Zhong-Ming Li

List of Publications by Year
in descending order

362	18,644	10389	19749
papers	citations	72 h-index	117 g-index

365	365	365	11493
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Natural cellulose supported carbon nanotubes and Fe3O4 NPs as the efficient peroxydisulfate activator for the removal of bisphenol A: An enhanced non-radical oxidation process. Journal of Hazardous Materials, 2022, 423, 127054.	12.4	25
2	Highly enhanced microwave absorption for carbon nanotube/barium ferrite composite with ultra-low carbon nanotube loading. Journal of Materials Science and Technology, 2022, 102, 115-122.	10.7	37
3	Ultra-slippery, nonirritating, and anti-inflammatory hyaluronic acid-based coating to mitigate intubation injury. Chemical Engineering Journal, 2022, 427, 130911.	12.7	11
4	Facile fabrication of highly durable superhydrophobic strain sensors for subtle human motion detection. Journal of Materials Science and Technology, 2022, 110, 35-42.	10.7	17
5	Topographic Cues Guiding Cell Polarization via Distinct Cellular Mechanosensing Pathways. Small, 2022, 18, e2104328.	10.0	40
6	Insight into the Excellent Tribological Performance of Highly Oriented Poly(phenylene sulfide). Chinese Journal of Polymer Science (English Edition), 2022, 40, 290-298.	3.8	3
7	Mucosaâ€Like Conformal Hydrogel Coating for Aqueous Lubrication. Advanced Materials, 2022, 34, e2108848.	21.0	37
8	Effective electromagnetic interference shielding properties of micro-truss structured CNT/Epoxy composites fabricated based on visible light processing. Composites Science and Technology, 2022, 221, 109296.	7.8	20
9	In-situ constructing robust cellulose nanocomposite hydrogel network with well-dispersed dual catalysts for the efficient, stable and recyclable photo-Fenton degradation. Cellulose, 2022, 29, 1929-1942.	4.9	8
10	Synergistically Improved Oxygen Barrier Properties of Polyethylene Terephthalate by Combining â€œActiveâ€•and â€œPassiveâ€•Barrier Techniques. Macromolecular Materials and Engineering, 2022, 307, .	3.6	4
11	Interfacial Banded Transcrystallization of Polyoxymethylene/Poly(butylene succinate) Blends Induced by the Polyamide 6 Fiber. Chinese Journal of Polymer Science (English Edition), 2022, 40, 394-402.	3.8	1
12	Enhanced Dielectric and Ferroelectric Properties of Poly(vinylidene fluoride) through Annealing Oriented Crystallites under High Pressure. Macromolecules, 2022, 55, 2014-2027.	4.8	42
13	Quantitative Investigation on Structural Evolution of Co-continuous Phase under Shear Flow. Chinese Journal of Polymer Science (English Edition), 2022, 40, 593-601.	3.8	3
14	Low-voltage and controllable-developed actuator with bilayer structure based on triple-shape actuation. Composites Science and Technology, 2022, 222, 109399.	7.8	7
15	Flexible andWater-proof nylon mesh with ultralow silver content for effective electromagnetic interference shielding effectiveness. Chemical Engineering Journal, 2022, 439, 135662.	12.7	8
16	Dynamic chemical bonds design strategy for fabricating fast room-temperature healable dielectric elastomer with significantly improved actuation performance. Chemical Engineering Journal, 2022, 439, 135683.	12.7	16
17	CNT-assisted design of stable liquid metal droplets for flexible multifunctional composites. Composites Part B: Engineering, 2022, 239, 109961.	12.0	40
18	Imparting Cellulose Acetate Films with Hydrophobicity, High Transparency, and Self-Cleaning Function by Constructing a Slippery Liquid-Infused Porous Surface. Industrial & Engineering Chemistry Research, 2022, 61, 7962-7970.	3.7	7

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19	Carbon aerogel microspheres with in-situ mineralized TiO2 for efficient microwave absorption. Nano Research, 2022, 15, 7723-7730.	10.4	28
20	Promoted Formation of Î± Crystals in the Polymorph Selection of Syndiotatic Polystyrene under the Coupling of Pressure, Flow, and Temperature. Macromolecules, 2022, 55, 5094-5103.	4.8	2
21	Dual-functional thermal management materials for highly thermal conduction and effectively heat generation. Composites Part B: Engineering, 2022, 242, 110084.	12.0	27
22	Superior Ductile and High-barrier Poly(lactic acid) Films by Constructing Oriented Nanocrystals as Efficient Reinforcement of Chain Entanglement Network and Promising Barrier Wall. Chinese Journal of Polymer Science (English Edition), 2022, 40, 1201-1212.	3.8	9
23	Nanotopographical 3D-Printed Poly(Îµ-caprolactone) Scaffolds Enhance Proliferation and Osteogenic Differentiation of Urine-Derived Stem Cells for Bone Regeneration. Pharmaceutics, 2022, 14, 1437.	4.5	14
24	How the Aggregates Determine Bound Rubber Models in Silicone Rubber? A Contrast Matching Neutron Scattering Study. Chinese Journal of Polymer Science (English Edition), 2021, 39, 365-376.	3.8	10
25	Structural regulation of poly(urea-formaldehyde) microcapsules containing lube base oil and their thermal properties. Progress in Organic Coatings, 2021, 150, 105990.	3.9	11
26	3D-printing of segregated carbon nanotube/polylactic acid composite with enhanced electromagnetic interference shielding and mechanical performance. Materials and Design, 2021, 197, 109222.	7.0	63
27	Durably Ductile, Transparent Polystyrene Based on Extensional Stress-Induced Rejuvenation Stabilized by Styreneâ€“Butadiene Block Copolymer Nanofibrils. ACS Macro Letters, 2021, 10, 71-77.	4.8	12
28	Polyphenol-Assisted Chemical Crosslinking: A New Strategy to Achieve Highly Crosslinked, Antioxidative, and Antibacterial Ultrahigh-Molecular-Weight Polyethylene for Total Joint Replacement. ACS Biomaterials Science and Engineering, 2021, 7, 373-381.	5.2	10
29	Highly thermally conductive liquid metal-based composites with superior thermostability for thermal management. Journal of Materials Chemistry C, 2021, 9, 2904-2911.	5.5	110
30	Ultrathin, flexible and sandwich-structured PHBV/silver nanowire films for high-efficiency electromagnetic interference shielding. Journal of Materials Chemistry C, 2021, 9, 3307-3315.	5.5	34
31	Enhanced piezoelectricity from highly polarizable oriented amorphous fractions in biaxially oriented poly(vinylidene fluoride) with pure Î² crystals. Nature Communications, 2021, 12, 675.	12.8	85
32	Simultaneously constructing nanotopographical and chemical cues in 3D-printed polylactic acid scaffolds to promote bone regeneration. Materials Science and Engineering C, 2021, 118, 111457.	7.3	21
33	Rapid Melt Crystallization of Bisphenol-A Polycarbonate Jointly Induced by Pressure and Flow. Macromolecules, 2021, 54, 2383-2393.	4.8	17
34	Superhydrophobic, Self-Cleaning, and Robust Properties of Oriented Polylactide Imparted by Surface Structuring. ACS Sustainable Chemistry and Engineering, 2021, 9, 6296-6304.	6.7	21
35	Coupling effect of pressure and flow fields on the crystallization of Poly(vinylidene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 102	3.8	13
36	Imparting Gradient and Oriented Characters to Cocontinuous Structure for Improving Integrated Performance. Macromolecular Chemistry and Physics, 2021, 222, 2100012.	2.2	7

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37	Multifunctional Membrane for Thermal Management Applications. ACS Applied Materials & Interfaces, 2021, 13, 19301-19311.	8.0	36
38	Highly Thermally Conductive Graphene-Based Thermal Interface Materials with a Bilayer Structure for Central Processing Unit Cooling. ACS Applied Materials & Interfaces, 2021, 13, 25325-25333.	8.0	39
39	Simultaneous enhancement of breakdown strength and discharged energy efficiency of tri-layered polymer nanocomposite films by incorporating modified graphene oxide nanosheets. Journal of Materials Science, 2021, 56, 13165.	3.7	6
40	Flexible and heat-resistant carbon nanotube/graphene/polyimide foam for broadband microwave absorption. Composites Science and Technology, 2021, 212, 108848.	7.8	28
41	Controlled bacteriostasis of tea polyphenol loaded ultrahigh molecular weight polyethylene with high crosslink density and oxidation resistance for total joint replacement. Materials Science and Engineering C, 2021, 124, 112040.	7.3	11
42	Fabrication of Highly Anisotropic and Interconnected Porous Scaffolds to Promote Preosteoblast Proliferation for Bone Tissue Engineering. Chinese Journal of Polymer Science (English Edition), 2021, 39, 1191-1199.	3.8	4
43	Ultralight carbon nanotube/graphene/polyimide foam with heterogeneous interfaces for efficient electromagnetic interference shielding and electromagnetic wave absorption. Carbon, 2021, 176, 118-125.	10.3	122
44	Ultrahigh molecular weight polyethylene with improved crosslink density, oxidation stability, and microbial inhibition by chemical crosslinking and tea polyphenols for total joint replacements. Journal of Applied Polymer Science, 2021, 138, 51261.	2.6	2
45	Highly Thermally Conductive Fluorinated Graphene/Aramid Nanofiber Films with Superior Mechanical Properties and Thermostability. Industrial & Engineering Chemistry Research, 2021, 60, 8451-8459.	3.7	17
46	Synergy between vitamin E and D-sorbitol in enhancing oxidation stability of highly crosslinked ultrahigh molecular weight polyethylene. Acta Biomaterialia, 2021, 134, 302-312.	8.3	9
47	Flexible Poly(vinylidene fluoride)-MXene/Silver Nanowire Electromagnetic Shielding Films with Joule Heating Performance. Industrial & Engineering Chemistry Research, 2021, 60, 9824-9832.	3.7	38
48	Environmentally friendly regenerated cellulose films with improved dielectric properties via manipulating the hydrogen bonding network. Applied Physics Letters, 2021, 119, .	3.3	9
49	Green Production of Covalently Functionalized Boron Nitride Nanosheets via Saccharide-Assisted Mechanochemical Exfoliation. ACS Sustainable Chemistry and Engineering, 2021, 9, 11155-11162.	6.7	23
50	A Healable and Mechanically Enhanced Composite with Segregated Conductive Network Structure for High-Efficient Electromagnetic Interference Shielding. Nano-Micro Letters, 2021, 13, 162.	27.0	62
51	Low-Voltage Actuator with Bilayer Structure for Various Biomimetic Locomotions. ACS Applied Materials & Interfaces, 2021, 13, 43449-43457.	8.0	11
52	Low-temperature carbonized carbon nanotube/cellulose aerogel for efficient microwave absorption. Composites Part B: Engineering, 2021, 220, 108985.	12.0	95
53	Coupling Effect of Mechanical and Thermal Rejuvenation for Polystyrene: Toward High Performance of Stiffness, Ductility, and Transparency. Macromolecules, 2021, 54, 8875-8885.	4.8	11
54	Constructing robust chain entanglement network, well-defined nanosized crystals and highly aligned graphene oxide nanosheets: Towards strong, ductile and high barrier Poly(lactic acid) nanocomposite films for green packaging. Composites Part B: Engineering, 2021, 222, 109048.	12.0	29

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55	Carbonized cotton textile with hierarchical structure for superhydrophobicity and efficient electromagnetic interference shielding. Composites Part A: Applied Science and Manufacturing, 2021, 149, 106555.	7.6	28
56	Highly stretchable and durable fibrous strain sensor with growth ring-like spiral structure for wearable electronics. Composites Part B: Engineering, 2021, 225, 109275.	12.0	27
57	A wearable multifunctional fabric with excellent electromagnetic interference shielding and passive radiation heating performance. Composites Part B: Engineering, 2021, 225, 109299.	12.0	44
58	Facile heteroatom doping of biomass-derived carbon aerogels with hierarchically porous architecture and hybrid conductive network: Towards high electromagnetic interference shielding effectiveness and high absorption coefficient. Composites Part B: Engineering, 2021, 224, 109175.	12.0	50
59	Aramid nanofiber assisted preparation of self-standing liquid metal-based films for ultrahigh electromagnetic interference shielding. Chemical Engineering Journal, 2021, 426, 131288.	12.7	44
60	Superior actuation performance and healability achieved in a transparent, highly stretchable dielectric elastomer film. Journal of Materials Chemistry C, 2021, 9, 12239-12247.	5.5	13
61	Room-temperature repeatedly processable baroplastic/boron nitride thermal management composite. Journal of Materials Chemistry C, 2021, 9, 10388-10397.	5.5	2
62	Tribological Properties of Self-Lubricating Thermoplastic Polyurethane/Oil-Loaded Microcapsule Composites Based on Melt Processing. Industrial & Engineering Chemistry Research, 2021, 60, 16023-16031.	3.7	4
63	Transparent radiative cooling films containing poly(methylmethacrylate), silica, and silver. Optical Materials, 2021, 122, 111651.	3.6	21
64	Water-based conductive ink for highly efficient electromagnetic interference shielding coating. Chemical Engineering Journal, 2020, 384, 123368.	12.7	86
65	Highly thermal conductive, anisotropically heat-transferred, mechanically flexible composite film by assembly of boron nitride nanosheets for thermal management. Composites Part B: Engineering, 2020, 180, 107569.	12.0	114
66	Novel passive cooling composite textile for both outdoor and indoor personal thermal management. Composites Part A: Applied Science and Manufacturing, 2020, 130, 105738.	7.6	62
67	Multilayer WPU conductive composites with controllable electro-magnetic gradient for absorption-dominated electromagnetic interference shielding. Composites Part A: Applied Science and Manufacturing, 2020, 129, 105692.	7.6	177
68	Insights into Oxidation of the Ultrahigh Molecular Weight Polyethylene Artificial Joint Related to Lipid Peroxidation. ACS Applied Bio Materials, 2020, 3, 547-553.	4.6	9
69	Understanding the Morphological and Structural Evolution of Î±- and Î³-Poly(vinylidene fluoride) During High Temperature Uniaxial Stretching by In Situ Synchrotron X-ray Scattering. Industrial & Engineering Chemistry Research, 2020, 59, 18567-18578.	3.7	5
70	Highly improved aqueous lubrication of polymer surface by noncovalently bonding hyaluronic acid-based hydration layer for endotracheal intubation. Biomaterials, 2020, 262, 120336.	11.4	19
71	Antibacterial and anti-inflammatory ultrahigh molecular weight polyethylene/tea polyphenol blends for artificial joint applications. Journal of Materials Chemistry B, 2020, 8, 10428-10438.	5.8	21
72	An electrically conductive polymer composite with a co-continuous segregated structure for enhanced mechanical performance. Journal of Materials Chemistry C, 2020, 8, 11546-11554.	5.5	40

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73	Stretchable Liquid Metal-Based Conductive Textile for Electromagnetic Interference Shielding. ACS Applied Materials & Interfaces, 2020, 12, 53230-53238.	8.0	85
74	Nondestructive and Quantitative Characterization of Bulk Injection-Molded Polylactide Using SAXS Microtomography. Macromolecules, 2020, 53, 6498-6509.	4.8	13
75	Steric stabilizer-based promotion of uniform polyaniline shell for enhanced electromagnetic wave absorption of carbon nanotube/polyaniline hybrids. Composites Part B: Engineering, 2020, 199, 108309.	12.0	36
76	Tuning wettability and mechanical property of polylactide composite films with in-situ nanofibrils of poly(butylene adipate-co-terephthalate). Composites Communications, 2020, 22, 100515.	6.3	12
77	Hybrid Metamaterial Textiles for Passive Personal Cooling Indoors and Outdoors. ACS Applied Polymer Materials, 2020, 2, 4379-4386.	4.4	35
78	Healable polyurethane/carbon nanotube composite with segregated structure for efficient electromagnetic interference shielding. Composites Science and Technology, 2020, 200, 108446.	7.8	41
79	Effects of Rigid Amorphous Fraction and Lamellar Crystal Orientation on Electrical Insulation of Poly(ethylene terephthalate) Films. Macromolecules, 2020, 53, 3967-3977.	4.8	34
80	Significantly improved high-temperature performance of polymer dielectric via building nanosheets and confined space. Composites Part B: Engineering, 2020, 196, 108108.	12.0	22
81	Structure and Properties of All-Cellulose Composites Prepared by Controlling the Dissolution Temperature of a NaOH/Urea Solvent. Industrial & Engineering Chemistry Research, 2020, 59, 10428-10435.	3.7	17
82	Self-assembled reduced graphene oxide/nickel nanofibers with hierarchical core-shell structure for enhanced electromagnetic wave absorption. Carbon, 2020, 167, 530-540.	10.3	80
83	Tailored Surface Porosity of Polyethylene-Based Co-continuous Structures for Moving Bed Biofilm Reactor Carriers. ACS Applied Polymer Materials, 2020, 2, 3226-3233.	4.4	4
84	Injection molding of segregated carbon nanotube/polypropylene composite with enhanced electromagnetic interference shielding and mechanical performance. Composites Science and Technology, 2020, 197, 108253.	7.8	62
85	A Scalable Hybrid Fiber and Its Textile with Pore and Wrinkle Structures for Passive Personal Cooling. Advanced Materials Technologies, 2020, 5, 2000287.	5.8	33
86	Superior and highly absorbed electromagnetic interference shielding performance achieved by designing the reflection-absorption-integrated shielding compartment with conductive wall and lossy core. Chemical Engineering Journal, 2020, 393, 124644.	12.7	87
87	Highly Efficient Three-Dimensional Gas Barrier Network for Biodegradable Nanocomposite Films at Extremely Low Loading Levels of Graphene Oxide Nanosheets. Industrial & Engineering Chemistry Research, 2020, 59, 5818-5827.	3.7	16
88	Facile Construction of a Superhydrophobic Surface on a Textile with Excellent Electrical Conductivity and Stretchability. Industrial & Engineering Chemistry Research, 2020, 59, 7546-7553.	3.7	25
89	Structuring Hierarchically Porous Architecture in Biomass-Derived Carbon Aerogels for Simultaneously Achieving High Electromagnetic Interference Shielding Effectiveness and High Absorption Coefficient. ACS Applied Materials & Interfaces, 2020, 12, 18840-18849.	8.0	102
90	Spatial dependence of ordering process in bulk materials of polylactide and its multiple system during hygrothermal aging. Polymer Degradation and Stability, 2020, 174, 109107.	5.8	5

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91	Surface-Directed Self-Epitaxial Crystallization of Poly(Îµ-caprolactone) from Isotropic to Highly Orientated Lamellae. Macromolecules, 2020, 53, 1736-1744.	4.8	10
92	Polylactide porous biocomposites with high heat resistance by utilizing cellulose template-directed construction. Cellulose, 2020, 27, 3805-3819.	4.9	7
93	Lightweight and Robust Carbon Nanotube/Polyimide Foam for Efficient and Heat-Resistant Electromagnetic Interference Shielding and Microwave Absorption. ACS Applied Materials & Interfaces, 2020, 12, 8704-8712.	8.0	227
94	Self-healing and flexible carbon nanotube/polyurethane composite for efficient electromagnetic interference shielding. Composites Part B: Engineering, 2020, 193, 108015.	12.0	100
95	Asymmetric conductive polymer composite foam for absorption dominated ultra-efficient electromagnetic interference shielding with extremely low reflection characteristics. Journal of Materials Chemistry A, 2020, 8, 9146-9159.	10.3	196
96	Achieving excellent thermally conductive and electromagnetic shielding performance by nondestructive functionalization and oriented arrangement of carbon nanotubes in composite films. Composites Science and Technology, 2020, 194, 108190.	7.8	59
97	Better Choice: Linear Long Chains Rather than Branched Ones to Improve Mechanical Performance of Polyethylene through Generating Shish-Kebabs. Chinese Journal of Polymer Science (English Edition), 2020, 38, 715-729.	3.8	4
98	Humidity sensitive cellulose composite aerogels with enhanced mechanical performance. Cellulose, 2020, 27, 6287-6297.	4.9	13
99	Baroplastics with Ultrahigh Strength and Modulus via Hydrogen-Bonding Interactions with Agar. ACS Applied Polymer Materials, 2020, 2, 5550-5557.	4.4	1
100	A reliable and highly conductive carbon nanotube/thermoplastic polyurethane composite with an enhanced segregated structure for electrically driven heater applications. Journal of Materials Chemistry C, 2020, 8, 8814-8822.	5.5	17
101	High thermal conductivity of chain-aligned bulk linear ultra-high molecular weight polyethylene. Journal of Applied Physics, 2019, 125, .	2.5	15
102	Role of lamellar thickening in thick lamellae formation in isotactic polypropylene when crystallizing under flow and pressure. Polymer, 2019, 179, 121641.	3.8	7
103	Extensional Stress-Induced Orientation and Crystallization can Regulate the Balance of Toughness and Stiffness of Polylactide Films: Interplay of Oriented Amorphous Chains and Crystallites. Macromolecules, 2019, 52, 5278-5288.	4.8	79
104	PVDF/PMMA dielectric films with notably decreased dielectric loss and enhanced highâ€temperature tolerance. Journal of Polymer Science, Part B: Polymer Physics, 2019, 57, 1043-1052.	2.1	31
105	Highly thermally conductive and mechanically robust composite of linear ultrahigh molecular weight polyethylene and boron nitride via constructing nacre-like structure. Composites Science and Technology, 2019, 184, 107858.	7.8	42
106	Surface Epitaxial Crystallization-Directed Nanotopography for Accelerating Preosteoblast Proliferation and Osteogenic Differentiation. ACS Applied Materials & Interfaces, 2019, 11, 42956-42963.	8.0	12
107	Highly Stretchable and Sensitive Strain Sensor with Porous Segregated Conductive Network. ACS Applied Materials & Interfaces, 2019, 11, 37094-37102.	8.0	116
108	Unique Banded Cylindrites of Polyoxymethylene/Poly(butylene succinate) Blends Induced by Interfacial Shear. ACS Applied Polymer Materials, 2019, 1, 2741-2750.	4.4	4

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109	Achieving high thermal conductivity and mechanical reinforcement in ultrahigh molecular weight polyethylene bulk material. Polymer, 2019, 180, 121760.	3.8	25
110	Robust cellulose nanocomposite films based on covalently cross-linked network with effective resistance to water permeability. Carbohydrate Polymers, 2019, 211, 237-248.	10.2	15
111	Interconnected Microdomain Structure of a Cross-Linked Cellulose Nanocomposite Revealed by Micro-Raman Imaging and Its Influence on Water Permeability of a Film. Biomacromolecules, 2019, 20, 2754-2762.	5.4	6
112	Enhanced thermal conductivity of multilayered sheets of polyethylene and boron nitride via promoting molecular diffusion between layers. Journal of Applied Physics, 2019, 125, .	2.5	8
113	Highly conductive and stretchable carbon nanotube/thermoplastic polyurethane composite for wearable heater. Composites Science and Technology, 2019, 181, 107695.	7.8	83
114	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
115	Structuring dense three-dimensional sheet-like skeleton networks in biomass-derived carbon aerogels for efficient electromagnetic interference shielding. Carbon, 2019, 152, 316-324.	10.3	76
116	Highly Sensitive and Stretchable Polyurethane Fiber Strain Sensors with Embedded Silver Nanowires. ACS Applied Materials & Interfaces, 2019, 11, 23649-23658.	8.0	122
117	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
118	Evolution of Polymorphic Structure in Î²-Nucleated Isotactic Polypropylene under a Certain Pressure: Effects of Temperature and Flow. Industrial & Engineering Chemistry Research, 2019, 58, 5677-5685.	3.7	4
119	Nanotopographical polymeric surface with mussel-inspired decoration to enhance osteoblast differentiation. Applied Surface Science, 2019, 481, 987-993.	6.1	15
120	An efficient, food contact accelerator for stereocomplexation of high-molecular-weight poly() Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	3.8	29
121	Robust hydrogel of regenerated cellulose by chemical crosslinking coupled with polyacrylamide network. Journal of Applied Polymer Science, 2019, 136, 47811.	2.6	17
122	Constructing Sandwich-Architectured Poly(<scp>l</scp>-lactide)/High-Melting-Point Poly(<scp>l</scp>-lactide) Nonwoven Fabrics: Toward Heat-Resistant Poly(<scp>l</scp>-lactide) Barrier Biocomposites with Full Biodegradability. ACS Applied Bio Materials, 2019, 2, 1357-1367.	4.6	11
123	Enhanced Mechanical Performance of Segregated Carbon Nanotube/Poly(lactic acid) Composite for Efficient Electromagnetic Interference Shielding. Industrial & Engineering Chemistry Research, 2019, 58, 4454-4461.	3.7	32
124	Baroplastics with Robust Mechanical Properties and Reserved Processability through Hydrogen-Bonded Interactions. ACS Applied Materials & Interfaces, 2019, 11, 12008-12016.	8.0	21
125	Role of pressure in flowâ€induced shishâ€kabab in binary blend of longâ€and shortâ€chain Polyethylenes. Polymer Crystallization, 2019, 2, e10059.	0.8	1
126	Cover Image: Role of pressure in flowâ€induced shishâ€kabab in binary blend of longâ€and shortâ€chain Polyethylenes. Polymer Crystallization, 2019, 2, e10119.	0.8	0

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127	Accelerating Bone Healing by Decorating BMP-2 on Porous Composite Scaffolds. ACS Applied Bio Materials, 2019, 2, 5717-5726.	4.6	12
128	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
129	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
130	Highly Conductive and Machineâ€Washable Textiles for Efficient Electromagnetic Interference Shielding. Advanced Materials Technologies, 2019, 4, 1800503.	5.8	101
131	Hydrophobic Graphene Oxide as a Promising Barrier of Water Vapor for Regenerated Cellulose Nanocomposite Films. ACS Omega, 2019, 4, 509-517.	3.5	46
132	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
133	Stretchable and durable conductive fabric for ultrahigh performance electromagnetic interference shielding. Carbon, 2019, 144, 101-108.	10.3	186
134	Robustly Superhydrophobic Conductive Textile for Efficient Electromagnetic Interference Shielding. ACS Applied Materials & Interfaces, 2019, 11, 1680-1688.	8.0	136
135	A revisit to the flow and pressure jointly induced thick lamellae in isotactic polypropylene: A synchrotron radiation smallâ€and wideâ€angle Xâ€ray scattering study. Polymer Crystallization, 2019, 2, e10035.	0.8	0
136	Rapid preparation and continuous processing of polylactide stereocomplex crystallite below its melting point. Polymer Bulletin, 2019, 76, 3371-3385.	3.3	9
137	Flowâ€induced crystallization of polylactide stereocomplex under pressure. Journal of Applied Polymer Science, 2018, 135, 46378.	2.6	9
138	Efficient electromagnetic interference shielding of lightweight carbon nanotube/polyethylene compositesviacompression molding plus salt-leaching. RSC Advances, 2018, 8, 8849-8855.	3.6	33
139	Shear-induced stereocomplex cylindrites in polylactic acid racemic blends: Morphology control and interfacial performance. Polymer, 2018, 140, 179-187.	3.8	30
140	Quantification of pressureâ€induced Î³â€crystals in isotactic polypropylene: The influence of shear and carbon nanotubes. Polymer Crystallization, 2018, 1, e10002.	0.8	6
141	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
142	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
143	Toward biomimetic porous poly(Îµ-caprolactone) scaffolds: Structural evolution and morphological control during solid phase extrusion. Composites Science and Technology, 2018, 156, 192-202.	7.8	19
144	Simultaneously improved electromagnetic interference shielding andÂmechanical performance of segregated carbon nanotube/polypropylene composite via solid phase molding. Composites Science and Technology, 2018, 156, 87-94.	7.8	221

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145	Enhanced thermal conductivity of polyethylene/boron nitride multilayer sheets through annealing. Composites Part A: Applied Science and Manufacturing, 2018, 107, 135-143.	7.6	62
146	Constructing highly oriented segregated structure towards high-strength carbon nanotube/ultrahigh-molecular-weight polyethylene composites for electromagnetic interference shielding. Composites Part A: Applied Science and Manufacturing, 2018, 110, 237-245.	7.6	93
147	Highly Efficient and Reliable Transparent Electromagnetic Interference Shielding Film. ACS Applied Materials & Interfaces, 2018, 10, 11941-11949.	8.0	245
148	Ultra-high mechanical properties of porous composites based on regenerated cellulose and cross-linked poly(ethylene glycol). Carbohydrate Polymers, 2018, 179, 244-251.	10.2	20
149	Repeatable, room-temperature-processed baroplastic-carbon nanotube composites for electromagnetic interference shielding. Journal of Materials Chemistry C, 2018, 6, 12955-12964.	5.5	17
150	Flow-Induced Precursor Formation of Poly(<scp>l</scp>-lactic acid) under Pressure. ACS Omega, 2018, 3, 15471-15481.	3.5	7
151	Role of HA and BG in engineering poly(Îµ â€caprolactone) porous scaffolds for accelerating cranial bone regeneration. Journal of Biomedical Materials Research - Part A, 2018, 107, 654-662.	4.0	15
152	Bone-like Polymeric Composites with a Combination of Bioactive Glass and Hydroxyapatite: Simultaneous Enhancement of Mechanical Performance and Bioactivity. ACS Biomaterials Science and Engineering, 2018, 4, 4434-4442.	5.2	10
153	Oriented Polar Crystals in Poly(Vinylidene Fluoride) Produced by Simultaneously Applying Pressure and Flow. Macromolecular Chemistry and Physics, 2018, 219, 1800299.	2.2	6
154	Ultralight Cellulose Porous Composites with Manipulated Porous Structure and Carbon Nanotube Distribution for Promising Electromagnetic Interference Shielding. ACS Applied Materials & Interfaces, 2018, 10, 40156-40167.	8.0	108
155	Wearable Polyethylene/Polyamide Composite Fabric for Passive Human Body Cooling. ACS Applied Materials & Interfaces, 2018, 10, 41637-41644.	8.0	65
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157	Injection Molded Segregated Carbon Nanotube/Polypropylene Composite for Efficient Electromagnetic Interference Shielding. Industrial & Engineering Chemistry Research, 2018, 57, 12378-12385.	3.7	53
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