

Yong Wang

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7494620/yong-wang-publications-by-year.pdf>

Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

257 papers	8,315 citations	50 h-index	76 g-index
267 ext. papers	9,832 ext. citations	6.2 avg, IF	6.4 L-index

#	Paper	IF	Citations
257	Multifunctional Phase Change Composites Based on Elastic MXene/Silver Nanowire Sponges for Excellent Thermal/Solar/Electric Energy Storage, Shape Memory, and Adjustable Electromagnetic Interference Shielding Functions.. <i>ACS Applied Materials & Interfaces</i> , 2022 ,	9.5	9
256	Largely enhanced adsorption performance and stability of MXene through in-situ depositing polypyrrole nanoparticles. <i>Separation and Purification Technology</i> , 2022 , 287, 120596	8.3	5
255	Effect of PEO crystallization on dielectric response of PVDF/PEO@IL coaxial electrospinning nanofiber films. <i>Journal of Applied Polymer Science</i> , 2022 , 139, 51832	2.9	
254	Constructing segregated structure with multiscale stereocomplex crystallites toward synchronously enhancing the thermal conductivity and thermo-mechanical properties of the poly(l-lactic acid) composites. <i>Composites Science and Technology</i> , 2022 , 219, 109257	8.6	0
253	Chitosan-assisted MOFs dispersion via covalent bonding interaction toward highly efficient removal of heavy metal ions from wastewater. <i>Carbohydrate Polymers</i> , 2022 , 277, 118809	10.3	7
252	Fabricating polylactic acid-based blend composite with balanced stiffnessToughness and excellent shape memory performance by incorporating surface-modified carbon nanofibers. <i>Composites Science and Technology</i> , 2022 , 217, 109088	8.6	4
251	Photo-induced shape memory blend composites with remote selective self-healing performance enabled by polypyrrole nanoparticles. <i>Composites Science and Technology</i> , 2022 , 217, 109123	8.6	1
250	Constructing tubular/porous structures toward highly efficient oil/water separation in electrospun stereocomplex polylactide fibers via coaxial electrospinning technology. <i>Applied Surface Science</i> , 2022 , 573, 151619	6.7	3
249	Polydopamine-assisted polyethylenimine grafting melamine foam and the application in wastewater purification. <i>Chemosphere</i> , 2022 , 287, 132054	8.4	3
248	Largely improved thermal conductivity and flame resistance of phase change materials based on three-dimensional melamine foam/phosphorous cellulose/graphite nanoplatelets network with multiple energy transition abilities. <i>Composites Part A: Applied Science and Manufacturing</i> , 2022 , 156, 106898	8.4	0
247	Simultaneously Improved Dielectric Constant and Breakdown Strength of PVDF-based Composites with Polypyrrole Nanowire Encapsulated Molybdenum Disulfide Nanosheets. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2022 , 40, 515-525	3.5	0
246	Construction of a 3D interconnected boron nitride nanosheets in a PDMS matrix for high thermal conductivity and high deformability. <i>Composites Science and Technology</i> , 2022 , 109528	8.6	2
245	Synchronously enhanced thermal properties and fracture toughness of epoxy composites through melamine foam templated dispersion of carbon nanofibers. <i>Composites Communications</i> , 2021 , 28, 100977	6.7	2
244	Selective localization of carbon nanotubes and its effect on the structure and properties of polymer blends. <i>Progress in Polymer Science</i> , 2021 , 123, 101471	29.6	9
243	Light-actuated shape memory and self-healing phase change composites supported by MXene/waterborne polyurethane aerogel for superior solar-thermal energy storage. <i>Composites Communications</i> , 2021 , 28, 100980	6.7	9
242	Flexible MXene-coated melamine foam based phase change material composites for integrated solar-thermal energy conversion/storage, shape memory and thermal therapy functions. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021 , 143, 106291	8.4	42
241	Highly thermally conductive epoxy composites with anti-friction performance achieved by carbon nanofibers assisted graphene nanoplatelets assembly. <i>European Polymer Journal</i> , 2021 , 151, 110443	5.2	13

240	Multi-directionally thermal conductive epoxy/boron nitride composites based on circinate vane type network. <i>Composites Communications</i> , 2021 , 25, 100744	6.7	3
239	Flexible copper foam-based phase change materials with good stiffness-toughness balance, electro-to-thermal conversion ability and shape memory function for intelligent thermal management. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021 , 146, 106420	8.4	12
238	Constructing cellulose nanocrystal/graphene nanoplatelet networks in phase change materials toward intelligent thermal management. <i>Carbohydrate Polymers</i> , 2021 , 253, 117290	10.3	21
237	Electrospun stereocomplex polylactide porous fibers toward highly efficient oil/water separation. <i>Journal of Hazardous Materials</i> , 2021 , 407, 124787	12.8	14
236	Coaxial electrospun membranes with thermal energy storage and shape memory functions for simultaneous thermal/moisture management in personal cooling textiles. <i>European Polymer Journal</i> , 2021 , 145, 110245	5.2	12
235	Freely switchable super-hydrophobicity and super-hydrophilicity of sponge-like poly(vinylidene fluoride) porous fibers for highly efficient oil/water separation. <i>Journal of Hazardous Materials</i> , 2021 , 416, 125926	12.8	7
234	Heat resistant and thermally conductive polylactide composites achieved by stereocomplex crystallite tailored carbon nanofiber network. <i>Chemical Engineering Journal</i> , 2021 , 418, 129287	14.7	2
233	Structural relaxation and dielectric response of PVDF/PMMA blend in the presence of graphene oxide. <i>Polymer</i> , 2021 , 229, 123998	3.9	3
232	Preparation and application of three-dimensional filler network towards organic phase change materials with high performance and multi-functions. <i>Chemical Engineering Journal</i> , 2021 , 419, 129620	14.7	17
231	Chemically Laminating Graphene Oxide Nanosheets with Phenolic Nanomeshes for Robust Membranes with Fast Desalination. <i>Nano Letters</i> , 2021 , 21, 8236-8243	11.5	5
230	Heterogeneous BaTiO ₃ @Ag core-shell fibers as fillers for polymer dielectric composites with simultaneously improved dielectric constant and breakdown strength. <i>Composites Communications</i> , 2021 , 27, 100874	6.7	7
229	Bio-inspired one-step structure adjustment and chemical modification of melamine foam toward highly efficient removal of hexavalent chromium ions. <i>Separation and Purification Technology</i> , 2021 , 275, 119257	8.3	5
228	Synchronously enhanced thermal conductivity and heat resistance in poly(L-lactide)/graphene nanoplatelets composites via constructing stereocomplex crystallites at interface. <i>Composites Part B: Engineering</i> , 2021 , 224, 109163	10	8
227	Highly-toughened biodegradable poly(L-lactic acid) composites with heat resistance and mechanical-damage-healing ability by adding poly(butylene adipate-co-butylene terephthalate) and carbon nanofibers. <i>Chemical Engineering Journal</i> , 2021 , 424, 130558	14.7	4
226	Flexible, multifunctional, and thermally conductive nylon/graphene nanoplatelet composite papers with excellent EMI shielding performance, improved hydrophobicity and flame resistance. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 5033-5044	13	18
225	Constructing a Microcapacitor Network of Carbon Nanotubes in Polymer Blends via Crystallization-Induced Phase Separation Toward High Dielectric Constant and Low Loss. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 26444-26454	9.5	13
224	Improving the Performance of Dielectric Nanocomposites by Utilizing Highly Conductive Rigid Core and Extremely Low Loss Shell. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 12883-12896	3.8	5
223	Fabrication of sandwich-structured PPy/MoS ₂ /PPy nanosheets for polymer composites with high dielectric constant, low loss and high breakdown strength. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020 , 137, 106032	8.4	17

222	Melamine foam and cellulose nanofiber co-mediated assembly of graphene nanoplatelets to construct three-dimensional networks towards advanced phase change materials. <i>Nanoscale</i> , 2020 , 12, 4005-4017	7.7	40
221	Fabrication of super-toughened polypropylene-based nanocomposite with low elastomer content through tailoring the microscale damage mechanisms. <i>Composites Science and Technology</i> , 2020 , 193, 108148	8.6	10
220	Achieving electrical insulation, high thermal conductivity and high fracture toughness in polyamide 6/carbon nanofiber composites through the interfacial welding effect of elastomer. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020 , 128, 105671	8.4	12
219	Fabrication of Ag@BaTiO ₃ hybrid nanofibers via coaxial electrospinning toward polymeric composites with highly enhanced dielectric performances. <i>Composites Communications</i> , 2020 , 21, 100411	6.7	10
218	Poly(methyl methacrylate)-induced Microstructure and Hydrolysis Behavior Changes of Poly(L-lactic acid)/Carbon Nanotubes Composites. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2020 , 38, 195-204	3.5	
217	Constructing the core-shell structured island domain in polymer blends to achieve high dielectric constant and low loss. <i>Polymer International</i> , 2020 , 69, 228-238	3.3	3
216	Melamine foam/reduced graphene oxide supported form-stable phase change materials with simultaneous shape memory property and light-to-thermal energy storage capability. <i>Chemical Engineering Journal</i> , 2020 , 379, 122373	14.7	127
215	Novel Techniques for the Preparation of Shape-Memory Polymers, Polymer Blends and Composites at Micro and Nanoscales. <i>Advanced Structured Materials</i> , 2020 , 53-83	0.6	3
214	Achieving ultrahigh synergistic effect in enhancing conductive properties of polymer composites through constructing the hybrid network of rigid-flexible submicron vapor grown carbon fibers and flexible carbon nanotubes. <i>Composites Science and Technology</i> , 2020 , 193, 108141	8.6	3
213	ZnO nanoparticles-tailored GO dispersion toward flexible dielectric composites with high relative permittivity, low dielectric loss and high breakdown strength. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019 , 124, 105489	8.4	9
212	TBAH/Urea/H ₂ O solvent for room temperature wet-spinning of cellulose and optimization of drawing process. <i>Cellulose</i> , 2019 , 26, 6959-6977	5.5	8
211	Melamine Foam-Supported Form-Stable Phase Change Materials with Simultaneous Thermal Energy Storage and Shape Memory Properties for Thermal Management of Electronic Devices. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 19252-19259	9.5	80
210	Gold nanoparticle/reduced graphene oxide hybrids for fast light-actuated shape memory polymers with enhanced photothermal conversion and mechanical stiffness. <i>European Polymer Journal</i> , 2019 , 116, 302-310	5.2	18
209	Constructing a segregated carbon nanotube network in polyamide-based composites towards high dielectric constant and low loss. <i>Materials Letters</i> , 2019 , 245, 204-207	3.3	13
208	Chitosan-Cross-Linked Graphene Oxide/Carboxymethyl Cellulose Aerogel Globules with High Structure Stability in Liquid and Extremely High Adsorption Ability. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 8775-8788	8.3	84
207	Melamine foam-templated graphene nanoplatelet framework toward phase change materials with multiple energy conversion abilities. <i>Chemical Engineering Journal</i> , 2019 , 365, 20-29	14.7	105
206	Constructing polymeric interlayer with dual effects toward high dielectric constant and low dielectric loss. <i>Chemical Engineering Journal</i> , 2019 , 366, 378-389	14.7	48
205	Graphene oxide-tailored dispersion of hybrid barium titanate@polypyrrole particles and the dielectric composites. <i>Chemical Engineering Journal</i> , 2019 , 355, 137-149	14.7	36

204	Fabrication of MCC/CuO/GO composite foam with high photocatalytic degradation ability toward methylene blue. <i>Carbohydrate Polymers</i> , 2019 , 223, 115101	10.3	14
203	Achieving high performance poly(vinylidene fluoride) dielectric composites polymerization of polypyrrole nanoparticles on hydroxylated BaTiO particles. <i>Chemical Science</i> , 2019 , 10, 8224-8235	9.4	11
202	Novel Flexible Phase Change Materials with Mussel-Inspired Modification of Melamine Foam for Simultaneous Light-Actuated Shape Memory and Light-to-Thermal Energy Storage Capability. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 13532-13542	8.3	61
201	Flexible phase change composite materials with simultaneous light energy storage and light-actuated shape memory capability. <i>Composites Science and Technology</i> , 2019 , 181, 107714	8.6	47
200	Highly Stable and Efficient FASnI ₃ -Based Perovskite Solar Cells by Introducing Hydrogen Bonding. <i>Advanced Materials</i> , 2019 , 31, e1903721	24	151
199	Simultaneously enhanced thermal conductivity and fracture toughness in polystyrene/carbon nanofiber composites by adding elastomer. <i>Composites Science and Technology</i> , 2019 , 184, 107864	8.6	6
198	Crystallization and hydrolytic degradation behaviors of poly(L-lactide) induced by carbon nanofibers with different surface modifications. <i>Polymer Degradation and Stability</i> , 2019 , 170, 109014	4.7	6
197	Tailoring the hybrid network structure of boron nitride/carbon nanotube to achieve thermally conductive poly(vinylidene fluoride) composites. <i>Composites Communications</i> , 2019 , 13, 30-36	6.7	17
196	Synergistic toughening of carbon nanotubes and nucleating agent in polypropylene/ethylene-propylene-diene terpolymer blend. <i>Polymer Testing</i> , 2019 , 75, 185-191	4.5	9
195	Constructing reduced graphene oxide/boron nitride frameworks in melamine foam towards synthesizing phase change materials applied in thermal management of microelectronic devices. <i>Nanoscale</i> , 2019 , 11, 18691-18701	7.7	44
194	Multiresponsive Shape-Adaptable Phase Change Materials with Cellulose Nanofiber/Graphene Nanoplatelet Hybrid-Coated Melamine Foam for Light/Electro-to-Thermal Energy Storage and Utilization. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 46851-46863	9.5	58
193	Electrospun Fibrous Membranes with Dual-Scaled Porous Structure: Super Hydrophobicity, Super Lipophilicity, Excellent Water Adhesion, and Anti-Icing for Highly Efficient Oil Adsorption/Separation. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 5073-5083	9.5	74
192	Ultrasonication-assisted deposition of graphene oxide on electrospun poly(vinylidene fluoride) membrane and the adsorption behavior. <i>Chemical Engineering Journal</i> , 2019 , 358, 1065-1073	14.7	33
191	Photo- and electro-responsive phase change materials based on highly anisotropic microcrystalline cellulose/graphene nanoplatelet structure. <i>Applied Energy</i> , 2019 , 236, 70-80	10.7	66
190	Constructing network structure of graphene nanoplatelets/carbon nanofibers in polystyrene and the resultant heat resistance, thermal and conductive properties. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019 , 117, 299-307	8.4	11
189	Crystallization and concentration fluctuation of miscible poly(vinylidene fluoride)/poly(methyl methacrylate) blends containing carbon nanotubes: Molecular weight dependence of poly(methyl methacrylate). <i>European Polymer Journal</i> , 2018 , 105, 478-490	5.2	4
188	Polydopamine coated graphene oxide aerogels and their ultrahigh adsorption ability. <i>Diamond and Related Materials</i> , 2018 , 86, 117-127	3.5	25
187	Bio-inspired polydopamine-assisted graphene oxide coating on tetra-pod zinc oxide whisker for dielectric composites. <i>Chemical Engineering Journal</i> , 2018 , 345, 353-363	14.7	27

186	Cellulose films from the aqueous DMSO/TBAH-system. <i>Cellulose</i> , 2018 , 25, 1975-1986	5.5	12
185	Carbon nanotubes toughened immiscible polymer blends. <i>Composites Communications</i> , 2018 , 7, 51-64	6.7	27
184	Comparison study of hydrolytic degradation behaviors between α - and β -poly(L-lactide). <i>Polymer Degradation and Stability</i> , 2018 , 148, 1-9	4.7	23
183	Largely enhanced dielectric properties of poly(vinylidene fluoride) composites achieved by adding polypyrrole-decorated graphene oxide. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018 , 104, 89-100	8.4	45
182	Carbon nanotubes induced microstructure and property changes of polycarbonate/poly(butylene terephthalate) blend. <i>Composites Part B: Engineering</i> , 2018 , 133, 177-184	10	27
181	Crystallization of poly(L-lactide) in the miscible poly(L-lactide)/poly(vinyl acetate) blend induced by carbon nanotubes. <i>Polymer Bulletin</i> , 2018 , 75, 2641-2655	2.4	7
180	One-step fabrication of functionalized poly(L-lactide) porous fibers by electrospinning and the adsorption/separation abilities. <i>Journal of Hazardous Materials</i> , 2018 , 360, 150-162	12.8	34
179	Polydopamine-assisted deposition of polypyrrole on electrospun poly(vinylidene fluoride) nanofibers for bidirectional removal of cation and anion dyes. <i>Chemical Engineering Journal</i> , 2018 , 354, 432-444	14.7	65
178	Largely enhanced fracture toughness of the PP/EPDM blends induced by adding carbon nanofibers. <i>Composites Science and Technology</i> , 2018 , 164, 146-152	8.6	26
177	Multifunctional poly(vinylidene fluoride) nanocomposites via incorporation of ionic liquid coated carbon nanotubes. <i>European Polymer Journal</i> , 2018 , 98, 375-383	5.2	10
176	Water-actuated shape-memory and mechanically-adaptive poly(ethylene vinyl acetate) achieved by adding hydrophilic poly(vinyl alcohol). <i>European Polymer Journal</i> , 2018 , 98, 237-245	5.2	14
175	Interfacial polarization and dielectric properties of aligned carbon nanotubes/polymer composites: The role of molecular polarity. <i>Composites Science and Technology</i> , 2018 , 154, 145-153	8.6	52
174	Bio-inspired functionalization of microcrystalline cellulose aerogel with high adsorption performance toward dyes. <i>Carbohydrate Polymers</i> , 2018 , 198, 546-555	10.3	63
173	Selective localization of reduced graphene oxides at the interface of PLA/EVA blend and its resultant electrical resistivity. <i>Polymer Composites</i> , 2017 , 38, 1982-1991	3	27
172	Preparation of hybrid graphene oxide/nano-silica nanofillers and their application in poly(vinyl alcohol) composites. <i>Polymer Composites</i> , 2017 , 38, E89-E97	3	12
171	Greatly enhanced hydrolytic degradation ability of poly(L-lactide) achieved by adding poly(ethylene glycol). <i>Chinese Journal of Polymer Science (English Edition)</i> , 2017 , 35, 386-399	3.5	16
170	Dispersion and network formation of graphene platelets in polystyrene composites and the resultant conductive properties. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017 , 96, 89-98	8.4	41
169	Green synthesis of hybrid graphene oxide/microcrystalline cellulose aerogels and their use as superabsorbents. <i>Journal of Hazardous Materials</i> , 2017 , 335, 28-38	12.8	123

168	Achieving Large Dielectric Property Improvement in Poly(ethylene vinyl acetate)/Thermoplastic Polyurethane/Multiwall Carbon Nanotube Nanocomposites by Tailoring Phase Morphology. <i>Industrial & Engineering Chemistry Research</i> , 2017 , 56, 3607-3617	3.9	29
167	Selective localization of organic montmorillonite in poly(l-lactide)/poly(ethylene vinyl acetate) blends and the resultant properties. <i>Composites Part B: Engineering</i> , 2017 , 123, 1-9	10	16
166	Poly(ethylene oxide) induced microstructure and hydrolytic degradation behavior changes of poly(butylene succinate). <i>Polymer Testing</i> , 2017 , 61, 8-16	4.5	2
165	Blend-electrospun poly(vinylidene fluoride)/polydopamine membranes: self-polymerization of dopamine and the excellent adsorption/separation abilities. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 14430-14443	13	83
164	Facile synthesis of fluorinated polydopamine/chitosan/reduced graphene oxide composite aerogel for efficient oil/water separation. <i>Chemical Engineering Journal</i> , 2017 , 326, 17-28	14.7	192
163	Electrically/infrared actuated shape memory composites based on a bio-based polyester blend and graphene nanoplatelets and their excellent self-driven ability. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 4145-4158	7.1	48
162	Largely improved electromechanical properties of thermoplastic polyurethane dielectric elastomers by the synergistic effect of polyethylene glycol and partially reduced graphene oxide. <i>Composites Science and Technology</i> , 2017 , 142, 311-320	8.6	49
161	Carbon nanotubes induced brittle-ductile transition behavior of the polypropylene/ethylene-propylene-diene terpolymer blends. <i>Composites Science and Technology</i> , 2017 , 139, 109-116	8.6	26
160	Graphite oxide-driven miscibility in PVDF/PMMA blends: Assessment through dynamic rheology method. <i>European Polymer Journal</i> , 2017 , 96, 232-247	5.2	17
159	A promising nanohybrid of silicon carbide nanowires scrolled by graphene oxide sheets with a synergistic effect for poly(propylene carbonate) nanocomposites. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 22361-22371	13	20
158	Grafting of polystyrene onto reduced graphene oxide by emulsion polymerization for dielectric polymer composites: High dielectric constant and low dielectric loss tuned by varied grafting amount of polystyrene. <i>European Polymer Journal</i> , 2017 , 94, 196-207	5.2	36
157	Excellent dielectric properties of poly(vinylidene fluoride) composites based on partially reduced graphene oxide. <i>Composites Part B: Engineering</i> , 2017 , 109, 91-100	10	79
156	Fabrication of high-k poly(vinylidene fluoride)/Nylon 6/carbon nanotube nanocomposites through selective localization of carbon nanotubes in blends. <i>Polymer International</i> , 2017 , 66, 604-611	3.3	16
155	Excellent Electroactive Shape Memory Performance of EVA/PCL/CNT Blend Composites with Selectively Localized CNTs. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 22793-22802	3.8	55
154	Hybrid network structure and thermal conductive properties in poly(vinylidene fluoride) composites based on carbon nanotubes and graphene nanoplatelets. <i>Composites Part A: Applied Science and Manufacturing</i> , 2016 , 90, 614-625	8.4	102
153	Toughening modification of polycarbonate/poly(butylene terephthalate) blends achieved by simultaneous addition of elastomer particles and carbon nanotubes. <i>Composites Part A: Applied Science and Manufacturing</i> , 2016 , 90, 200-210	8.4	24
152	Triple-Shape Memory Materials Based on Cross-Linked Poly(ethylene vinyl acetate) and Poly(ϵ -caprolactone). <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 12232-12241	3.9	18
151	Graphene oxide induced hydrolytic degradation behavior changes of poly(l-lactide) in different mediums. <i>Polymer Testing</i> , 2016 , 56, 220-228	4.5	18

150	High structure stability and outstanding adsorption performance of graphene oxide aerogel supported by polyvinyl alcohol for waste water treatment. <i>Materials and Design</i> , 2016 , 107, 187-197	8.1	71
149	Graphene oxide induced crystallization and hydrolytic degradation of poly(butylene succinate). <i>Polymer Degradation and Stability</i> , 2016 , 123, 94-104	4.7	18
148	Largely enhanced effective porosity of uniaxial stretched polypropylene membrane achieved by pore-forming agent. <i>Journal of Polymer Research</i> , 2016 , 23, 1	2.7	4
147	Design of porous C@Fe ₃ O ₄ hybrid nanotubes with excellent microwave absorption. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 2510-6	3.6	96
146	Largely Enhanced Thermal Conductivity and High Dielectric Constant of Poly(vinylidene fluoride)/Boron Nitride Composites Achieved by Adding a Few Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 6344-6355	3.8	160
145	Crystallization controlled shape memory behaviors of dynamically vulcanized poly(l-lactide)/poly(ethylene vinyl acetate) blends. <i>Polymer Testing</i> , 2016 , 51, 82-92	4.5	19
144	Hierarchical composites of polypyrrole/graphene oxide synthesized by in situ intercalation polymerization for high efficiency and broadband responses of electromagnetic absorption. <i>Composites Science and Technology</i> , 2016 , 127, 71-78	8.6	48
143	Accelerated hydrolytic degradation of poly(lactic acid) achieved by adding poly(butylene succinate). <i>Polymer Bulletin</i> , 2016 , 73, 1067-1083	2.4	32
142	Toughening effect of poly(methyl methacrylate) on an immiscible poly(vinylidene fluoride)/polylactide blend. <i>Polymer International</i> , 2016 , 65, 675-682	3.3	8
141	All-cellulose composites with ultra-high mechanical properties prepared through using straw cellulose fiber. <i>RSC Advances</i> , 2016 , 6, 93428-93435	3.7	10
140	Super toughened immiscible poly(l-lactide)/poly(ethylene vinyl acetate) (PLLA/EVA) blend achieved by in situ cross-linking reaction and carbon nanotubes. <i>Composites Part A: Applied Science and Manufacturing</i> , 2016 , 91, 105-116	8.4	24
139	Enhanced tensile creep stability of immiscible poly(l-lactide)/poly(ethylene vinyl acetate) blends achieved by adding carbon nanotubes. <i>Composites Part B: Engineering</i> , 2016 , 107, 174-181	10	15
138	Largely restricted nucleation effect of carbon nanotubes in a miscible poly(vinylidene fluoride)/poly(butylene succinate) blend. <i>Polymer International</i> , 2016 , 65, 1417-1429	3.3	11
137	Carbon nanotube network structure induced strain sensitivity and shape memory behavior changes of thermoplastic polyurethane. <i>Materials & Design</i> , 2015 , 69, 105-113		69
136	Annealing induced microstructure and mechanical property changes of impact resistant polypropylene copolymer. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2015 , 33, 1211-1224	3.5	10
135	Abnormal Tensile Creep Behavior of Annealed β -Nucleated Isotactic Polypropylene. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 4976-4987	3.9	7
134	Carbon nanotubes accelerated poly(vinylidene fluoride) crystallization from miscible poly(vinylidene fluoride)/poly(methyl methacrylate) blend and the resultant crystalline morphologies. <i>European Polymer Journal</i> , 2015 , 68, 175-189	5.2	22
133	Largely enhanced thermal conductivity of poly(vinylidene fluoride)/carbon nanotube composites achieved by adding graphene oxide. <i>Carbon</i> , 2015 , 90, 242-254	10.4	152

132	Improved dissolution of cellulose in quaternary ammonium hydroxide by adjusting temperature. <i>RSC Advances</i> , 2015 , 5, 39080-39083	3.7	19
131	Water-insoluble sericin/βcyclodextrin/PVA composite electrospun nanofibers as effective adsorbents towards methylene blue. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 136, 375-82	6	74
130	Effective improvement in microwave absorption by uniform dispersion of nanodiamond in polyaniline through in-situ polymerization. <i>Applied Physics Letters</i> , 2015 , 106, 233103	3.4	17
129	High hydrophilicity and excellent adsorption ability of a stretched polypropylene/graphene oxide composite membrane achieved by plasma assisted surface modification. <i>RSC Advances</i> , 2015 , 5, 71240-71252	3.7	6
128	Largely improved fracture toughness of an immiscible poly(L-lactide)/ethylene-co-vinyl acetate blend achieved by adding carbon nanotubes. <i>RSC Advances</i> , 2015 , 5, 69522-69533	3.7	20
127	Hydrophilicity, morphology and excellent adsorption ability of poly(vinylidene fluoride) membranes induced by graphene oxide and polyvinylpyrrolidone. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015 , 486, 172-184	5.1	22
126	Thermal and electroactive shape memory behaviors of poly(L-lactide)/thermoplastic polyurethane blend induced by carbon nanotubes. <i>RSC Advances</i> , 2015 , 5, 101455-101465	3.7	24
125	Remarkable improvement in microwave absorption by cloaking a micro-scaled tetrapod hollow with helical carbon nanofibers. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 3024-31	3.6	48
124	Rheology and non-isothermal crystallization behaviors of poly(butylene succinate)/graphene oxide composites. <i>Colloid and Polymer Science</i> , 2015 , 293, 389-400	2.4	12
123	High thermal conductivity of poly(vinylidene fluoride)/carbon nanotubes nanocomposites achieved by adding polyvinylpyrrolidone. <i>Composites Science and Technology</i> , 2015 , 106, 1-8	8.6	64
122	Largely enhanced fracture toughness of an immiscible polyamide 6/acrylonitrile-butadiene-styrene blend achieved by adding chemically modified graphene oxide. <i>RSC Advances</i> , 2015 , 5, 101466-101474	3.7	9
121	Growth of Fe ₃ O ₄ nanosheet arrays on graphene by a mussel-inspired polydopamine adhesive for remarkable enhancement in electromagnetic absorptions. <i>RSC Advances</i> , 2015 , 5, 101121-101126	3.7	38
120	Tunable shape memory behaviors of poly(ethylene vinyl acetate) achieved by adding poly(L-lactide). <i>Smart Materials and Structures</i> , 2015 , 24, 125002	3.4	17
119	Morphology, rheology and electrical resistivity of PLLA/HDPE/CNT nanocomposites: Effect of maleic anhydride. <i>Materials Chemistry and Physics</i> , 2015 , 152, 104-112	4.4	9
118	Greatly enhanced porosity of stretched polypropylene/graphene oxide composite membrane achieved by adding pore-forming agent. <i>RSC Advances</i> , 2015 , 5, 20663-20673	3.7	8
117	Encapsulation of an f-block metal atom/ion to enhance the stability of C ₂₀ with the I(h) symmetry. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 4328-36	3.6	10
116	Plasma activation and atomic layer deposition of TiO ₂ on polypropylene membranes for improved performances of lithium-ion batteries. <i>Journal of Membrane Science</i> , 2014 , 458, 217-224	9.6	93
115	Largely improved crystallization behavior and thermal stability of poly(L-lactide) via the synergistic effects of graphene oxide and carbon nanotubes. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	1

114	Effects of modifications of bamboo cellulose fibers on the improved mechanical properties of cellulose reinforced poly(lactic acid) composites. <i>Composites Part B: Engineering</i> , 2014 , 62, 191-197	10	167
113	Effect of graphene oxides on thermal degradation and crystallization behavior of poly(L-lactide). <i>RSC Advances</i> , 2014 , 4, 3443-3456	3.7	19
112	One-step synthesis of graphene/polyaniline hybrids by in situ intercalation polymerization and their electromagnetic properties. <i>Nanoscale</i> , 2014 , 6, 8140-8	7.7	188
111	Tuning the interaction of an immiscible poly(L-lactide)/poly(vinylidene fluoride) blend by adding poly(methyl methacrylate) via a competition mechanism and the resultant mechanical properties. <i>RSC Advances</i> , 2014 , 4, 40569-40579	3.7	12
110	Amplified Toughening Effect of Annealing on Isotactic Polypropylene Realized by Introducing Microvoids. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 4679-4688	3.9	13
109	Effect of organoclay on morphology and electrical conductivity of PC/PVDF/CNT blend composites. <i>Composites Science and Technology</i> , 2014 , 94, 30-38	8.6	45
108	Well dispersion of rGOs in PLLA matrix mediated by incorporation of EVA and its resultant electrical property. <i>Polymer Composites</i> , 2014 , 35, 1051-1059	3	5
107	Stretching induces pore formation in the nucleated polypropylene/graphene oxide composite. <i>Composites Science and Technology</i> , 2014 , 99, 59-66	8.6	14
106	Super toughened immiscible polycarbonate/poly(L-lactide) blend achieved by simultaneous addition of compatibilizer and carbon nanotubes. <i>RSC Advances</i> , 2014 , 4, 59194-59203	3.7	19
105	Carbon nanotubes induced poly(vinylidene fluoride) crystallization from a miscible poly(vinylidene fluoride)/poly(methyl methacrylate) blend. <i>Colloid and Polymer Science</i> , 2014 , 292, 3279-3290	2.4	14
104	Fracture Behavior of Poly(trimethylene terephthalate) Toughened by Maleic Anhydride Grafted Styrene-Ethylene-Butadiene-Styrene Block Copolymer. <i>Polymer-Plastics Technology and Engineering</i> , 2014 , 53, 824-833		1
103	Super Toughened Poly(L-lactide)/Thermoplastic Polyurethane Blends Achieved by Adding Dicumyl Peroxide. <i>Polymer-Plastics Technology and Engineering</i> , 2014 , 53, 1344-1353		12
102	Combined effect of compatibilizer and carbon nanotubes on the morphology and electrical conductivity of PP/PS blend. <i>Polymers for Advanced Technologies</i> , 2014 , 25, 624-630	3.2	11
101	Controllable synthesis of carbon coils and growth mechanism for twinning double-helix catalyzed by Ni nanoparticle. <i>Composites Part B: Engineering</i> , 2014 , 61, 350-357	10	18
100	Crystallization and melting behaviors of polypropylene admixed by graphene and β -phase nucleating agent. <i>Colloid and Polymer Science</i> , 2014 , 292, 923-933	2.4	14
99	Highly improved crystallization behavior of poly(L-lactide) induced by a novel nucleating agent: substituted-aryl phosphate salts. <i>Polymers for Advanced Technologies</i> , 2013 , 24, 42-50	3.2	22
98	Modification of polycarbonate by adding poly(L-lactide). <i>Journal of Applied Polymer Science</i> , 2013 , 127, 3333-3339	2.9	3
97	Crystallization behavior of sorbitol derivative nucleated polypropylene block copolymer under high pressure. <i>Colloid and Polymer Science</i> , 2013 , 291, 2213-2223	2.4	4

96	Antimicrobial mechanism based on H ₂ O ₂ generation at oxygen vacancies in ZnO crystals. <i>Langmuir</i> , 2013 , 29, 5573-80	4	185
95	Hydrolytic degradation behavior of poly(l-lactide)/SiO ₂ composites. <i>Polymer Degradation and Stability</i> , 2013 , 98, 2672-2679	4.7	27
94	Molecular ordering and β -form formation of poly(l-lactide) during the hydrolytic degradation. <i>Polymer</i> , 2013 , 54, 6644-6653	3.9	27
93	Trapping carbon nanotubes at the interface of a polymer blend through adding graphene oxide: a facile strategy to reduce electrical resistivity. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 7808	7.1	31
92	Hydrophilization of porous polypropylene membranes by atomic layer deposition of TiO ₂ for simultaneously improved permeability and selectivity. <i>Journal of Membrane Science</i> , 2013 , 448, 215-222	9.6	65
91	Hydrolytic degradation behavior of poly(l-lactide)/carbon nanotubes nanocomposites. <i>Polymer Degradation and Stability</i> , 2013 , 98, 198-208	4.7	43
90	Improving interfacial adhesion between immiscible polymers by carbon nanotubes. <i>Polymer</i> , 2013 , 54, 464-471	3.9	52
89	Enhancing chain segments mobility to improve the fracture toughness of polypropylene. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2013 , 31, 232-241	3.5	8
88	Comparative study of poly(L-lactide) nanocomposites with organic montmorillonite and carbon nanotubes. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2013 , 51, 183-196	2.6	20
87	Selective localization of carbon nanotubes at the interface of Poly(L-lactide)/Ethylene-co-vinyl Acetate resulting in lowered electrical resistivity. <i>Composites Part B: Engineering</i> , 2013 , 55, 463-469	10	65
86	Compatibilization of immiscible nylon 6/poly(vinylidene fluoride) blends using graphene oxides. <i>Polymer International</i> , 2013 , 62, 1085-1093	3.3	76
85	Crystallization kinetics and melting behaviors of poly(l-lactide)/graphene oxides composites. <i>Thermochimica Acta</i> , 2013 , 566, 57-70	2.9	39
84	Effect of compatibilizer and clay on morphology and fracture resistance of immiscible high density polyethylene/polyamide 6 blend. <i>Composites Part B: Engineering</i> , 2013 , 54, 422-430	10	20
83	Synergistic effect of carbon nanotubes and carbon black on electrical conductivity of PA6/ABS blend. <i>Composites Science and Technology</i> , 2013 , 81, 1-8	8.6	67
82	Reinforcement and toughening of polypropylene/organic montmorillonite nanocomposite using β -nucleating agent and annealing. <i>Composites Part B: Engineering</i> , 2013 , 44, 439-445	10	31
81	Study on the fracture behavior of annealed immiscible polypropylene/poly(ethylene oxide) blend. <i>Polymer Testing</i> , 2013 , 32, 123-132	4.5	8
80	Super toughening of the poly(L-lactide)/thermoplastic polyurethane blends by carbon nanotubes. <i>RSC Advances</i> , 2013 , 3, 26271	3.7	53
79	Morphology and property changes of immiscible polycarbonate/poly(L-lactide) blends induced by carbon nanotubes. <i>Polymer International</i> , 2013 , 62, 957-965	3.3	19

78	Annealing-induced crystalline structure and mechanical property changes of polypropylene random copolymer. <i>Journal of Materials Research</i> , 2013 , 28, 3100-3108	2.5	15
77	Synergistic effect of poly(ethylene glycol) and graphene oxides on the crystallization behavior of poly(L-lactide). <i>Journal of Applied Polymer Science</i> , 2013 , 130, 3498-3508	2.9	27
76	Cocontinuous morphology of immiscible high density polyethylene/polyamide 6 blend induced by multiwalled carbon nanotubes network. <i>European Polymer Journal</i> , 2012 , 48, 350-361	5.2	74
75	Microstructure evolution of isotactic polypropylene during annealing: Effect of poly(ethylene oxide). <i>Chinese Journal of Polymer Science (English Edition)</i> , 2012 , 30, 199-208	3.5	14
74	A simple strategy to achieve very low percolation threshold via the selective distribution of carbon nanotubes at the interface of polymer blends. <i>Journal of Materials Chemistry</i> , 2012 , 22, 22398		127
73	Gas-induced formation of Cu nanoparticle as catalyst for high-purity straight and helical carbon nanofibers. <i>ACS Nano</i> , 2012 , 6, 8611-9	16.7	46
72	Phase Transition in β -nucleated Isotactic Polypropylene Induced by Combination of Annealing and High Pressure. <i>Journal of Macromolecular Science - Physics</i> , 2012 , 51, 2377-2391	1.4	1
71	Effect of organic montmorillonite on cold crystallization and hydrolytic degradation of poly(L-lactide). <i>Polymer Degradation and Stability</i> , 2012 , 97, 2273-2283	4.7	44
70	Morphology and mechanical property changes in compatibilized high density polyethylene/polyamide 6 nanocomposites induced by carbon nanotubes. <i>Polymer International</i> , 2012 , 61, 1334-1343	3.3	17
69	Carbon nanotubes induced microstructure and mechanical properties changes in cocontinuous poly(L-lactide)/ethylene-co-vinyl acetate blends. <i>Polymers for Advanced Technologies</i> , 2012 , 23, 783-790	3.2	34
68	Nonisothermal crystallization and multiple melting behaviors of β -nucleated impact-resistant polypropylene copolymer. <i>Journal of Applied Polymer Science</i> , 2012 , 126, 1031-1043	2.9	14
67	Crystallization behavior of isotactic polypropylene induced by competition action of β -nucleating agent and high pressure. <i>Colloid and Polymer Science</i> , 2012 , 290, 531-540	2.4	14
66	Fracture behaviors of isotactic polypropylene/poly(ethylene oxide) blends: Effect of annealing. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2011 , 528, 8013-8020	5.3	22
65	Isolation of cellulose with ionic liquid from steam exploded rice straw. <i>Industrial Crops and Products</i> , 2011 , 33, 734-738	5.9	73
64	Preparation of multi-interfacial ZnO particles and their growth mechanism. <i>Advanced Powder Technology</i> , 2011 , 22, 634-638	4.6	8
63	Effect of mechanical pre-conditioning on fracture resistance of polypropylene. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2011 , 29, 318-324	3.5	2
62	Fracture resistance improvement of polypropylene by joint action of core-shell particles and nucleating agent. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2011 , 528, 1382-1390	5.3	17
61	Crystallization, rheological, and mechanical properties of PLLA/PEG blend with multiwalled carbon nanotubes. <i>Polymers for Advanced Technologies</i> , 2011 , 22, 1959-1970	3.2	25

60	Largely enhanced ductility of immiscible high density polyethylene/polyamide 6 blends via nano-bridge effect of functionalized multiwalled carbon nanotubes. <i>Polymers for Advanced Technologies</i> , 2011 , 22, 2533-2542	3.2	32
59	Effects of carbon nanotubes on glass transition and crystallization behaviors in immiscible polystyrene/polypropylene blends. <i>Polymer Engineering and Science</i> , 2011 , 51, 585-591	2.3	10
58	Toughening of poly(L-lactide)/multiwalled carbon nanotubes nanocomposite with ethylene-co-vinyl acetate. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2011 , 49, 267-276	2.6	23
57	Structure and mechanical properties controlling of elastomer modified polypropylene by compounded β -nucleating agents. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2011 , 49, 898-906	2.6	16
56	Theoretical analysis of fracture of tetra-needle-like ZnO whisker in polymer composite. <i>Journal of Applied Polymer Science</i> , 2011 , 120, 2767-2771	2.9	3
55	Morphology, rheological, crystallization behavior, and mechanical properties of poly(L-lactide)/ethylene-co-vinyl acetate blends with different VA contents. <i>Journal of Applied Polymer Science</i> , 2011 , 121, 2688-2698	2.9	24
54	Largely improved photocatalytic properties of Ag/tetrapod-like ZnO nanocompounds prepared with different PEG contents. <i>Applied Surface Science</i> , 2011 , 257, 7763-7770	6.7	53
53	Photocatalytic production of superoxide ion in the aqueous suspensions of two kinds of ZnO under simulated solar light. <i>Catalysis Communications</i> , 2010 , 12, 169-172	3.2	65
52	Influence of annealing on microstructure and physical properties of isotactic polypropylene/calcium carbonate composites with β -phase nucleating agent. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2010 , 527, 3176-3185	5.3	48
51	β -Transformation of β -polypropylene during tensile deformation: effect of crystalline morphology. <i>Colloid and Polymer Science</i> , 2010 , 288, 1539-1549	2.4	31
50	Crystallization, mechanical and thermal properties of sorbitol derivatives nucleated polypropylene/calcium carbonate composites. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2010 , 28, 457-466	3.5	9
49	Crystallization and melting behaviors of maleic anhydride grafted poly(propylene) nucleated by an aryl amide derivative. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010 , 99, 563-570	4.1	13
48	Study on the β -to β -transformation of PP/POE blends with β -phase nucleating agent during the tensile deformation process. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2010 , 527, 531-538	5.3	17
47	Preparation of high purity helical carbon nanofibers by the catalytic decomposition of acetylene and their growth mechanism. <i>Carbon</i> , 2010 , 48, 4535-4541	10.4	39
46	Synergistic effects of PEG and MWCNTs on crystallization behavior of PLLA. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2010 , 48, 520-528	2.6	50
45	Selective distribution, reinforcement, and toughening roles of MWCNTs in immiscible polypropylene/ethylene-co-vinyl acetate blends. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2010 , 48, 1882-1892	2.6	20
44	Annealing induced microstructure and fracture resistance changes in isotactic polypropylene/ethylene-octene copolymer blends with and without β -phase nucleating agent. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2010 , 48, 2108-2120	2.6	23
43	Ferromagnetism in Fe-doped tetra-needle like ZnO whiskers. <i>Materials Research Bulletin</i> , 2009 , 44, 799-802	3.2	18

42	A comparative study of polypropylene nucleated by individual and compounding nucleating agents. I. Melting and isothermal crystallization. <i>Journal of Applied Polymer Science</i> , 2009 , 111, 1624-1637	2.9	16
41	Effect of functionalized SWCNTs on microstructure of PP-g-MA/OMMT/f-SWCNTs nanocomposite. <i>Journal of Applied Polymer Science</i> , 2009 , 112, 2413-2424	2.9	4
40	Nucleating agent induced impact fracture behavior change in PP/POE blend. <i>Polymer Bulletin</i> , 2009 , 62, 405-419	2.4	22
39	Effects of nucleating agents on microstructure and fracture toughness of poly(propylene)/ethylene-propylene-diene terpolymer blends. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2009 , 47, 46-59	2.6	42
38	Crystallization improvement of poly(L-lactide) induced by functionalized multiwalled carbon nanotubes. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2009 , 47, 326-339	2.6	72
37	Studies on fracture behaviors of immiscible polypropylene/ethylene-co-vinyl acetate blends with multiwalled carbon nanotubes. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2009 , 47, 1331-1344	2.6	11
36	Effects of functionalized multiwalled carbon nanotubes on the morphologies and mechanical properties of PP/EVA blend. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2009 , 47, 1481-1491	2.6	20
35	Crystallization and mechanical properties of T-ZnOw/HDPE composites. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2009 , 501, 220-228	5.3	44
34	Fracture studies of poly(propylene)/elastomer blend with Eform nucleating agent. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2009 , 513-514, 22-31	5.3	13
33	Tensile fracture behaviors of T-ZnOw/polyamide 6 composites. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2009 , 512, 109-116	5.3	20
32	Improved fracture toughness of immiscible polypropylene/ethylene-co-vinyl acetate blends with multiwalled carbon nanotubes. <i>Polymer</i> , 2009 , 50, 3072-3078	3.9	74
31	Influence of Annealing on Microstructure and Mechanical Properties of Isotactic Polypropylene with EPhase Nucleating Agent. <i>Macromolecules</i> , 2009 , 42, 6647-6655	5.5	193
30	EFFECT OF T-ZnOw DIMENSION ON PROPERTIES OF T-ZnOw/PA6 COMPOSITES. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2009 , 27, 703	3.5	3
29	SPATIAL HIERARCHY AND INTERFACIAL STRUCTURE IN INJECTION-MOLDED BARS OF POLYOLEFIN BLENDS. <i>Acta Polymerica Sinica</i> , 2009 , 007, 209-218		1
28	Effects of coupling agents on the impact fracture behaviors of T-ZnOw/PA6 composites. <i>Composites Science and Technology</i> , 2008 , 68, 1338-1347	8.6	44
27	Effect of nucleating agent on the brittle-ductile transition behavior of polypropylene/ethylene-ctene copolymer blends. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2008 , 46, 577-588	2.6	33
26	Nonisothermal crystallization behaviors of polypropylene with nucleating agents. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2008 , 46, 1853-1867	2.6	37
25	Detecting crystallization structure evolution of polypropylene injection-molded bar induced by nucleating agent. <i>Polymer Engineering and Science</i> , 2008 , 48, 1532-1541	2.3	20

24	Hierarchy crystallization structure of a polypropylene random copolymer injection-molded bar induced by a nucleating agent. <i>Journal of Applied Polymer Science</i> , 2008 , 107, 309-318	2.9	12
23	Synergistic toughening effects of nucleating agent and ethylene-butene copolymer on polypropylene. <i>Journal of Applied Polymer Science</i> , 2008 , 108, 3270-3280	2.9	61
22	Functionalized multi-walled carbon nanotubes improve nonisothermal crystallization of poly(ethylene terephthalate). <i>Polymer Testing</i> , 2008 , 27, 179-188	4.5	56
21	TOUGHENING AND STIFFENING EFFECTS OF T-ZnOw WHISKERS ON POLYSTYRENE. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2008 , 26, 285	3.5	7
20	EFFECTS OF COUPLING AGENTS ON THE CRYSTALLIZATION BEHAVIOR OF PP/T-ZnOw COMPOSITES. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2007 , 25, 565	3.5	3
19	Shear induced phase coarsening in Polystyrene/Styrene-ethylene-butylene-styrene blends. <i>Journal of Materials Science</i> , 2006 , 41, 5882-5889	4.3	
18	Lamellar orientation in the blends of linear low density polyethylene and isotactic polypropylene induced by dynamic packing injection molding. <i>Journal of Materials Science</i> , 2005 , 40, 6409-6415	4.3	6
17	. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2005 , 23, 103	3.5	3
16	Shish and its relaxation dependence of re-crystallization of isotactic polypropylene from an oriented melt in the blends with high-density polyethylene. <i>Polymer</i> , 2004 , 45, 6245-6260	3.9	37
15	Crystal and phase morphology of dynamic-packing-injection-molded high-density polyethylene/ethylene vinyl acetate blends. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2004 , 42, 1831-1840	2.6	12
14	Orientation effects on the deformation and fracture properties of high-density polyethylene/ethylene vinyl acetate (HDPE/EVA) blends. <i>Polymer International</i> , 2004 , 53, 1078-1086	3.3	13
13	Shear induced shish-lamellar structure in PP and its blends with LLDPE. <i>Polymer</i> , 2004 , 45, 207-215	3.9	63
12	Compatibilization of Immiscible Poly(propylene)/Polystyrene Blends Using Clay. <i>Macromolecular Rapid Communications</i> , 2003 , 24, 231-235	4.8	279
11	Dependence of impact strength on the fracture propagation direction in dynamic packing injection molded PP/EPDM blends. <i>Polymer</i> , 2003 , 44, 4261-4271	3.9	52
10	Three-dimensional phase morphologies in HDPE/EVA blends obtained via dynamic injection packing molding. <i>Polymer</i> , 2003 , 44, 5737-5747	3.9	24
9	Shear-induced change of exfoliation and orientation in polypropylene/montmorillonite nanocomposites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2003 , 41, 1-10	2.6	60
8	The morphology and mechanical properties of dynamic packing injection molded PP/PS blends. <i>Polymer</i> , 2003 , 44, 1469-1480	3.9	61
7	Shear-Induced Morphological Change in PP/LLDPE Blend. <i>Macromolecular Rapid Communications</i> , 2002 , 23, 749-752	4.8	22

6	Adding EPDM Rubber Makes Poly(propylene) Brittle. <i>Macromolecular Materials and Engineering</i> , 2002 , 287, 391	3.9	19
5	Super polyolefin blends achieved via dynamic packing injection molding: Tensile strength. <i>Journal of Applied Polymer Science</i> , 2002 , 85, 236-243	2.9	19
4	Studies on blends of high-density polyethylene and polypropylene produced by oscillating shear stress field. <i>Journal of Applied Polymer Science</i> , 2002 , 86, 58-63	2.9	22
3	DuctileBrittle-transition phenomenon in polypropylene/ethylene-propylene-diene rubber blends obtained by dynamic packing injection molding: A new understanding of the rubber-toughening mechanism. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2002 , 40, 2086-2097	2.6	37
2	Highly anisotropic thermal and electrical conductivities of nylon composite papers with the integration of strength and toughness. <i>Journal of Materials Chemistry A</i> ,	13	1
1	Carbon Helical Nanorobots Capable of Cell Membrane Penetration for Single Cell Targeted SERS Bio-Sensing and Photothermal Cancer Therapy. <i>Advanced Functional Materials</i> ,2200600	15.6	4