

# Aijuan Gu

## List of Publications by Year in Descending Order

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

271  
papers

6,397  
citations

42  
h-index

61  
g-index

276  
ext. papers

7,188  
ext. citations

4.9  
avg, IF

6.21  
L-index

#	Paper	IF	Citations
271	Flexible, transparent, strong and high dielectric constant composite film based on polyionic liquid coated silver nanowire hybrid. <i>Applied Surface Science</i> , <b>2022</b> , 576, 151827	6.7	0
270	Developing thermally resistant and strong biobased resin from benzoxazine synthesized using green solvents. <i>European Polymer Journal</i> , <b>2022</b> , 173, 111320	5.2	1
269	Achieving superiorly high heat-dimensional stability, high strength, and good electrochemical performance for electrospun separators in power lithium-ion battery through building unique condensed structure based on polyimide and poly (m-phenylene isophthalamide). <i>Journal of Applied Polymer Science</i> , <b>2021</b> , 133, 51033	2.9	0
268	Mechanically durable and self-healing super-hydrophobic coating with hierarchically structured KH570 modified SiO <sub>2</sub> -decorated aligned carbon nanotube bundles. <i>Chemical Engineering Journal</i> , <b>2021</b> , 408, 127263	14.7	18
267	Thermally resistant and strong remoldable triple-shape memory thermosets based on bismaleimide with transesterification. <i>Journal of Materials Science</i> , <b>2021</b> , 56, 3623-3637	4.3	2
266	Heat-resistant and robust biobased benzoxazine resins developed with a green synthesis strategy. <i>Polymer Chemistry</i> , <b>2021</b> , 12, 432-438	4.9	8
265	Getting self-healing ability and ultra-low dielectric loss for high-k epoxy resin composites through building networks based on Li <sub>0.3</sub> Ti <sub>0.02</sub> Ni <sub>0.68</sub> O grafted carbon nanotube bundles with unique surface architecture. <i>Applied Surface Science</i> , <b>2021</b> , 536, 147955	6.7	1
264	Modulation and mechanism of spatial structure for multi-layer cyanate ester resin composites to achieve remarkably increased energy storage density and decreased dielectric loss. <i>Journal of Composite Materials</i> , <b>2021</b> , 55, 465-474	2.7	2
263	Preparation and Characterization of Ionic Conductive Poly(acrylic Acid)-Based Silicone Hydrogels for Smart Drug Delivery System. <i>Polymers</i> , <b>2021</b> , 13,	4.5	1
262	Interface reaction-induced separated phase structure in compatible epoxy thermosetting blending for unexpected mechanical properties and multi-thermosensitive devices. <i>Polymer Composites</i> , <b>2021</b> , 42, 5541	3	0
261	Radiation-Based Crosslinking Technique for Enhanced Thermal and Mechanical Properties of HDPE/EVA/PU Blends. <i>Polymers</i> , <b>2021</b> , 13,	4.5	2
260	Energy deposition calculation by Monte Carlo simulation in irradiation of electric cables by electron beam. <i>Radiation Physics and Chemistry</i> , <b>2021</b> , 186, 109506	2.5	3
259	Development and Mechanism of High-Performance Fully Biobased Shape Memory Benzoxazine Resins with a Green Strategy. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 18696-18705	8.3	12
258	Preparation of high performance bio-based benzoxazine resin through a green solvent-free strategy for shape memory application. <i>Polymer</i> , <b>2020</b> , 202, 122673	3.9	17
257	Self-Healable and Remoldable Transparent Polyurethane Film with High Dielectric Constant from the Synergistic Effect between Lithium Salt and Ionic Liquid. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2020</b> , 59, 6600-6608	3.9	3
256	Achieving ultrahigh glass transition temperature, halogen-free and phosphorus-free intrinsic flame retardancy for bismaleimide resin through building network with diallyloxydiphenyldisulfide. <i>Polymer</i> , <b>2020</b> , 203, 122769	3.9	8
255	Superhydrophobic and self-healable tri-layered composites with great thermal resistance and electrothermal ability. <i>Composites Communications</i> , <b>2020</b> , 21, 100397	6.7	6

254	High-performance wearable asymmetric electrochemical capacitors based on composite aramid nonwovens with unique surface architecture. <i>Applied Surface Science</i> , <b>2020</b> , 517, 146222	6.7	5
253	Simultaneously achieving high strength, thermal resistance and high self-healing efficiency for polyacrylate coating by constructing a Diels-Alder reversible covalent structure with multi-maleimide terminated hyperbranched polysiloxane. <i>Polymer International</i> , <b>2020</b> , 69, 110-120	3.3	8
252	Gamma Ray-Induced Polymerization and Cross-Linking for Optimization of PPy/PVP Hydrogel as Biomaterial. <i>Polymers</i> , <b>2020</b> , 12,	4.5	18
251	Facile strategy and mechanism of preparing high performance intrinsic flame retarding foams based on reactive end-capped liquid crystalline all-aromatic polyester without incorporating additional flame retardants. <i>Composites Part B: Engineering</i> , <b>2020</b> , 181, 107554	10	6
250	Reprocessable Triple-Shape-Memory Liquid Crystalline Polyester Amide with Ultrahigh Thermal Resistance. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2020</b> , 59, 14015-14024	3.9	0
249	Percolative polymer composites for dielectric capacitors: a brief history, materials, and multilayer interface design. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 18515-18537	13	18
248	Facile strategy and mechanism of greatly toughening epoxy resin using polyethersulfone through controlling phase separation with microwave-assisted thermal curing technique. <i>Journal of Applied Polymer Science</i> , <b>2020</b> , 137, 48394	2.9	10
247	Biobased bismaleimide resins with high renewable carbon content, heat resistance and flame retardancy via a multi-functional phosphate from clove oil. <i>Materials Chemistry Frontiers</i> , <b>2019</b> , 3, 78-85	7.8	24
246	Construction of nickel-doped cobalt hydroxides hexagonal nanoplates for advanced oxygen evolution electrocatalysis. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 553, 713-719	9.3	8
245	Surface-covalent functionalized graphene oxide sheets with hyperbranched polysiloxane and Mn ion for cyanate ester resin: Towards lower curing temperature and higher performance. <i>Materials Chemistry and Physics</i> , <b>2019</b> , 234, 67-74	4.4	4
244	Reactive Polymer-Functionalized Aligned Multiwalled Carbon Nanotube Bundles-Induced Porous Poly(ethylene terephthalate) Fibers. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2019</b> , 58, 10328-10340	3.9	1
243	Phosphorus-free boron nitride/cerium oxide hybrid: A synergistic flame retardant and smoke suppressant for thermally resistant cyanate ester resin. <i>Polymers for Advanced Technologies</i> , <b>2019</b> , 30, 2340-2352	3.2	9
242	Orientating carbon nanotube bundles and barium titanate nanofibers in tri-layer structure to develop high energy density epoxy resin composites with greatly improved dielectric constant and breakdown strength. <i>Composites Part B: Engineering</i> , <b>2019</b> , 173, 107030	10	12
241	High-Temperature Triple-Shape Memory Polymer with Full Recovery through Cross-Linking All-Aromatic Liquid Crystalline Poly(ester imide) under Reduced Molding Temperature. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2019</b> ,	3.9	10
240	Preparation and Mechanism of High Energy Density Cyanate Ester Composites with Ultralow Loss Tangent and Higher Permittivity through Building a Multilayered Structure with Conductive, Dielectric, and Insulating Layers. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 13482-13490	3.8	13
239	Mechanism of greatly increasing dielectric constant at lower percolation thresholds for epoxy resin composites through building three-dimensional framework from polyvinylidene fluoride and carbon nanotubes. <i>Composites Part B: Engineering</i> , <b>2019</b> , 171, 146-153	10	11
238	An in situ (K <sub>0.5</sub> Na <sub>0.5</sub> )NbO <sub>3</sub> -doped barium titanate foam framework and its cyanate ester resin composites with temperature-stable dielectric properties and low dielectric loss. <i>Materials Chemistry Frontiers</i> , <b>2019</b> , 3, 726-736	7.8	4
237	Thermally resistant thermadappt shape memory crosslinked polymers based on silyl ether dynamic covalent linkages for self-folding and self-deployable smart 3D structures. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 9736-9747	13	30

236	High thermal conductivity and flame-retardant phosphorus-free bismaleimide resin composites based on 3D porous boron nitride framework. <i>Journal of Materials Science</i> , <b>2019</b> , 54, 7651-7664	4.3	14
235	Modulating topological structure of carbon nanotube/cyanate ester-boron nitride/cyanate ester multi-layered composites for enhancing dielectric properties, breakdown strength and energy density. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2019</b> , 30, 15952-15963	2.1	1
234	Self-constructed nanodomain structure in thermosetting blend based on the dynamic reactions of cyanate ester and epoxy resins and its related property. <i>Composites Part B: Engineering</i> , <b>2019</b> , 177, 107438	4.8	8
233	Optimizing Ply Pattern and Composition of Layered Composites based on Cyanate Ester, Carbon Nanotube, and Boron Nitride: Toward Ultralow Dielectric Loss and High Energy Storage. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 5238-5247	3.8	22
232	Tailoring the structure of aligned carbon nanotube bundle by reactive polymer for strengthening its surface interaction with thermosets and the excellent properties of the hybrid thermosets. <i>Applied Surface Science</i> , <b>2018</b> , 439, 638-648	6.7	9
231	Biobased epoxy resin derived from eugenol with excellent integrated performance and high renewable carbon content. <i>Polymer International</i> , <b>2018</b> , 67, 1194-1202	3.3	39
230	Flame-retardant cyanate ester resin with suppressed toxic volatiles based on environmentally friendly halloysite nanotube/graphene oxide hybrid. <i>Journal of Applied Polymer Science</i> , <b>2018</b> , 135, 46587-9	2.9	16
229	Preparation and origin of thermally resistant biobased epoxy resin with low internal stress and good UV resistance based on SiO <sub>2</sub> hybridized cellulose for light emitting diode encapsulation. <i>Applied Surface Science</i> , <b>2018</b> , 447, 315-324	6.7	16
228	A very low concentration of polybenzimidazole film interleaved bismaleimide/diallyl bisphenol a system with outstanding improvement in impact strength and excellent allround properties. <i>Polymer Composites</i> , <b>2018</b> , 39, 4569-4580	3	3
227	High-k 3D-barium titanate foam/phenolphthalein poly(ether sulfone)/cyanate ester composites with frequency-stable dielectric properties and extremely low dielectric loss under reduced concentration of ceramics. <i>Applied Surface Science</i> , <b>2018</b> , 427, 1046-1054	6.7	35
226	Development and mechanism of ultralow dielectric loss and toughened bismaleimide resins with high heat and moisture resistance based on unique amino-functionalized metal-organic frameworks. <i>Composites Part B: Engineering</i> , <b>2018</b> , 132, 28-34	10	27
225	Aramid fibre-based wearable electrochemical capacitors with high energy density and mechanical properties through chemical synergistic combination of multi-coatings. <i>Electrochimica Acta</i> , <b>2018</b> , 284, 149-158	6.7	6
224	Aminated aligned carbon nanotube bundles/polybenzimidazole hybrid film interleaved thermosetting composites with interface strengthening action. <i>Composites Part B: Engineering</i> , <b>2018</b> , 152, 256-266	10	4
223	Water-Phase Synthesis of a Biobased Allyl Compound for Building UV-Curable Flexible ThiolEne Polymer Networks with High Mechanical Strength and Transparency. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 7902-7909	8.3	41
222	Preparation and mechanism of shape memory bismaleimide resins with high transition temperature, high toughness and good processability. <i>Journal of Materials Science</i> , <b>2018</b> , 53, 10798-10811	4.3	24
221	Facilely Synthesizing Ethynyl Terminated All-Aromatic Liquid Crystalline Poly(esterimide)s with Good Processability and Thermal Resistance under Medium-Low Temperature via Direct Esterification. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2018</b> , 57, 7090-7098	3.9	6
220	Developing Reversible Self-Healing and Malleable Epoxy Resins with High Performance and Fast Recycling through Building Cross-Linked Network with New Disulfide-Containing Hardener. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2018</b> , 57, 12397-12406	3.9	42
219	Preparation and evaluation of Eglucan hydrogel prepared by the radiation technique for drug carrier applications. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 118, 333-339	7.9	8

218	A reconfiguring and self-healing thermoset epoxy/chain-extended bismaleimide resin system with thermally dynamic covalent bonds. <i>Polymer</i> , <b>2018</b> , 147, 170-182	3.9	35
217	Dielectric Polymer Materials with High Thermal Stability <b>2018</b> , 383-427		1
216	Building and origin of bio-based bismaleimide resins with good processability, high thermal, and mechanical properties. <i>Journal of Applied Polymer Science</i> , <b>2018</b> , 135, 45947	2.9	9
215	Simultaneously achieving superior foldability, mechanical strength and toughness for transparent healable polysiloxane films through building hierarchical crosslinked networks and dual dynamic bonds. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 23425-23434	13	21
214	Progress of heat resistant dielectric polymer nanocomposites with high dielectric constant. <i>IET Nanodielectrics</i> , <b>2018</b> , 1, 67-79	2.8	10
213	Fabrication of In Situ Nanofiber-Reinforced Molecular Composites by Nonequilibrium Self-Assembly. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 39293-39306	9.5	12
212	One-step synthesis of gene carrier via gamma irradiation and its application in tumor gene therapy. <i>International Journal of Nanomedicine</i> , <b>2018</b> , 13, 525-536	7.3	3
211	Developing thermally resistant polydopamine@nano turbostratic BN@CeO <sub>2</sub> double core-shell ultraviolet absorber with low light-catalysis activity and its grafted high performance aramid fibers. <i>Applied Surface Science</i> , <b>2018</b> , 452, 389-399	6.7	14
210	Preparation and property of epoxy resins-penetrated aligned carbon nanotube bundle hybrid microcapsules for self-healing polymers. <i>High Performance Polymers</i> , <b>2017</b> , 29, 396-410	1.6	5
209	Building unique surface structure on aramid fibers through a green layer-by-layer self-assembly technique to develop new high performance fibers with greatly improved surface activity, thermal resistance, mechanical properties and UV resistance. <i>Applied Surface Science</i> , <b>2017</b> , 411, 34-45	6.7	40
208	Improving the mechanical, thermal, dielectric and flame retardancy properties of cyanate ester with the encapsulated epoxy resin-penetrated aligned carbon nanotube bundle. <i>Composites Part B: Engineering</i> , <b>2017</b> , 123, 81-91	10	42
207	Multifunctional epoxy resin/polyacrylonitrile-lithium trifluoromethanesulfonate composites films with very high transparency, high dielectric permittivity, breakdown strength and mechanical properties. <i>Journal of Applied Polymer Science</i> , <b>2017</b> , 134, 45218	2.9	5
206	Synergistically building flame retarding thermosetting composites with high toughness and thermal stability through unique phosphorus and silicone hybridized graphene oxide. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2017</b> , 98, 174-183	8.4	34
205	Enhanced thermal and dielectric properties of hybrid organic/inorganic shell microcapsule/thermosetting resin nanocomposites. <i>Polymer International</i> , <b>2017</b> , 66, 1940-1948	3.3	5
204	Greatly improving energy storage density and reducing dielectric loss of carbon nanotube/cyanate ester composites through building a unique tri-layered structure with mica paper. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 21909-21918	13	33
203	Improving thermal stability and mechanical performance of polypropylene/polyurethane blend prepared by radiation-based techniques. <i>European Polymer Journal</i> , <b>2017</b> , 94, 366-375	5.2	16
202	Biobased Heat Resistant Epoxy Resin with Extremely High Biomass Content from 2,5-Furandicarboxylic Acid and Eugenol. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 7003-7011	8.3	125
201	Developing self-healable and antibacterial polyacrylate coatings with high mechanical strength through crosslinking by multi-amine hyperbranched polysiloxane via dynamic vinylogous urethane. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 16889-16897	13	39

200	A novel strategy of fabricating high performance UV-resistant aramid fibers with simultaneously improved surface activity, thermal and mechanical properties through building polydopamine and graphene oxide bi-layer coatings. <i>Chemical Engineering Journal</i> , <b>2017</b> , 310, 134-147	14.7	63
199	Cure kinetics of cyanate ester resin using microencapsulated dibutyltin dilaurate as catalyst. <i>Polymer Bulletin</i> , <b>2017</b> , 74, 1011-1030	2.4	7
198	Fabrication and origin of asymmetric polyvinylidene fluoride-carbon nanotube/cyanate ester materials with high dielectric constant and low dielectric loss through building double-layered structure. <i>High Voltage</i> , <b>2017</b> , 2, 32-38	4.1	8
197	Preparation and Characterization of Resorbable Bacterial Cellulose Membranes Treated by Electron Beam Irradiation for Guided Bone Regeneration. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	23
196	The Effect of Thickness of Resorbable Bacterial Cellulose Membrane on Guided Bone Regeneration. <i>Materials</i> , <b>2017</b> , 10,	3.5	21
195	Chestnut Honey Impregnated Carboxymethyl Cellulose Hydrogel for Diabetic Ulcer Healing. <i>Polymers</i> , <b>2017</b> , 9,	4.5	27
194	Development of high performance dental resin composites with outstanding antibacterial activity, high mechanical properties and low polymerization shrinkage based on a SiO <sub>2</sub> hybridized tetrapod-like zinc oxide whisker with CC bonds. <i>RSC Advances</i> , <b>2016</b> , 6, 56353-56364	3.7	7
193	Synthesis and characterization of novel epoxy resins-filled microcapsules with organic/inorganic hybrid shell for the self-healing of high performance resins. <i>Polymers for Advanced Technologies</i> , <b>2016</b> , 27, 1544-1556	3.2	17
192	Unique pure barium titanate foams with three-dimensional interconnecting pore channels and their high-k cyanate ester resin composites at very low barium titanate loading. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 10654-10663	7.1	19
191	Chemically stable polyphenylene ether microcapsules prepared using a facile method for the self-healing of polymers. <i>Polymer International</i> , <b>2016</b> , 65, 641-652	3.3	3
190	Thermally resistant unsaturated polyester resin with low dielectric loss based on special benzyl alcohol terminated hyperbranched polysiloxane for producing high efficiency motors using vacuum pressure impregnation technique. <i>RSC Advances</i> , <b>2016</b> , 6, 6672-6678	3.7	3
189	A strategy and mechanism of fabricating flame retarding glass fiber fabric reinforced vinyl ester composites with simultaneously improved thermal stability, impact and interlaminar shear strengths. <i>Polymer Degradation and Stability</i> , <b>2016</b> , 125, 49-58	4.7	13
188	Heat-resistant polyurethane films with great electrostatic dissipation capacity and very high thermally reversible self-healing efficiency based on multi-furan and liquid multi-maleimide polymers. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 4232-4241	13	66
187	Fabrication and origin of flame retarding glass fiber/bismaleimide resin composites with high thermal stability, good mechanical properties, and a low dielectric constant and loss for high frequency copper clad laminates. <i>RSC Advances</i> , <b>2016</b> , 6, 19638-19646	3.7	17
186	Tough and thermally resistant cyanate ester resin with significantly reduced curing temperature and low dielectric loss based on developing an efficient graphene oxide/Mn ion metal-organic framework hybrid. <i>RSC Advances</i> , <b>2016</b> , 6, 3290-3300	3.7	8
185	Dispersing carbon nanotubes in the unfavorable phase of an immiscible reverse-phase blend with Haake instrument to fabricate high- k nanocomposites with extremely low dielectric loss and percolation threshold. <i>Chemical Engineering Journal</i> , <b>2016</b> , 285, 650-659	14.7	26
184	Development of Styrene-Grafted Polyurethane by Radiation-Based Techniques. <i>Materials</i> , <b>2016</b> , 9,	3.5	5
183	Origin of Increasing Dielectric Constant at Lower Percolation Threshold through Controlling Spatial Distribution of Carbon Nanotubes in Epoxy Resin with Microwave-Assisted Thermal Curing Technique. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 28875-28885	3.8	14

182	Building a poly(epoxy propylimidazolium ionic liquid)/graphene hybrid through $\pi$ - $\pi$ interaction for fabricating high-k polymer composites with low dielectric loss and percolation threshold. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 3175-3184	7.1	31
181	Developing high performance cyanate ester resin with significantly reduced postcuring temperature while improved toughness, rigidity, thermal and dielectric properties based on manganese-Schiff base hybridized graphene oxide. <i>Chemical Engineering Journal</i> , <b>2016</b> , 298, 214-224	14.7	42
180	Significantly improving mechanical, thermal and dielectric properties of cyanate ester resin through building a new crosslinked network with unique polysiloxane@polyimide core-shell microsphere. <i>RSC Advances</i> , <b>2016</b> , 6, 40962-40969	3.7	9
179	Simultaneously toughening and strengthening cyanate ester resin with better dielectric properties by building nanostructures in its crosslinked network using polyimide-block-polysiloxane rod-coil block copolymers. <i>RSC Advances</i> , <b>2016</b> , 6, 49436-49447	3.7	9
178	Fabrication of variable frequency motors using polyester-imide-hybridized resins and hyperbranched polysiloxane coated nano-TiO <sub>2</sub> . <i>Journal of Materials Science</i> , <b>2015</b> , 50, 7314-7325	4.3	2
177	Tough Silica-Hybridized Epoxy Resin/Anhydride System with Good Corona Resistance and Thermal Stability for Permanent Magnet Synchronous Wind-Driven Generators through Vacuum Pressure Impregnation. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2015</b> , 54, 7102-7112	3.9	10
176	Novel tough and thermally stable cyanate ester resins with high flame retardancy, low dielectric loss and constant based on a phenolphthalein type polyarylether sulfone. <i>RSC Advances</i> , <b>2015</b> , 5, 58989-59002	3.7	19
175	Preparation of High Density Polyethylene/Waste Polyurethane Blends Compatibilized with Polyethylene-Graft-Maleic Anhydride by Radiation. <i>Materials</i> , <b>2015</b> , 8, 1626-1635	3.5	8
174	Unique surface modified aramid fibers with improved flame retardancy, tensile properties, surface activity and UV-resistance through in situ formation of hyperbranched polysiloxane/Te <sub>0.8</sub> Ca <sub>0.2</sub> O <sub>1.8</sub> hybrids. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 12515-12529	13	32
173	Green flame retarding bismaleimide resin with simultaneously good processing characteristics, high toughness and outstanding thermal stability based on a multi-functional organic boron compound. <i>Polymer Degradation and Stability</i> , <b>2015</b> , 118, 33-44	4.7	27
172	Fabrication and origin of new flame retarding bismaleimide resin system with low dielectric constant and loss based on microencapsulated hexaphenoxycyclotriphosphazene in low phosphorus content. <i>Polymer Degradation and Stability</i> , <b>2015</b> , 121, 157-170	4.7	26
171	Polyaniline coated carbon nanotube/graphene sandwich hybrid and its high-k epoxy composites with low dielectric loss and percolation threshold. <i>Applied Surface Science</i> , <b>2015</b> , 359, 754-765	6.7	29
170	Boost up dielectric constant and push down dielectric loss of carbon nanotube/cyanate ester composites via gradient and layered structure design. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 23162-23169	13	27
169	Significantly enhanced dielectric properties and energy storage density for high-k cyanate ester nanocomposites through building good dispersion of pristine carbon nanotubes in a matrix based on in situ non-covalent interaction with phenolphthalein poly(ether sulfone). <i>RSC Advances</i> , <b>2015</b> , 5, 94635-94644	3.7	5
168	Unique liquid multi-maleimide terminated branched polysiloxane and its flame retarding bismaleimide resin with outstanding thermal and mechanical properties. <i>Polymer Degradation and Stability</i> , <b>2015</b> , 121, 30-41	4.7	19
167	New glass fiber/bismaleimide composites with significantly improved flame retardancy, higher mechanical strength and lower dielectric loss. <i>Composites Part B: Engineering</i> , <b>2015</b> , 71, 96-102	10	25
166	In situ vacuum exfoliation plus microwave curing: A facile and green technique for preparing polymeric composites with very good dispersion based on expanded graphite. <i>Polymer Composites</i> , <b>2015</b> , 36, 385-388	3	1
165	Efficient production of 5-hydroxymethylfurfural through the dehydration of sugars with caprolactam hydrogen sulfate ([CPL]HSO <sub>4</sub> ) ionic liquid catalyst in a water/propylene glycol monomethyl ether mixed solvent. <i>Research on Chemical Intermediates</i> , <b>2015</b> , 41, 5311-5321	2.8	3





146	Multifunctional cyclotriphosphazene/hexagonal boron nitride hybrids and their flame retarding bismaleimide resins with high thermal conductivity and thermal stability. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 14931-44	9.5	125
145	Multi-functional ladderlike polysiloxane: synthesis, characterization and its high performance flame retarding bismaleimide resins with simultaneously improved thermal resistance, dimensional stability and dielectric properties. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 7491-7501	13	45
144	High performance low-k cyanate ester resins with a thermally stable cyclodextrin microsphere. <i>RSC Advances</i> , <b>2014</b> , 4, 16136-16145	3.7	14
143	Unique hybridized carbon nanotubes and their high performance flame retarding composites with high smoke suppression, good toughness and low curing temperature. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 4975-4988	13	44
142	Preparation of End-Capped Hyperbranched Polyaniline@Carbon Nanotube Hybrids for High-k Composites with Extremely Low Percolation Threshold and Dielectric Loss. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2014</b> , 53, 4726-4731	3.9	18
141	Unique hybridized graphene and its high dielectric constant composites with enhanced frequency stability, low dielectric loss and percolation threshold. <i>Carbon</i> , <b>2014</b> , 77, 920-932	10.4	49
140	Facile Preparation of Hyperbranched Polysiloxane-Grafted Aramid Fibers with Simultaneously Improved UV Resistance, Surface Activity, and Thermal and Mechanical Properties. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2014</b> , 53, 2684-2696	3.9	48
139	Synthesis of poly(urea-formaldehyde) encapsulated dibutyltin dilaurate through the self-catalysis of core materials. <i>Polymer Bulletin</i> , <b>2014</b> , 71, 261-273	2.4	13
138	The interaction between unique hyperbranched polyaniline and carbon nanotubes, and its influence on the dielectric behavior of hyperbranched polyaniline/carbon nanotube/epoxy resin composites. <i>Journal of Nanoparticle Research</i> , <b>2014</b> , 16, 1	2.3	18
137	Low-Cost Preparation of High-k Expanded Graphite/Carbon Nanotube/Cyanate Ester Composites with Low Dielectric Loss and Low Percolation Threshold. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2014</b> , 53, 2661-2672	3.9	18
136	Radiation-induced biomimetic modification of dual-layered nano/microfibrous scaffolds for vascular tissue engineering. <i>Biotechnology and Bioprocess Engineering</i> , <b>2014</b> , 19, 118-125	3.1	13
135	Promotion of human mesenchymal stem cell differentiation on bioresorbable polycaprolactone/biphasic calcium phosphate composite scaffolds for bone tissue engineering. <i>Biotechnology and Bioprocess Engineering</i> , <b>2014</b> , 19, 341-349	3.1	17
134	Facile Preparation and Origin of High-k Carbon Nanotube/Poly(Ether Imide)/Bismaleimide Composites through Controlling the Location and Distribution of Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 24091-24101	3.8	28
133	Unique UV-resistant and surface active aramid fibers with simultaneously enhanced mechanical and thermal properties by chemically coating Ce <sub>0.8</sub> Ca <sub>0.2</sub> O <sub>1.8</sub> having low photocatalytic activity. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 11286	13	25
132	Preparation of high k expanded graphite/CaCuTi <sub>4</sub> O <sub>12</sub> /cyanate ester composites with low dielectric loss through controlling the interfacial action between conductors and ceramics. <i>Composites Part B: Engineering</i> , <b>2014</b> , 58, 66-75	10	15
131	Preparation of hydrogel by radiation for the healing of diabetic ulcer. <i>Radiation Physics and Chemistry</i> , <b>2014</b> , 94, 176-180	2.5	28
130	Fabrication of SiO <sub>2</sub> covered ZrO <sub>2</sub> electrospun fibres with controllable structure and their novel high-performance composites with outstanding thermal, mechanical and dielectric properties. <i>Journal of Composite Materials</i> , <b>2014</b> , 48, 3201-3214	2.7	6
129	Effect and origin of the structure of hyperbranched polysiloxane on the surface and integrated performances of grafted Kevlar fibers. <i>Applied Surface Science</i> , <b>2014</b> , 320, 883-894	6.7	11

128	Flame retardance and origin of bismaleimide resin composites with green and efficient aluminum phosphates. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131, n/a-n/a	2.9	1
127	The origin of the curing behavior, mechanical and thermal properties of surface functionalized attapulgite/bismaleimide/diallylbisphenol composites. <i>Applied Surface Science</i> , <b>2014</b> , 288, 435-443	6.7	18
126	The dielectric behavior and origin of high-k composites with very low percolation threshold based on unique multi-branched polyaniline/carbon nanotube hybrids and epoxy resin. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2014</b> , 64, 1-10	8.4	36
125	Novel polyphenylene oxide microcapsules filled with epoxy resins. <i>Polymers for Advanced Technologies</i> , <b>2013</b> , 24, 81-89	3.2	14
124	Facilely preparing various new titania electrospun fibers with controllable nanostructures using a three-step method. <i>Journal of Sol-Gel Science and Technology</i> , <b>2013</b> , 67, 451-457	2.3	2
123	High Performance Miscible Polyetherimide/Bismaleimide Resins with Simultaneously Improved Integrated Properties Based on a Novel Hyperbranched Polysiloxane Having a High Degree of Branching. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2013</b> , 52, 5054-5065	3.9	24
122	Low-cost and facile fabrication of titanium dioxide coated oxidized titanium diboride-epoxy resin composites with high dielectric constant and extremely low dielectric loss. <i>RSC Advances</i> , <b>2013</b> , 3, 7071	3.7	19
121	Synthesis of TiO <sub>2</sub> pillared montmorillonite with ordered interlayer mesoporous structure and high photocatalytic activity by an intra-gallery templating method. <i>Materials Research Bulletin</i> , <b>2013</b> , 48, 3948-3954 <sup>31</sup>	5.1	31
120	Synthesis and characterization of zinc chloride containing poly(acrylic acid) hydrogel by gamma irradiation. <i>Radiation Physics and Chemistry</i> , <b>2013</b> , 88, 60-64	2.5	17
119	Synthesis of a fully capped mesoporous silica and its hybrids with extremely low dielectric constant and loss. <i>Microporous and Mesoporous Materials</i> , <b>2013</b> , 176, 199-208	5.3	10
118	The synthesis of porous crosslinked poly(phenylene oxide)-epoxy polymer microspheres. <i>Materials Letters</i> , <b>2013</b> , 95, 114-116	3.3	1
117	High performance cyanate ester resins/reactive porous polymeric microsphere systems with low-temperature processability. <i>Composites Science and Technology</i> , <b>2013</b> , 85, 148-155	8.6	20
116	A novel inorganic-organic hybridized intumescent flame retardant and its super flame retarding cyanate ester resins. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 2169-2182	13	84
115	Synthesis of mesoporous iron-incorporated silica-pillared clay and catalytic performance for phenol hydroxylation. <i>Applied Surface Science</i> , <b>2013</b> , 285, 721-726	6.7	13
114	High-k Materials with Low Dielectric Loss Based on Two Superposed Gradient Carbon Nanotube/Cyanate Ester Composites. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 15487-15495	3.8	30
113	A Novel Hyperbranched Polysiloxane Containing Epoxy and Phosphaphenanthrene Groups and its Multi-Functional Modification of Cyanate Ester Resin. <i>Soft Materials</i> , <b>2013</b> , 11, 346-352	1.7	14
112	CaCu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> electrospun fibre: A new form of CaCu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> and its dielectric property. <i>Journal of Alloys and Compounds</i> , <b>2013</b> , 549, 11-17	5.7	23
111	The influence of the short-term ultraviolet radiation on the structure and properties of poly(p-phenylene terephthalamide) fibers. <i>Applied Surface Science</i> , <b>2013</b> , 265, 519-526	6.7	30

110	Low-temperature cure high-performance cyanate ester resins/microencapsulated catalyst systems. <i>Polymer Engineering and Science</i> , <b>2013</b> , 53, 1871-1877	2.3	9
109	A cyanate ester/microcapsule system with low cure temperature and self-healing capacity. <i>Composites Science and Technology</i> , <b>2013</b> , 87, 111-117	8.6	42
108	Two-layer materials of polyethylene and a carbon nanotube/cyanate ester composite with high dielectric constant and extremely low dielectric loss. <i>Carbon</i> , <b>2013</b> , 54, 224-233	10.4	96
107	Surface functionalization of hexagonal boron nitride and its effect on the structure and performance of composites. <i>Applied Surface Science</i> , <b>2013</b> , 270, 561-571	6.7	46
106	Novel phosphorus-containing hyperbranched polysiloxane and its high performance flame retardant cyanate ester resins. <i>Polymer Degradation and Stability</i> , <b>2013</b> , 98, 597-608	4.7	73
105	Thermally Conductive Aluminum Nitride/Multiwalled Carbon Nanotube/Cyanate Ester Composites with High Flame Retardancy and Low Dielectric Loss. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2013</b> , 52, 3342-3353	3.9	48
104	Flame Retardancy and Mechanism of Bismaleimide Resins Based on a Unique Inorganic/Organic Hybridized Intumescent Flame Retardant. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2013</b> , 52, 15075-15087	3.9	33
103	High performance self-healing bismaleimide/diallylbisphenol a/poly(phenylene oxide) microcapsules composites with low temperature processability. <i>Polymer Composites</i> , <b>2013</b> , 34, 335-342	3	14
102	The relationship between the compatibility and thermodegradation stability of modified polyetherimide/bismaleimide resins by hyperbranched polysiloxane with high degree of branching. <i>Polymers for Advanced Technologies</i> , <b>2013</b> , 24, 1051-1061	3.2	5
101	Novel low phosphorus-content bismaleimide resin system with outstanding flame retardancy and low dielectric loss. <i>Polymer Degradation and Stability</i> , <b>2012</b> , 97, 698-706	4.7	50
100	Preparation and properties of novel high performance UV-curable epoxy acrylate/hyperbranched polysiloxane coatings. <i>Progress in Organic Coatings</i> , <b>2012</b> , 74, 142-150	4.8	49
99	Novel high-performance wave-transparent aluminum phosphate/cyanate ester composites. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 123, 1576-1583	2.9	15
98	Synthesis of epoxy-functionalized hyperbranched poly(phenylene oxide) and its modification of cyanate ester resin. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 123, 2351-2359	2.9	17
97	High performance hybrids based on a novel incompletely condensed polyhedral oligomeric silsesquioxane and bismaleimide resin with improved thermal and dielectric properties. <i>Journal of Materials Science</i> , <b>2012</b> , 47, 2548-2558	4.3	23
96	Preparation and properties of maleimide-functionalized hyperbranched polysiloxane and its hybrids based on cyanate ester resin. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 126, 205-215	2.9	9
95	A facile and green preparation of poly(glycidyl methacrylate) coated aramide fibers. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 8960		23
94	Facile Synthesis and Catalytic Performance of Fe-Containing Silica-Pillared Clay Derivatives with Ordered Interlayer Mesoporous Structure. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2012</b> , 51, 15593-15600	3.9	13
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92	Preparation and properties of hollow silica tubes/bismaleimide/diallylbisphenol A composites with improved toughness, dielectric properties, and flame retardancy. <i>Polymers for Advanced Technologies</i> , <b>2012</b> , 23, 326-335	3.2	13
91	Synthesis of mesoporous silica and its modification of bismaleimide/cyanate ester resin with improved thermal and dielectric properties. <i>Polymers for Advanced Technologies</i> , <b>2012</b> , 23, 454-462	3.2	14
90	Preparation and properties of addition curable silicone resins with excellent dielectric properties and thermal resistance. <i>Polymer Engineering and Science</i> , <b>2012</b> , 52, 259-267	2.3	12
89	Properties and structures of novel cyanate ester/organic rectorite nanocomposites. <i>Polymer Engineering and Science</i> , <b>2012</b> , 52, 2443-2453	2.3	6
88	A facile method to prepare zirconia electrospun fibers with different morphologies and their novel composites based on cyanate ester resin. <i>RSC Advances</i> , <b>2012</b> , 2, 1364-1372	3.7	18
87	High-performance hexagonal boron nitride/bismaleimide composites with high thermal conductivity, low coefficient of thermal expansion, and low dielectric loss. <i>Polymers for Advanced Technologies</i> , <b>2012</b> , 23, 919-928	3.2	61
86	Investigation of correlation between microstructure and dielectric properties of cyanate ester/silicate tube hybrids by positron annihilation lifetime spectroscopy. <i>Polymers for Advanced Technologies</i> , <b>2012</b> , 23, 1121-1128	3.2	8
85	High efficiency synthesis of octavinylsilsesquioxanes and its high performance hybrids based on bismaleimide-triazine resin. <i>Polymers for Advanced Technologies</i> , <b>2012</b> , 23, 1219-1228	3.2	12
84	Preparation of high thermal conductive aluminum nitride/cyanate ester nanocomposite using a new macromolecular coupling agent. <i>Polymers for Advanced Technologies</i> , <b>2012</b> , 23, 1503-1510	3.2	16
83	Characterization and structure analysis of PLGA/collagen nanofibrous membranes by electrospinning. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 125, E595-E603	2.9	12
82	Biodegradable polycaprolactone/cuttlebone scaffold composite using salt leaching process. <i>Korean Journal of Chemical Engineering</i> , <b>2012</b> , 29, 931-934	2.8	8
81	The production of carbon nanotube/epoxy composites with a very high dielectric constant and low dielectric loss by microwave curing. <i>Carbon</i> , <b>2012</b> , 50, 689-698	10.4	146
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75	High density polyethylene membrane filled with alumina prepared by a gamma ray irradiation. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2011</b> , 11, 7483-6	1.3	4

74	Improving tribological properties of bismaleimide nanocomposite filled with carbon nanotubes treated by atmospheric pressure filamentary dielectric barrier discharge. <i>Composites Part B: Engineering</i> , <b>2011</b> , 42, 2117-2122	10	6
73	Preparation and properties of hollow silica tubes/cyanate ester hybrids for high-frequency copper-clad laminates. <i>Journal of Materials Science</i> , <b>2011</b> , 46, 1571-1580	4.3	25
72	Novel high performance functionalized ladderlike polyphenylsilsesquioxane/bismaleimide hybrids with very good flame retardancy, thermal, and dimensional stability. <i>Journal of Materials Science</i> , <b>2011</b> , 46, 7649-7659	4.3	7
71	Preparation and properties of novel resins based on cyanate ester and hyperbranched polysiloxane. <i>Journal of Polymer Research</i> , <b>2011</b> , 18, 139-149	2.7	19
70	Liquid crystalline epoxy resin modified cyanate ester for high performance electronic packaging. <i>Journal of Polymer Research</i> , <b>2011</b> , 18, 1441-1450	2.7	27
69	Dielectric properties and their dependence of polyetherimide/bismaleimide blends for high performance copper clad laminates. <i>Journal of Polymer Research</i> , <b>2011</b> , 18, 1459-1467	2.7	21
68	Lubrication Effect of the Paraffin Oil Filled with Functionalized Multiwalled Carbon Nanotubes for Bismaleimide Resin. <i>Tribology Letters</i> , <b>2011</b> , 42, 59-65	2.8	44
67	Synthesis and properties of hyaluronic acid containing copolymers crosslinked by $\gamma$ irradiation. <i>Macromolecular Research</i> , <b>2011</b> , 19, 436-441	1.9	10
66	Preparation and properties of cyanate ester/polyorganosiloxane blends with lower dielectric loss and improved toughness. <i>Polymers for Advanced Technologies</i> , <b>2011</b> , 22, 262-269	3.2	20
65	Novel toughened cyanate ester resin with good dielectric properties and thermal stability by copolymerizing with hyperbranched polysiloxane and epoxy resin. <i>Polymers for Advanced Technologies</i> , <b>2011</b> , 22, 710-717	3.2	53
64	Preparation and properties of new high performance maleimide-triazine resins for resin transfer molding. <i>Polymers for Advanced Technologies</i> , <b>2011</b> , 22, 1572-1580	3.2	9
63	Preparation of high performance foams with excellent dielectric property based on toughened bismaleimide resin. <i>Polymers for Advanced Technologies</i> , <b>2011</b> , 22, 1731-1737	3.2	12
62	Novel fiber reinforced bismaleimide/diallyl bisphenol A/microcapsules composites. <i>Polymers for Advanced Technologies</i> , <b>2011</b> , 22, 2264-2272	3.2	1
61	Solventless silicone hybrids based on polyhedral oligomeric silsesquioxane and hyperbranched polysiloxane for vacuum pressure impregnation process. <i>Polymers for Advanced Technologies</i> , <b>2011</b> , 22, 2415-2423	3.2	6
60	Modified cyanate ester resins with lower dielectric loss, improved thermal stability, and flame retardancy. <i>Polymers for Advanced Technologies</i> , <b>2011</b> , 22, 2617-2625	3.2	13
59	A novel hybrid catalyst system and its effects on the curing, thermal, and dielectric properties of cyanate ester. <i>Polymer Engineering and Science</i> , <b>2011</b> , 51, 2236-2244	2.3	15
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57	Preparation and properties of high-performance polysilsesquioxanes/bismaleimide-triazine hybrids. <i>Journal of Applied Polymer Science</i> , <b>2011</b> , 120, 360-367	2.9	11

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54	Preparation and properties of transparent zinc oxide/silicone nanocomposites for the packaging of high-power light-emitting diodes. <i>Journal of Applied Polymer Science</i> , <b>2011</b> , 121, 2018-2028	2.9	20
53	Curing behavior and dielectric properties of hyperbranched poly(phenylene oxide)/cyanate ester resins. <i>Journal of Applied Polymer Science</i> , <b>2011</b> , 121, 2113-2122	2.9	20
52	Curing kinetics and mechanism of novel high performance hyperbranched polysiloxane/bismaleimide/cyanate ester resins for resin transfer molding. <i>Journal of Applied Polymer Science</i> , <b>2011</b> , 122, 304-312	2.9	15
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50	The effect of oxygen-plasma treatment on Kevlar fibers and the properties of Kevlar fibers/bismaleimide composites. <i>Applied Surface Science</i> , <b>2011</b> , 257, 3158-3167	6.7	90
49	The thermal and dielectric properties of high performance cyanate ester resins/microcapsules composites. <i>Polymer Degradation and Stability</i> , <b>2011</b> , 96, 84-90	4.7	26
48	Flame retardancy and flame retarding mechanism of high performance hyperbranched polysiloxane modified bismaleimide/cyanate ester resin. <i>Polymer Degradation and Stability</i> , <b>2011</b> , 96, 505-514	4.7	49
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45	Preparation and characterization of novel cyanate ester/epoxy resin microspheres. <i>Colloid and Polymer Science</i> , <b>2010</b> , 288, 719-729	2.4	6
44	Novel modification of bismaleimide triazine resin by reactive hyperbranched polysiloxane. <i>Journal of Materials Science</i> , <b>2010</b> , 45, 1859-1865	4.3	40
43	New composites with high thermal conductivity and low dielectric constant for microelectronic packaging. <i>Polymer Composites</i> , <b>2010</b> , 31, 307-313	3	58
42	MODIFICATION OF BISMALIMIDE RESIN BY HYPERBRANCHED POLYSILOXANE. <i>Acta Polymerica Sinica</i> , <b>2010</b> , 00, 1245-1252		3
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34	Improved microhardness and microtribological properties of bismaleimide nanocomposites obtained by enhancing interfacial interaction through carbon nanotube functionalization. <i>Polymers for Advanced Technologies</i> , <b>2009</b> , 20, 849-856	3.2	12
33	Preparation and properties of poly(urea-formaldehyde) microcapsules filled with epoxy resins. <i>Materials Chemistry and Physics</i> , <b>2008</b> , 110, 417-425	4.4	101
32	Improving dispersion of multiwalled carbon nanotubes in polyamide 6 composites through amino-functionalization. <i>Journal of Applied Polymer Science</i> , <b>2007</b> , 106, 2898-2906	2.9	32
31	Isothermal crystallization kinetics and melting behavior of multiwalled carbon nanotubes/polyamide-6 composites. <i>Journal of Applied Polymer Science</i> , <b>2007</b> , 105, 3531-3542	2.9	55
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29	Carboxyl-terminated butadiene-acrylonitrile rubber modified cyanate ester resin. <i>Journal of Applied Polymer Science</i> , <b>2007</b> , 106, 3098-3104	2.9	17
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17	Thermal and Mechanical Performances of Diallyl Phthalate/Clay Nanocomposites. <i>Polymer-Plastics Technology and Engineering</i> , <b>2006</b> , 45, 957-961		5
16	Structure and properties of multiwalled carbon nanotubes/cyanate ester composites. <i>Polymer Engineering and Science</i> , <b>2006</b> , 46, 670-679	2.3	15
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13	Effect of multi-walled carbon nanotubes on non-isothermal crystallization kinetics of polyamide 6. <i>European Polymer Journal</i> , <b>2006</b> , 42, 3230-3235	5.2	67
12	Thermal degradation behavior of multi-walled carbon nanotubes/polyamide 6 composites. <i>Polymer Degradation and Stability</i> , <b>2006</b> , 91, 2046-2052	4.7	74
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10	Novel high performance RTM bismaleimide resin with low cure temperature for advanced composites. <i>Polymers for Advanced Technologies</i> , <b>2005</b> , 16, 563-566	3.2	25
9	Structure and properties of CE/CTBN/EP blends: II. Effect of EP on the mechanical properties and thermostability of the CE/CTBN system. <i>Polymer International</i> , <b>2005</b> , 54, 369-373	3.3	11
8	Toughening of cyanate ester resin by carboxyl terminated nitrile rubber. <i>Polymers for Advanced Technologies</i> , <b>2004</b> , 15, 628-631	3.2	38
7	The effect of morphology on the optical properties of transparent epoxy/montmorillonite composites. <i>Polymer International</i> , <b>2004</b> , 53, 85-91	3.3	34
6	Preparation and properties of a novel high-performance resin system with low injection temperature for resin transfer moulding. <i>Polymer International</i> , <b>2004</b> , 53, 1388-1393	3.3	16
5	Structure-Property Correlation for Optically Transparent Epoxy/Montmorillonite Hybrids. I. Synthesis and Optical/Thermal Properties. <i>Polymer-Plastics Technology and Engineering</i> , <b>2003</b> , 42, 899-910		5
4	Thermal stability and kinetics analysis of rubber-modified epoxy resin by high-resolution thermogravimetric analysis. <i>Journal of Applied Polymer Science</i> , <b>2003</b> , 89, 3594-3600	2.9	15
3	Thermal degradation behaviour and kinetic analysis of epoxy/montmorillonite nanocomposites. <i>Polymer Degradation and Stability</i> , <b>2003</b> , 80, 383-391	4.7	130



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| 2 | Study of ultrafiltration membrane made from polyvinyl chloride/polyacrylonitrile blend. <i>Polymer-Plastics Technology and Engineering</i> , <b>2001</b> , 40, 615-625 |     | 6  |
| 1 | Toughening Bismaleimide Resins by N-Allyl Aromatic Amine. <i>Polymer Journal</i> , <b>1997</b> , 29, 553-556   | 2.7 | 19 |