

Jia-Zhuang Xu

List of Publications by Year in descending order

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119
papers

4,396
citations

109321

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123424

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120
all docs

120
docs citations

120
times ranked

3884
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultra-slippy, nonirritating, and anti-inflammatory hyaluronic acid-based coating to mitigate intubation injury. <i>Chemical Engineering Journal</i> , 2022, 427, 130911.	12.7	11
2	Topographic Cues Guiding Cell Polarization via Distinct Cellular Mechanosensing Pathways. <i>Small</i> , 2022, 18, e2104328.	10.0	40
3	Oriented co-continuous 3D porous scaffolds with inhibited activating functionality: An effective strategy to inhibit the hyperactivation of astrocytes. <i>Materials and Design</i> , 2022, 213, 110352.	7.0	1
4	Mucosa-Like Conformal Hydrogel Coating for Aqueous Lubrication. <i>Advanced Materials</i> , 2022, 34, e2108848.	21.0	37
5	Interfacial Banded Transcrystallization of Polyoxymethylene/Poly(butylene succinate) Blends Induced by the Polyamide 6 Fiber. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2022, 40, 394-402.	3.8	1
6	Promoted Formation of β Crystals in the Polymorph Selection of Syndiotactic Polystyrene under the Coupling of Pressure, Flow, and Temperature. <i>Macromolecules</i> , 2022, 55, 5094-5103.	4.8	2
7	Dual-functional thermal management materials for highly thermal conduction and effectively heat generation. <i>Composites Part B: Engineering</i> , 2022, 242, 110084.	12.0	27
8	Nanotopographical 3D-Printed Poly(ϵ -caprolactone) Scaffolds Enhance Proliferation and Osteogenic Differentiation of Urine-Derived Stem Cells for Bone Regeneration. <i>Pharmaceutics</i> , 2022, 14, 1437.	4.5	14
9	How the Aggregates Determine Bound Rubber Models in Silicone Rubber? A Contrast Matching Neutron Scattering Study. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2021, 39, 365-376.	3.8	10
10	Polyphenol-Assisted Chemical Crosslinking: A New Strategy to Achieve Highly Crosslinked, Antioxidative, and Antibacterial Ultrahigh-Molecular-Weight Polyethylene for Total Joint Replacement. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 373-381.	5.2	10
11	Enhanced piezoelectricity from highly polarizable oriented amorphous fractions in biaxially oriented poly(vinylidene fluoride) with pure β crystals. <i>Nature Communications</i> , 2021, 12, 675.	12.8	85
12	Simultaneously constructing nanotopographical and chemical cues in 3D-printed polylactic acid scaffolds to promote bone regeneration. <i>Materials Science and Engineering C</i> , 2021, 118, 111457.	7.3	21
13	Rapid Melt Crystallization of Bisphenol-A Polycarbonate Jointly Induced by Pressure and Flow. <i>Macromolecules</i> , 2021, 54, 2383-2393.	4.8	17
14	Imparting Gradient and Oriented Characters to Cocontinuous Structure for Improving Integrated Performance. <i>Macromolecular Chemistry and Physics</i> , 2021, 222, 2100012.	2.2	7
15	Highly Thermally Conductive Graphene-Based Thermal Interface Materials with a Bilayer Structure for Central Processing Unit Cooling. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 25325-25333.	8.0	39
16	Controlled bacteriostasis of tea polyphenol loaded ultrahigh molecular weight polyethylene with high crosslink density and oxidation resistance for total joint replacement. <i>Materials Science and Engineering C</i> , 2021, 124, 112040.	7.3	11
17	Fabrication of Highly Anisotropic and Interconnected Porous Scaffolds to Promote Preosteoblast Proliferation for Bone Tissue Engineering. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2021, 39, 1191-1199.	3.8	4
18	Ultrahigh molecular weight polyethylene with improved crosslink density, oxidation stability, and microbial inhibition by chemical crosslinking and tea polyphenols for total joint replacements. <i>Journal of Applied Polymer Science</i> , 2021, 138, 51261.	2.6	2

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19	Synergy between vitamin E and D-sorbitol in enhancing oxidation stability of highly crosslinked ultrahigh molecular weight polyethylene. <i>Acta Biomaterialia</i> , 2021, 134, 302-312.	8.3	9
20	Green Production of Covalently Functionalized Boron Nitride Nanosheets via Saccharide-Assisted Mechanochemical Exfoliation. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 11155-11162.	6.7	23
21	Surface Epitaxial Nano-Topography Facilitates Biomineralization to Promote Osteogenic Differentiation and Osteogenesis. <i>ACS Omega</i> , 2021, 6, 21792-21800.	3.5	4
22	Highly thermal conductive, anisotropically heat-transferred, mechanically flexible composite film by assembly of boron nitride nanosheets for thermal management. <i>Composites Part B: Engineering</i> , 2020, 180, 107569.	12.0	114
23	Insights into Oxidation of the Ultrahigh Molecular Weight Polyethylene Artificial Joint Related to Lipid Peroxidation. <i>ACS Applied Bio Materials</i> , 2020, 3, 547-553.	4.6	9
24	Highly improved aqueous lubrication of polymer surface by noncovalently bonding hyaluronic acid-based hydration layer for endotracheal intubation. <i>Biomaterials</i> , 2020, 262, 120336.	11.4	19
25	Antibacterial and anti-inflammatory ultrahigh molecular weight polyethylene/tea polyphenol blends for artificial joint applications. <i>Journal of Materials Chemistry B</i> , 2020, 8, 10428-10438.	5.8	21
26	Promoted Bone Regeneration by 3D-Printed Porous Scaffolds with the Synergy of a Nanotopological Morphology and Amino Modification. <i>ACS Applied Bio Materials</i> , 2020, 3, 8627-8639.	4.6	4
27	Superior and highly absorbed electromagnetic interference shielding performance achieved by designing the reflection-absorption-integrated shielding compartment with conductive wall and lossy core. <i>Chemical Engineering Journal</i> , 2020, 393, 124644.	12.7	87
28	Surface-Directed Self-Epitaxial Crystallization of Poly(ϵ -caprolactone) from Isotropic to Highly Orientated Lamellae. <i>Macromolecules</i> , 2020, 53, 1736-1744.	4.8	10
29	Poly lactide porous biocomposites with high heat resistance by utilizing cellulose template-directed construction. <i>Cellulose</i> , 2020, 27, 3805-3819.	4.9	7
30	Achieving excellent thermally conductive and electromagnetic shielding performance by nondestructive functionalization and oriented arrangement of carbon nanotubes in composite films. <i>Composites Science and Technology</i> , 2020, 194, 108190.	7.8	59
31	Combination of nanolamellae and PDA coating on promoting the long-term adhesion, proliferation, and differentiation of osteoblasts. <i>Polymer</i> , 2020, 196, 122462.	3.8	7
32	Improved oxidation and wear resistance of ultrahigh molecular weight polyethylene using cross-linked powder reinforcement. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 716-723.	3.4	8
33	Role of lamellar thickening in thick lamellae formation in isotactic polypropylene when crystallizing under flow and pressure. <i>Polymer</i> , 2019, 179, 121641.	3.8	7
34	Extensional Stress-Induced Orientation and Crystallization can Regulate the Balance of Toughness and Stiffness of Polylactide Films: Interplay of Oriented Amorphous Chains and Crystallites. <i>Macromolecules</i> , 2019, 52, 5278-5288.	4.8	79
35	Highly thermally conductive and mechanically robust composite of linear ultrahigh molecular weight polyethylene and boron nitride via constructing nacre-like structure. <i>Composites Science and Technology</i> , 2019, 184, 107858.	7.8	42
36	Surface Epitaxial Crystallization-Directed Nanotopography for Accelerating Preosteoblast Proliferation and Osteogenic Differentiation. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 42956-42963.	8.0	12

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37	Unique Banded Cylindrites of Polyoxymethylene/Poly(butylene succinate) Blends Induced by Interfacial Shear. ACS Applied Polymer Materials, 2019, 1, 2741-2750.	4.4	4
38	Achieving high thermal conductivity and mechanical reinforcement in ultrahigh molecular weight polyethylene bulk material. Polymer, 2019, 180, 121760.	3.8	25
39	Nacre-like composite films with high thermal conductivity, flexibility, and solvent stability for thermal management applications. Journal of Materials Chemistry C, 2019, 7, 9018-9024.	5.5	79
40	Polydopamine-Assisted Anchor of Chitosan onto Porous Composite Scaffolds for Accelerating Bone Regeneration. ACS Biomaterials Science and Engineering, 2019, 5, 2998-3006.	5.2	32
41	Selective electromagnetic interference shielding performance and superior mechanical strength of conductive polymer composites with oriented segregated conductive networks. Chemical Engineering Journal, 2019, 373, 556-564.	12.7	147
42	Nanotopographical polymeric surface with mussel-inspired decoration to enhance osteoblast differentiation. Applied Surface Science, 2019, 481, 987-993.	6.1	15
43	An efficient, food contact accelerator for stereocomplexation of high-molecular-weight poly() Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.8	29
44	Accelerating Bone Healing by Decorating BMP-2 on Porous Composite Scaffolds. ACS Applied Bio Materials, 2019, 2, 5717-5726.	4.6	12
45	High Oxidation Stability of Tea Polyphenol-stabilized Highly Crosslinked UHMWPE Under an in Vitro Aggressive Oxidative Condition. Clinical Orthopaedics and Related Research, 2019, 477, 1947-1955.	1.5	12
46	Enhanced oxidation stability of highly cross-linked ultrahigh molecular weight polyethylene by tea polyphenols for total joint implants. Materials Science and Engineering C, 2019, 94, 211-219.	7.3	27
47	Hydrophobic Graphene Oxide as a Promising Barrier of Water Vapor for Regenerated Cellulose Nanocomposite Films. ACS Omega, 2019, 4, 509-517.	3.5	46
48	Promoting osteoblast proliferation on polymer bone substitutes with bone-like structure by combining hydroxyapatite and bioactive glass. Materials Science and Engineering C, 2019, 96, 1-9.	7.3	19
49	Flow-induced crystallization of polylactide stereocomplex under pressure. Journal of Applied Polymer Science, 2018, 135, 46378.	2.6	9
50	Efficient electromagnetic interference shielding of lightweight carbon nanotube/polyethylene composites via compression molding plus salt-leaching. RSC Advances, 2018, 8, 8849-8855.	3.6	33
51	Shear-induced stereocomplex cylindrites in polylactic acid racemic blends: Morphology control and interfacial performance. Polymer, 2018, 140, 179-187.	3.8	30
52	Synergetic enhancement of thermal conductivity by constructing hybrid conductive network in the segregated polymer composites. Composites Science and Technology, 2018, 162, 7-13.	7.8	141
53	The Role of Melt Memory and Template Effect in Complete Stereocomplex Crystallization and Phase Morphology of Polylactides. Crystal Growth and Design, 2018, 18, 1613-1621.	3.0	32
54	Toward biomimetic porous poly(ϵ -caprolactone) scaffolds: Structural evolution and morphological control during solid phase extrusion. Composites Science and Technology, 2018, 156, 192-202.	7.8	19

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55	Increased oxidative protection by high active vitamin E content and partial radiation crosslinking of UHMWPE. <i>Journal of Orthopaedic Research</i> , 2018, 36, 1860-1867.	2.3	14
56	An unusual promotion of β -crystals in metallocene-made isotactic polypropylene from orientational relaxation and favorable temperature window induced by shear. <i>Polymer</i> , 2018, 134, 196-203.	3.8	14
57	Constructing highly oriented segregated structure towards high-strength carbon nanotube/ultrahigh-molecular-weight polyethylene composites for electromagnetic interference shielding. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018, 110, 237-245.	7.6	93
58	Flow-Induced Precursor Formation of Poly(<i>l</i> -lactic acid) under Pressure. <i>ACS Omega</i> , 2018, 3, 15471-15481.	3.5	7
59	Role of HA and BG in engineering poly(μ -caprolactone) porous scaffolds for accelerating cranial bone regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 107, 654-662.	4.0	15
60	Bone-like Polymeric Composites with a Combination of Bioactive Glass and Hydroxyapatite: Simultaneous Enhancement of Mechanical Performance and Bioactivity. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 4434-4442.	5.2	10
61	Wearable Polyethylene/Polyamide Composite Fabric for Passive Human Body Cooling. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 41637-41644.	8.0	65
62	New insights into thermal conductivity of uniaxially stretched high density polyethylene films. <i>Polymer</i> , 2018, 154, 42-47.	3.8	32
63	Core-shell nanoparticles toughened polylactide with excellent transparency and stiffness-toughness balance. <i>Composites Science and Technology</i> , 2018, 164, 168-177.	7.8	39
64	Highly Anisotropic, Thermally Conductive, and Mechanically Strong Polymer Composites with Nacre-like Structure for Thermal Management Applications. <i>ACS Applied Nano Materials</i> , 2018, 1, 3312-3320.	5.0	48
65	Enhanced Thermal Conductivity of Segregated Poly(vinylidene fluoride) Composites via Forming Hybrid Conductive Network of Boron Nitride and Carbon Nanotubes. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 10391-10397.	3.7	58
66	Can Relaxor Ferroelectric Behavior Be Realized for Poly(vinylidene fluoride)-chloro Units in PVDF Crystals?. <i>Macromolecules</i> , 2018, 51, 5460-5472.	4.8	38
67	Largely enhanced mechanical property of segregated carbon nanotube/poly(vinylidene fluoride) composites with high electromagnetic interference shielding performance. <i>Composites Science and Technology</i> , 2018, 167, 260-267.	7.8	74
68	Largely enhanced mechanical performance of poly(butylene succinate) multiple system <i>via</i> shear stress-induced orientation of the hierarchical structure. <i>Journal of Materials Chemistry A</i> , 2018, 6, 13373-13385.	10.3	18
69	Layer structure by shear-induced crystallization and thermal mechanical properties of injection-molded poly(<i>l</i> -lactide) with nucleating agents. <i>Polymer</i> , 2017, 110, 196-210.	3.8	30
70	Melt processing and structural manipulation of highly linear disentangled ultrahigh molecular weight polyethylene. <i>Chemical Engineering Journal</i> , 2017, 315, 132-141.	12.7	37
71	A high heat-resistance bioplastic foam with efficient electromagnetic interference shielding. <i>Chemical Engineering Journal</i> , 2017, 323, 29-36.	12.7	136
72	Highly aligned and interconnected porous poly(μ -caprolactone) scaffolds derived from co-continuous polymer blends. <i>Materials and Design</i> , 2017, 128, 112-118.	7.0	16

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73	Advances in Enhancing Mechanical Performance of Ultrahigh Molecular Weight Polyethylene Used for Total Joint Replacement. ACS Symposium Series, 2017, , 273-294.	0.5	3
74	Effects of Solvents on Stereocomplex Crystallization of High-Molecular-Weight Polylactic Acid Racemic Blends in the Presence of Carbon Nanotubes. Macromolecular Chemistry and Physics, 2017, 218, 1700292.	2.2	3
75	Promoting Interfacial Transcrystallization in Polylactide/Ramie Fiber Composites by Utilizing Stereocomplex Crystals. ACS Sustainable Chemistry and Engineering, 2017, 5, 7128-7136.	6.7	20
76	Simultaneous reinforcement and toughening of polymer/hydroxyapatite composites by constructing bone-like structure. Composites Science and Technology, 2017, 151, 234-242.	7.8	31
77	Engineering Porous Poly(lactic acid) Scaffolds with High Mechanical Performance via a Solid State Extrusion/Progen Leaching Approach. Polymers, 2016, 8, 213.	4.5	49
78	Graphene oxide induced isotactic polypropylene crystallization: role of structural reduction. RSC Advances, 2016, 6, 23930-23941.	3.6	20
79	Inducing Stereocomplex Crystals by Template Effect of Residual Stereocomplex Crystals during Thermal Annealing of Injection-Molded Polylactide. Industrial & Engineering Chemistry Research, 2016, 55, 10896-10905.	3.7	28
80	Highly Efficient Composite Barrier Wall-Consisting of Concentrated Graphene Oxide Nanosheets and Impermeable Crystalline Structure for Poly(lactic acid) Nanocomposite Films. Industrial & Engineering Chemistry Research, 2016, 55, 9544-9554.	3.7	15
81	Preferential formation of stereocomplex in high-molecular-weight polylactic acid racemic blend induced by carbon nanotubes. Polymer, 2016, 105, 167-171.	3.8	39
82	Converting of Bulk Polymers into Nanofibrils via Hot Stretching of Polymer Blends. , 2016, , 225-249.		0
83	Robust Interfacial Cylindrites of Polylactic Acid Modulated by an Intense Shear Flow Field. ACS Sustainable Chemistry and Engineering, 2016, 4, 3558-3566.	6.7	17
84	Simultaneously improving wear resistance and mechanical performance of ultrahigh molecular weight polyethylene via cross-linking and structural manipulation. Polymer, 2016, 90, 222-231.	3.8	24
85	Temperature dependence of molecular conformation in uniaxially deformed isotactic polypropylene investigated by combination of polarized FTIR spectroscopy and 2D correlation analysis. Journal of Polymer Science, Part B: Polymer Physics, 2015, 53, 673-684.	2.1	12
86	Highly Enhanced Crystallization Kinetics of Poly(l-lactic acid) by Poly(ethylene glycol) Grafted Graphene Oxide Simultaneously as Heterogeneous Nucleation Agent and Chain Mobility Promoter. Macromolecules, 2015, 48, 4891-4900.	4.8	93
87	The crystallization behavior of biodegradable poly(butylene succinate) in the presence of organically modified clay with a wide range of loadings. Chinese Journal of Polymer Science (English Edition), 2015, 33, 576-586.	3.8	15
88	Nucleation Ability of Thermally Reduced Graphene Oxide for Polylactide: Role of Size and Structural Integrity. Journal of Physical Chemistry B, 2015, 119, 4777-4787.	2.6	18
89	Effects of extrusion draw ratio on the morphology, structure and mechanical properties of poly(l-lactic acid) fabricated using solid state ram extrusion. RSC Advances, 2015, 5, 69016-69023.	3.6	9
90	Injection-molded hydroxyapatite/polyethylene bone-analogue biocomposites via structure manipulation. Journal of Materials Chemistry B, 2015, 3, 7585-7593.	5.8	11

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91	Low-dimensional carbonaceous nanofiller induced polymer crystallization. <i>Progress in Polymer Science</i> , 2014, 39, 555-593.	24.7	140
92	Crystallization of isotactic polypropylene inside dense networks of carbon nanofillers. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	0
93	Non-isothermal crystallization kinetics of alkyl-functionalized graphene oxide/high-density polyethylene nanocomposites. <i>Composite Interfaces</i> , 2014, 21, 203-215.	2.3	12
94	Self-reinforced polyethylene blend for artificial joint application. <i>Journal of Materials Chemistry B</i> , 2014, 2, 971.	5.8	35
95	Improved performance balance of polyethylene by simultaneously forming oriented crystals and blending ultrahigh-molecular-weight polyethylene. <i>RSC Advances</i> , 2014, 4, 1512-1520.	3.6	35
96	Molecular weight-modulated electrospun poly(μ -caprolactone) membranes for postoperative adhesion prevention. <i>RSC Advances</i> , 2014, 4, 41696-41704.	3.6	33
97	Multiple stage crystallization of gamma phase poly(vinylidene fluoride) induced by ion-dipole interaction as revealed by time-resolved FTIR and two-dimensional correlation analysis. <i>Polymer</i> , 2014, 55, 4765-4775.	3.8	37
98	Improved barrier properties of poly(lactic acid) with randomly dispersed graphene oxide nanosheets. <i>Journal of Membrane Science</i> , 2014, 464, 110-118.	8.2	170
99	Mechanical properties and biocompatibility of melt processed, self-reinforced ultrahigh molecular weight polyethylene. <i>Biomaterials</i> , 2014, 35, 6687-6697.	11.4	69
100	Poly(l-lactic acid) Crystallization in a Confined Space Containing Graphene Oxide Nanosheets. <i>Journal of Physical Chemistry B</i> , 2013, 117, 10641-10651.	2.6	52
101	Role of surface chemical groups on carbon nanotubes in nucleation for polymer crystallization: Interfacial interaction and steric effect. <i>Polymer</i> , 2013, 54, 6479-6488.	3.8	61
102	Strong Shear Flow-Driven Simultaneous Formation of Classic Shish-Kebab, Hybrid Shish-Kebab, and Transcrystallinity in Poly(lactic acid)/Natural Fiber Biocomposites. <i>ACS Sustainable Chemistry and Engineering</i> , 2013, 1, 1619-1629.	6.7	89
103	Crystalline Structure Changes in Preoriented Metallocene-Based Isotactic Polypropylene upon Annealing. <i>Journal of Physical Chemistry B</i> , 2013, 117, 7113-7122.	2.6	17
104	Nonlinear current-voltage characteristics of conductive polyethylene composites with carbon black filled pet microfibrils. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2013, 31, 211-217.	3.8	17
105	Non-isothermal crystallization kinetics of poly(phenylene sulfide) with low crosslinking levels. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2013, 31, 462-470.	3.8	8
106	Ultraporous poly(lactic acid) scaffolds with improved mechanical performance using high pressure molding and salt leaching. <i>Journal of Applied Polymer Science</i> , 2013, 130, 3509-3520.	2.6	9
107	Crystallization Properties of Isotactic Polypropylene-Graphene Nanocomposites. <i>RSC Nanoscience and Nanotechnology</i> , 2012, , 227-263.	0.2	0
108	Tuning the Superstructure of Ultrahigh-Molecular-Weight Polyethylene/Low-Molecular-Weight Polyethylene Blend for Artificial Joint Application. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 1521-1529.	8.0	66

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109	Role of Ion-Dipole Interactions in Nucleation of Gamma Poly(vinylidene fluoride) in the Presence of Graphene Oxide during Melt Crystallization. <i>Journal of Physical Chemistry B</i> , 2012, 116, 14951-14960.	2.6	64
110	Suppressing of ^{13}C -Crystal Formation in Metallocene-Based Isotactic Polypropylene during Isothermal Crystallization under Shear Flow. <i>Journal of Physical Chemistry B</i> , 2012, 116, 5056-5063.	2.6	17
111	Highly crystallized poly (lactic acid) under high pressure. <i>AIP Advances</i> , 2012, 2, .	1.3	38
112	Graphene Oxide Nanosheet Induced Intrachain Conformational Ordering in a Semicrystalline Polymer. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 530-535.	4.6	53
113	Shear Flow and Carbon Nanotubes Synergistically Induced Nonisothermal Crystallization of Poly(lactic acid) and Its Application in Injection Molding. <i>Biomacromolecules</i> , 2012, 13, 3858-3867.	5.4	95
114	Non-isothermal crystallization of ethylene-vinyl acetate copolymer containing a high weight fraction of graphene nanosheets and carbon nanotubes. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2012, 30, 879-892.	3.8	16
115	Isothermal and nonisothermal crystallization of isotactic polypropylene/graphene oxide nanosheet nanocomposites. <i>Journal of Polymer Research</i> , 2012, 19, 1.	2.4	44
116	In-situ synchrotron x-ray scattering study on isothermal crystallization of ethylene-vinyl acetate copolymers containing a high weight fraction of carbon nanotubes and graphene nanosheets. <i>Journal of Polymer Research</i> , 2012, 19, 1.	2.4	9
117	Graphene Nanosheets and Shear Flow Induced Crystallization in Isotactic Polypropylene Nanocomposites. <i>Macromolecules</i> , 2011, 44, 2808-2818.	4.8	160
118	Shear induced crystallization of poly(L-lactide) and poly(ethylene glycol) (PLLA-PEG-PLLA) copolymers with different block length. <i>Journal of Polymer Research</i> , 2011, 18, 675-680.	2.4	20
119	Isothermal Crystallization of Poly(L-lactide) Induced by Graphene Nanosheets and Carbon Nanotubes: A Comparative Study. <i>Macromolecules</i> , 2010, 43, 5000-5008.	4.8	308