivity and Fast Response. ACS Applied Materials & Interfaces, 2018, 10, 13702-13711.	8.0	87
97	Fabrication and investigations on the polydopamine/KH-560 functionalized PBO fibers/cyanate ester wave-transparent composites. Composites Communications, 2018, 8, 36-41.	6.3	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.	7.6	99
99	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. Journal of Materials Chemistry C, 2018, 6, 3004-3015.	5.5	360
100	Introducing advanced composites and hybrid materials. Advanced Composites and Hybrid Materials, 2018, 1, 1-5.	21.1	57
101	Thermal transport in polymeric materials and across composite interfaces. Applied Materials Today, 2018, 12, 92-130.	4.3	299
102	A superfast hexavalent chromium scavenger: Magnetic nanocarbon bridged nanomagnetite network with excellent recyclability. Journal of Hazardous Materials, 2018, 353, 166-172.	12.4	26
103	Preparation, properties of <i>in situ</i> silica modified styrene-butadiene rubber and its silica-filled composites. Polymer Composites, 2018, 39, 22-28.	4.6	13
104	Aligned cellulose/nanodiamond plastics with high thermal conductivity. Journal of Materials Chemistry C, 2018, 6, 13108-13113.	5.5	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.	8.0	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.	7.8	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.	5.5	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.	6.3	117

#	ARTICLE	IF	CITATIONS
109	Ultralight, highly compressible and fire-retardant graphene aerogel with self-adjustable electromagnetic wave absorption. Carbon, 2018, 139, 1126-1135.	10.3	340
110	Improved Thermal Stabilities, Ablation and Mechanical Properties for Carbon Fibers/Phenolic Resins Laminated Composites Modified by Silicon-containing Polyborazine. Engineered Science, 2018, , .	2.3	18
111	Design and multibody dynamics analyses of the novel force-bearing structures for variable configuration spacecraft. Science and Engineering of Composite Materials, 2017, 24, 471-476.	1.4	0
112	High char yield novolac modified by Si-B-N-C precursor: Thermal stability and structural evolution. Polymer Degradation and Stability, 2017, 137, 184-196.	5.8	34
113	Synergistic improvement of thermal conductivities of polyphenylene sulfide composites filled with boron nitride hybrid fillers. Composites Part A: Applied Science and Manufacturing, 2017, 95, 267-273.	7.6	174
114	Ultralow dielectric, fluoride-containing cyanate ester resins with improved mechanical properties and high thermal and dimensional stabilities. Journal of Materials Chemistry C, 2017, 5, 6929-6936.	5.5	106
115	Indacenodithiophene: a promising building block for high performance polymer solar cells. Journal of Materials Chemistry A, 2017, 5, 10798-10814.	10.3	85
116	Hyperbranched polyborosilazane and boron nitride modified cyanate ester composite with low dielectric loss and desirable thermal conductivity. IEEE Transactions on Dielectrics and Electrical Insulation, 2017, 24, 784-790.	2.9	93
117	Improvement of thermal conductivities for PPS dielectric nanocomposites via incorporating NH <sub>2</sub> -POSS functionalized nBN fillers. Composites Part A: Applied Science and Manufacturing, 2017, 101, 237-242.	7.6	162
118	A low loading of grafted thermoplastic polystyrene strengthens and toughens transparent epoxy composites. Journal of Materials Chemistry C, 2017, 5, 4275-4285.	5.5	64
119	Development of wave-transparent, light-weight composites combined with superior dielectric performance and desirable thermal stabilities. Composites Science and Technology, 2017, 144, 185-192.	7.8	111
120	Dielectric thermally conductive boron nitride/polyimide composites with outstanding thermal stabilities via in-situ polymerization-electrospinning-hot press method. Composites Part A: Applied Science and Manufacturing, 2017, 94, 209-216.	7.6	339
121	Highly thermally conductive flame-retardant epoxy nanocomposites with reduced ignitability and excellent electrical conductivities. Composites Science and Technology, 2017, 139, 83-89.	7.8	356
122	Polyaniline Assisted Uniform Dispersion for Magnetic Ultrafine Barium Ferrite Nanorods Reinforced Epoxy Metacomposites with Tailorable Negative Permittivity. Journal of Physical Chemistry C, 2017, 121, 13265-13273.	3.1	41
123	Enhanced thermal stabilities and char yields of carbon fibers reinforced boron containing novolac phenolic resins composites. Journal of Polymer Research, 2017, 24, 1.	2.4	17
124	Nanopolydopamine coupled fluorescent nanozinc oxide reinforced epoxy nanocomposites. Composites Part A: Applied Science and Manufacturing, 2017, 102, 126-136.	7.6	95
125	Recyclable cross-linked hydroxythioether particles with tunable structures via robust and efficient thiol-epoxy dispersion polymerizations. RSC Advances, 2017, 7, 51763-51772.	3.6	24
126	Hexagonal boron nitride/polymethyl-vinyl siloxane rubber dielectric thermally conductive composites with ideal thermal stabilities. Composites Part A: Applied Science and Manufacturing, 2017, 92, 27-32.	7.6	171



#	ARTICLE	IF	CITATIONS
127	Fabrication and Characterization of Electrospun Dopants/PS Composite Fibers with Porous and Hollowâ€Porous Structures. <i>Macromolecular Materials and Engineering</i> , 2016, 301, 625-635.	3.6	6
128	An overview of multifunctional epoxy nanocomposites. <i>Journal of Materials Chemistry C</i> , 2016, 4, 5890-5906.	5.5	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.	3.6	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.	2.4	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.	3.8	69
132	Synthesis of Cyanate Ester Microcapsules via Solvent Evaporation Technique and Its Application in Epoxy Resins as a Healing Agent. <i>Industrial &amp; Engineering Chemistry Research</i> , 2016, 55, 10941-10946.	3.7	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.	3.6	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.	1.5	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.	4.8	321
136	Fabrication and Properties of Thermally Conductive Epoxy Resin Nanocomposites Filled with <math>SiO_2</math>/GNPs/PNBRs Hybrid Fillers. <i>Science of Advanced Materials</i> , 2016, 8, 972-979.	0.7	11
137	Highly soluble and thermally stable copolyimides modified with trifluoromethyl and siloxane. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	8
138	Preparation of POSS/Quartz fibers/cyanate ester resins laminated composites. <i>Polymer Composites</i> , 2015, 36, 2017-2021.	4.6	20
139	Fabrication of novel wave-transparent HMPBO fibre/BADCy laminated composites. <i>RSC Advances</i> , 2015, 5, 37768-37773.	3.6	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.	7.6	118
141	High thermal conductivity graphite nanoplatelet/UHMWPE nanocomposites. <i>RSC Advances</i> , 2015, 5, 36334-36339.	3.6	194
142	Water-borne thiolâ€isocyanate click chemistry in microfluidics: rapid and energy-efficient preparation of uniform particles. <i>Polymer Chemistry</i> , 2015, 6, 4366-4373.	3.9	27
143	Fast magnetic-field-induced formation of one-dimensional structured chain-like materials via sintering of Fe <sub>3</sub> O <sub>4</sub> /poly(styrene-co-n-butyl acrylate-co-acrylic acid) hybrid microspheres. <i>RSC Advances</i> , 2015, 5, 28735-28742.	3.6	9
144	Humidity Sensing Property of NaClâ€Added Mesoporous Silica Synthesized by a Facile Way with Low Energy Cost. <i>International Journal of Applied Ceramic Technology</i> , 2015, 12, 169-175.	2.1	11

#	ARTICLE	IF	CITATIONS
145	Synthesis and characterization of branched phenylethynyl-terminated polyimides. Journal of Polymer Research, 2015, 22, 1.	2.4	13
146	Enhanced thermal conductivity of SiCp/PS composites by electrospinning a "hot press technique. Composites Part A: Applied Science and Manufacturing, 2015, 79, 8-13.	7.6	96
147	Advanced Aromatic Polymers with Excellent Antiatomic Oxygen Performance Derived from Molecular Precursor Strategy and Copolymerization of Polyhedral Oligomeric Silsesquioxane. ACS Applied Materials & Interfaces, 2015, 7, 20144-20155.	8.0	47
148	Thiol- isocyanate click reaction in a Pickering emulsion: a rapid and efficient route to encapsulation of healing agents. Polymer Chemistry, 2015, 6, 7100-7111.	3.9	36
149	Surface functionalization of HMPBO fibers with MSA/KH550/GlycidylEthyl POSS and improved interfacial adhesion. Polymer Composites, 2014, 35, 611-616.	4.6	46
150	Thermal percolation behavior of graphene nanoplatelets/polyphenylene sulfide thermal conductivity composites. Polymer Composites, 2014, 35, 1087-1092.	4.6	113
151	Fast and facile fabrication of porous polymer particles via thiol-ene suspension photopolymerization. RSC Advances, 2014, 4, 13334-13339.	3.6	48
152	Thermal conductivities, mechanical and thermal properties of graphite nanoplatelets/polyphenylene sulfide composites. RSC Advances, 2014, 4, 22101-22105.	3.6	98
153	Convenient synthesis and morphology of latex particles composed of poly (methyl Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 427 Journal of Polymer Research, 2014, 21, 1.	2.4	5
154	In situ silica reinforcement of vinyltriethoxysilane-grafted styrene-butadiene rubber by sol-gel process. Journal of Applied Polymer Science, 2013, 128, 2262-2268.	2.6	28
155	Improvement of surface property of HMPBO fibers by polyphosphoric acid/absolute alcohol under ultrasonic vibration. Fibers and Polymers, 2013, 14, 781-785.	2.1	8
156	Structures and properties of HMPBO fibers treated by oxygen plasma/polyhedral oligomeric silsesquioxane. Polymer Composites, 2013, 34, 2026-2030.	4.6	7
157	Flame-Retardant, Thermal, Mechanical and Dielectric Properties of Structural Non-Halogenated Epoxy Resin Composites. Polymer-Plastics Technology and Engineering, 2012, 51, 1198-1203.	1.9	82
158	Cure Characteristics and Mechanical Properties of Vinyltriethoxysilane Grafted Styrene-Butadiene Rubber/Silica Blends. Polymer-Plastics Technology and Engineering, 2012, 51, 1218-1222.	1.9	7
159	Three new conjugated polymers based on benzo[2,1-b:3,4-b']dithiophene: synthesis, characterization, photoinduced charge transfer and theoretical calculation studies. Polymer Chemistry, 2012, 3, 2244.	3.9	5
160	Synthesis and Formation Mechanism of Large-Size Monodisperse P(Glycidyl methacrylate-Styrene) Microspheres by Batch Dispersion Copolymerization. Journal of Dispersion Science and Technology, 2012, 33, 1173-1178.	2.4	1
161	Surface modification of HMPBO fibers by silane coupling agent of KH-560 treatment assisted by ultrasonic vibration. Fibers and Polymers, 2012, 13, 979-984.	2.1	30
162	Enhanced surface property of HMPBO fibers by using $\beta$ -aminopropyl triethoxy silane. Fibers and Polymers, 2012, 13, 1249-1253.	2.1	12

#	ARTICLE	IF	CITATIONS
163	Thermal conductivity epoxy resin composites filled with boron nitride. <i>Polymers for Advanced Technologies</i> , 2012, 23, 1025-1028.	3.2	228
164	Preparation and characterization of magnetic polyimide hybrid thin films. <i>Journal of Applied Polymer Science</i> , 2012, 125, 725-730.	2.6	8
165	Preparation and properties of polystyrene/SiCw/SiCp thermal conductivity composites. <i>Journal of Applied Polymer Science</i> , 2012, 124, 132-137.	2.6	81
166	Controlled preparation of Fe <sub>3</sub> O <sub>4</sub> /P (St-MA) magnetic composite microspheres by DPE method. <i>Journal of Polymer Research</i> , 2011, 18, 745-751.	2.4	9
167	Preparation of diblock copolymer PBA-b-PSt by DPE method in emulsion. <i>Journal of Polymer Research</i> , 2011, 18, 1229-1235.	2.4	16
168	Effects of Carbon Black on the Properties of HNBR Reinforced by in-situ Prepared ZDMA. <i>Polymer-Plastics Technology and Engineering</i> , 2011, 50, 1507-1510.	1.9	16
169	Magnetic nanoparticles encapsulated latexes prepared with photo-initiated miniemulsion polymerization. <i>Colloid and Polymer Science</i> , 2010, 288, 1751-1756.	2.1	18
170	Preparation and Characterization of Polyimide-Silica Hybrid Thin Films. <i>Polymer-Plastics Technology and Engineering</i> , 2010, 49, 250-253.	1.9	10
171	Preparation and mechanical properties researches of silane coupling reagent modified $\beta$ -silicon carbide filled epoxy composites. <i>Polymer Bulletin</i> , 2009, 62, 689-697.	3.3	74
172	Preparation and characterization of core-shell PS/Ni composite microspheres. <i>Polymer Composites</i> , 2009, 30, 1098-1105.	4.6	9
173	Thermal conductivity and mechanical properties of aluminum nitride filled linear low-density polyethylene composites. <i>Polymer Engineering and Science</i> , 2009, 49, 1030-1034.	3.1	120
174	Synergic Effect of Acrylate Liquid Rubber and Bisphenol A on Toughness of Epoxy Resins. <i>Polymer Bulletin</i> , 2008, 60, 229-236.	3.3	54
175	Studies on the preparation and effect of the mechanical properties of titanate coupling reagent modified $\beta$ -Sic whisker filled celluloid nano-composites. <i>Surface and Coatings Technology</i> , 2008, 202, 2891-2896.	4.8	48