

Dong Zhang

List of Publications by Year in descending order

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134
papers

3,884
citations

117625

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h-index

168389

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docs citations

134
times ranked

3655
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of fermentation medium and conditions for enhancing valinomycin production by <i>Streptomyces</i> sp. ZJUT-IFE-354. <i>Preparative Biochemistry and Biotechnology</i> , 2023, 53, 157-166.	1.9	4
2	Maleimide structure: a promising scaffold for the development of antimicrobial agents. <i>Journal of Asian Natural Products Research</i> , 2022, 24, 1-14.	1.4	12
3	Fundamentals and exploration of aggregation-induced emission molecules for amyloid protein aggregation. <i>Journal of Materials Chemistry B</i> , 2022, 10, 2280-2295.	5.8	20
4	A mechanistic survey of Alzheimer's disease. <i>Biophysical Chemistry</i> , 2022, 281, 106735.	2.8	34
5	A new strategy to reconcile amyloid cross-seeding and amyloid prevention in a binary system of β -synuclein fragmental peptide and <i>hIAPP</i> . <i>Protein Science</i> , 2022, 31, 485-497.	7.6	7
6	Efficient production of valinomycin by the soil bacterium, <i>Streptomyces</i> sp. ZJUT-IFE-354. <i>3 Biotech</i> , 2022, 12, 2.	2.2	2
7	Versatile and Simple Strategy for Preparing Bilayer Hydrogels with Janus Characteristics. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 4579-4587.	8.0	12
8	Conformational-specific self-assembled peptides as dual-mode, multi-target inhibitors and detectors for different amyloid proteins. <i>Journal of Materials Chemistry B</i> , 2022, 10, 1754-1762.	5.8	6
9	Effect of External Magnetic Field on Bulk Heterojunction Polymer Solar Cells. <i>Macromolecular Rapid Communications</i> , 2022, , 2100933.	3.9	2
10	Ionic interaction-driven switchable bactericidal surfaces. <i>Acta Biomaterialia</i> , 2022, 142, 124-135.	8.3	6
11	Photo-switchable supramolecular comb-like polymer brush based on host-guest recognition for use as antimicrobial smart surface. <i>Journal of Materials Chemistry B</i> , 2022, 10, 3039-3047.	5.8	7
12	Conductive Adhesive and Antibacterial Zwitterionic Hydrogel Dressing for Therapy of Full-Thickness Skin Wounds. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 833887.	4.1	7
13	Origins of the Photocurrent Multiplication Effect in the Polythiophene-Based Photodetectors. <i>Macromolecular Rapid Communications</i> , 2022, , 2100928.	3.9	0
14	Stable and efficient perovskite solar cells by discrete two-dimensional perovskites capped on the three-dimensional perovskites bilayer thin film. <i>Nano Energy</i> , 2022, 96, 107126.	16.0	14
15	Polyzwitterionic double-network ionogel electrolytes for supercapacitors with cryogenic-effective stability. <i>Chemical Engineering Journal</i> , 2022, 438, 135607.	12.7	37
16	A General Protein Unfolding-Chemical Coupling Strategy for Pure Protein Hydrogels with Mechanically Strong and Multifunctional Properties. <i>Advanced Science</i> , 2022, 9, e2102557.	11.2	40
17	Mechanically Strong Metal-Organic Framework Nanoparticle-Based Double Network Hydrogels for Fluorescence Imaging. <i>ACS Applied Nano Materials</i> , 2022, 5, 1348-1355.	5.0	11
18	HDRLM3D: A Deep Reinforcement Learning-Based Model with Human-like Perceptron and Policy for Crowd Evacuation in 3D Environments. <i>ISPRS International Journal of Geo-Information</i> , 2022, 11, 255.	2.9	4

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19	Recent progress in the all-solid-state flexible supercapacitors. <i>SmartMat</i> , 2022, 3, 349-383.	10.7	21
20	Solution-Processed Ternary Perovskite-Organic Broadband Photodetectors with Ultrahigh Detectivity. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 18744-18750.	8.0	17
21	Structural Polyfluorene Derivative Nanocarriers with Promising Fluorescence Emission and Antifouling Properties. <i>ACS Applied Polymer Materials</i> , 2022, 4, 4013-4024.	4.4	3
22	Cross-seeding between A β 2 and SEVI indicates a pathogenic link and gender difference between alzheimer diseases and AIDS. <i>Communications Biology</i> , 2022, 5, 417.	4.4	8
23	Repurposing of intestinal defensins as multi-target, dual-function amyloid inhibitors via cross-seeding. <i>Chemical Science</i> , 2022, 13, 7143-7156.	7.4	6
24	Osteichthyes skin-inspired tough and sticky composite hydrogels for dynamic adhesive dressings. <i>Composites Part B: Engineering</i> , 2022, 241, 110010.	12.0	23
25	Spatiotemporal self-strengthening hydrogels for oral tissue regeneration. <i>Composites Part B: Engineering</i> , 2022, 243, 110119.	12.0	14
26	Amyloid cross-seeding between A β 2 and hIAPP in relation to the pathogenesis of Alzheimer and type 2 diabetes. <i>Chinese Journal of Chemical Engineering</i> , 2021, 30, 225-235.	3.5	18
27	Microbial biomanufacture of metal/metallic nanomaterials and metabolic engineering: design strategies, fundamental mechanisms, and future opportunities. <i>Journal of Materials Chemistry B</i> , 2021, 9, 6491-6506.	5.8	11
28	Antimicrobial α -defensins as multi-target inhibitors against amyloid formation and microbial infection. <i>Chemical Science</i> , 2021, 12, 9124-9139.	7.4	25
29	Mussel-Inspired Polymeric Coatings to Realize Functions from Single and Dual to Multiple Antimicrobial Mechanisms. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 3089-3097.	8.0	39
30	Machine Learning-Enabled Design and Prediction of Protein Resistance on Self-Assembled Monolayers and Beyond. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 11306-11319.	8.0	14
31	Repurposing a Cardiovascular Disease Drug of Cloridarol as hIAPP Inhibitor. <i>ACS Chemical Neuroscience</i> , 2021, 12, 1419-1427.	3.5	15
32	A multiscale polymerization framework towards network structure and fracture of double-network hydrogels. <i>Npj Computational Materials</i> , 2021, 7, .	8.7	24
33	Host-Guest Interaction-Mediated Photo/Temperature Dual-Controlled Antibacterial Surfaces. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 14543-14551.	8.0	32
34	Design and Engineering of Amyloid Aggregation-Prone Fragments and Their Antimicrobial Conjugates with Multi-Target Functionality. <i>Advanced Functional Materials</i> , 2021, 31, 2102978.	14.9	13
35	Comb-like structural modification stabilizes polyvinylidene fluoride membranes to realize thermal-regulated sustainable transportation efficiency. <i>Journal of Colloid and Interface Science</i> , 2021, 591, 173-183.	9.4	10
36	Microsphere-Embedded Hydrogel Sustained-Release System to Inhibit Postoperative Epidural Fibrosis. <i>ACS Applied Bio Materials</i> , 2021, 4, 5122-5131.	4.6	12

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37	Near-Infrared Light Triggered Self-Powered Mechano-Optical Communication System using Wearable Photodetector Textile. <i>Advanced Functional Materials</i> , 2021, 31, 2104782.	14.9	74
38	Solid-State Double-Network Hydrogel Redox Electrolytes for High-Performance Flexible Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 34168-34177.	8.0	16
39	Design and Engineering of Amyloid Aggregation-Prone Fragments and Their Antimicrobial Conjugates with Multi-Target Functionality (<i>Adv. Funct. Mater.</i> 32/2021). <i>Advanced Functional Materials</i> , 2021, 31, 2170236.	14.9	0
40	Machine Learning-Enabled Repurposing and Design of Antifouling Polymer Brushes. <i>Chemical Engineering Journal</i> , 2021, 420, 129872.	12.7	17
41	A General Crosslinker Strategy to Realize Intrinsic Frozen Resistance of Hydrogels. <i>Advanced Materials</i> , 2021, 33, e2104006.	21.0	82
42	Cationic peptide-based salt-responsive antibacterial hydrogel dressings for wound healing. <i>International Journal of Biological Macromolecules</i> , 2021, 190, 754-762.	7.5	25
43	Dual amyloid cross-seeding reveals steric zipper-facilitated fibrillization and pathological links between protein misfolding diseases. <i>Journal of Materials Chemistry B</i> , 2021, 9, 3300-3316.	5.8	15
44	Intermediates of tris(pentafluorophenyl)borane and dimethyl carbonate pave the way for deeper organosiloxane depolymerization reactions. <i>Polymer Journal</i> , 2021, 53, 573-579.	2.7	1
45	Molecularly Engineered Zwitterionic Hydrogels with High Toughness and Self-Healing Capacity for Soft Electronics Applications. <i>Chemistry of Materials</i> , 2021, 33, 8418-8429.	6.7	85
46	Surface Chemistry of Nanohybrids with Fumed Silica Functionalized by Polydimethylsiloxane/Dimethyl Carbonate Studied Using ¹ H, ¹³ C, and ²⁹ Si Solid-State NMR Spectroscopy. <i>Molecules</i> , 2021, 26, 5974.	3.8	1
47	Fast-cured UV-LED polymer materials filled with high mineral contents as wear-resistant, antibacterial coatings. <i>Chemical Engineering Journal</i> , 2020, 382, 122927.	12.7	15
48	Multiple Physical Bonds to Realize Highly Tough and Self-Adhesive Double-Network Hydrogels. <i>ACS Applied Polymer Materials</i> , 2020, 2, 1031-1042.	4.4	39
49	Introduction and Fundamentals of Human Islet Amyloid Polypeptide Inhibitors. <i>ACS Applied Bio Materials</i> , 2020, 3, 8286-8308.	4.6	20
50	Valinomycin as a potential antiviral agent against coronaviruses: A review. <i>Biomedical Journal</i> , 2020, 43, 414-423.	3.1	22
51	Molecular Dynamics Simulations of Cholesterol Effects on the Interaction of hIAPP with Lipid Bilayer. <i>Journal of Physical Chemistry B</i> , 2020, 124, 7830-7841.	2.6	8
52	A Universal Coating Strategy for Controllable Functionalized Polymer Surfaces. <i>Advanced Functional Materials</i> , 2020, 30, 2004633.	14.9	40
53	Novel Salt-Responsive SiO ₂ @Cellulose Membranes Promote Continuous Gradient and Adjustable Transport Efficiency. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 42169-42178.	8.0	12
54	Highly stretchable, self-adhesive, biocompatible, conductive hydrogels as fully polymeric strain sensors. <i>Journal of Materials Chemistry A</i> , 2020, 8, 20474-20485.	10.3	147

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55	Aromadendrin: a dual amyloid promoter to accelerate fibrillization and reduce cytotoxicity of both amyloid- β^2 and hIAPP. <i>Materials Advances</i> , 2020, 1, 1241-1252.	5.4	11
56	Micro- and macroscopically structured zwitterionic polymers with ultralow fouling property. <i>Journal of Colloid and Interface Science</i> , 2020, 578, 242-253.	9.4	39
57	Molecular simulations and understanding of antifouling zwitterionic polymer brushes. <i>Journal of Materials Chemistry B</i> , 2020, 8, 3814-3828.	5.8	78
58	Converting Pomelo Peel into Eco-friendly and Low-Consumption Photothermic Biomass Sponge toward Multifunctional Solar-to-Heat Conversion. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 5328-5337.	6.7	79
59	Computational Investigation of Antifouling Property of Polyacrylamide Brushes. <i>Langmuir</i> , 2020, 36, 2757-2766.	3.5	25
60	Interfacial phenomena in composites with nanostructured succinic acid bound to hydrophilic and hydrophobic nanosilicas. <i>Colloids and Interface Science Communications</i> , 2020, 35, 100251.	4.1	13
61	Lanthanide-Doped Upconversion Nanoparticle-Cross-Linked Double-Network Hydrogels with Strong Bulk/Interfacial Toughness and Tunable Full-Color Fluorescence for Bioimaging and Biosensing. <i>ACS Applied Nano Materials</i> , 2020, 3, 2774-2786.	5.0	25
62	Antifungal peptides produced by actinomycetes and their biological activities against plant diseases. <i>Journal of Antibiotics</i> , 2020, 73, 265-282.	2.0	37
63	From design to applications of stimuli-responsive hydrogel strain sensors. <i>Journal of Materials Chemistry B</i> , 2020, 8, 3171-3191.	5.8	131
64	An efficient flood dynamic visualization approach based on 3D printing and augmented reality. <i>International Journal of Digital Earth</i> , 2020, 13, 1302-1320.	3.9	24
65	Design principles and fundamental understanding of biosensors for amyloid- β^2 detection. <i>Journal of Materials Chemistry B</i> , 2020, 8, 6179-6196.	5.8	39
66	Design of salt-responsive and regenerative antibacterial polymer brushes with integrated bacterial resistance, killing, and release properties. <i>Journal of Materials Chemistry B</i> , 2019, 7, 5762-5774.	5.8	48
67	Janus-Featured Hydrogel with Antifouling and Bacteria-Releasing Properties. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 17792-17801.	3.7	9
68	Aggregation-Caused Quenching-Type Naphthalimide Fluorophores Grafted and Ionized in a 3D Polymeric Hydrogel Network for Highly Fluorescent and Locally Tunable Emission. <i>ACS Macro Letters</i> , 2019, 8, 937-942.	4.8	63
69	Nanostructured Polymethylsiloxane/Fumed Silica Blends. <i>Materials</i> , 2019, 12, 2409.	2.9	14
70	Upconversion Nanoparticles@Carbon Dots@Meso-SiO ₂ Sandwiched Core-Shell Nanohybrids with Tunable Dual-Mode Luminescence for 3D Anti-Counterfeiting Barcodes. <i>Langmuir</i> , 2019, 35, 11503-11511.	3.5	93
71	Fundamentals and applications of zwitterionic antifouling polymers. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 403001.	2.8	110
72	A 29Si, 1H, and 13C Solid-State NMR Study on the Surface Species of Various Depolymerized Organosiloxanes at Silica Surface. <i>Nanoscale Research Letters</i> , 2019, 14, 160.	5.7	75

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73	Super Hydrophilic Semi-IPN Fluorescent Poly(<i>N</i> -(2-hydroxyethyl)acrylamide) Hydrogel for Ultrafast, Selective, and Long-Term Effective Mercury(II) Detection in a Bacteria-Laden System. <i>ACS Applied Bio Materials</i> , 2019, 2, 906-915.	4.6	16
74	One-Pot and One-Step Fabrication of Salt-Responsive Bilayer Hydrogels with 2D and 3D Shape Transformations. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 25417-25426.	8.0	31
75	Flood evacuation simulations using cellular automata and multiagent systems -a human-environment relationship perspective. <i>International Journal of Geographical Information Science</i> , 2019, 33, 2241-2258.	4.8	25
76	Electric Assisted Salt-Responsive Bacterial Killing and Release of Polyzwitterionic Brushes in Low-Concentration Salt Solution. <i>Langmuir</i> , 2019, 35, 8285-8293.	3.5	13
77	Long-term stability and salt-responsive behavior of polyzwitterionic brushes with cross-linked structure. <i>Progress in Organic Coatings</i> , 2019, 134, 153-161.	3.9	22
78	Design of low temperature-responsive hydrogels used as a temperature indicator. <i>Polymer</i> , 2019, 173, 182-189.	3.8	19
79	Dual-stimulus bilayer hydrogel actuators with rapid, reversible, bidirectional bending behaviors. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4970-4980.	5.5	76
80	A zwitterionic polymer as an interfacial layer for efficient and stable perovskite solar cells. <i>RSC Advances</i> , 2019, 9, 30317-30324.	3.6	13
81	Double-Network Physical Cross-Linking Strategy To Promote Bulk Mechanical and Surface Adhesive Properties of Hydrogels. <i>Macromolecules</i> , 2019, 52, 9512-9525.	4.8	59
82	Fundamentals of cross-seeding of amyloid proteins: an introduction. <i>Journal of Materials Chemistry B</i> , 2019, 7, 7267-7282.	5.8	87
83	Fluorescent Hydrogel-Coated Paper/Textile as Flexible Chemosensor for Visual and Wearable Mercury(II) Detection. <i>Advanced Materials Technologies</i> , 2019, 4, 1800201.	5.8	46
84	Thermo-Responsive and Shape-Adaptive Hydrogel Actuators from Fundamentals to Applications. <i>Engineered Science</i> , 2019, , .	2.3	12
85	Real-Time in Situ Investigation of Supramolecular Shape Memory Process by Fluorescence Switching. <i>Journal of Physical Chemistry C</i> , 2018, 122, 9499-9506.	3.1	29
86	Integration of antifouling and antibacterial properties in salt-responsive hydrogels with surface regeneration capacity. <i>Journal of Materials Chemistry B</i> , 2018, 6, 950-960.	5.8	78
87	Ultrafast and Efficient Detection of Formaldehyde in Aqueous Solutions Using Chitosan-based Fluorescent Polymers. <i>ACS Sensors</i> , 2018, 3, 2394-2401.	7.8	76
88	Friction and Wear Mechanism of MoS ₂ /C Composite Coatings Under Atmospheric Environment. <i>Tribology Letters</i> , 2017, 65, 1.	2.6	28
89	Ab Initio Study of Interfacial Structure Transformation of Amorphous Carbon Catalyzed by Ti, Cr, and W Transition Layers. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 41115-41119.	8.0	19
90	Stereoselective Behavior of the Chiral Herbicides Diclofop-Methyl and Diclofop During the Soy Sauce Brewing Process. <i>Chirality</i> , 2016, 28, 78-84.	2.6	3

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91	Aliphatic- <i>aromatic poly(butylene carbonate-co-terephthalate)</i> random copolymers: Synthesis, cocrystallization, and composition-dependent properties. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	19
92	A high-molecular-weight and high- T_g poly(ester carbonate) partially based on isosorbide: synthesis and structure-property relationships. <i>Polymer Chemistry</i> , 2015, 6, 633-642.	3.9	59
93	A designed synthetic strategy toward poly(isosorbide terephthalate) copolymers: a combination of temporary modification, transesterification, cyclization and polycondensation. <i>Polymer Chemistry</i> , 2015, 6, 7470-7479.	3.9	26
94	Effect of the biobased linear long-chain monomer on crystallization and biodegradation behaviors of poly(butylene carbonate)-based copolycarbonates. <i>RSC Advances</i> , 2015, 5, 2213-2222.	3.6	32
95	Modification of chitosan with monomethyl fumaric acid in an ionic liquid solution. <i>Carbohydrate Polymers</i> , 2015, 117, 973-979.	10.2	49
96	Interior permanent magnet motor drive system modeling for electromagnetic interference analysis. , 2014, , .		3
97	Synthesis and properties of biodegradable multiblock poly(ester-carbonate) comprising of poly(L-lactic acid) and poly(butylene carbonate) with hexamethylene diisocyanate as chain extender. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	2
98	Colloids containing gadolinium-capped gold nanoparticles as high relaxivity dual-modality contrast agents for CT and MRI. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 123, 130-135.	5.0	15
99	A non-phosgene process to homopolycarbonate and copolycarbonates of isosorbide using dimethyl carbonate: Synthesis, characterization, and properties. <i>Journal of Polymer Science Part A</i> , 2013, 51, 1387-1397.	2.3	105
100	Novel Poly(butylene fumarate) and Poly(butylene succinate) Multiblock Copolymers Bearing Reactive Carbon-Carbon Double Bonds: Synthesis, Characterization, Cocrystallization, and Properties. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 6147-6155.	3.7	34
101	<i>In situ</i> Synthesis of Poly(methyl methacrylate)/Graphene Oxide Nanocomposites Using Thermal-initiated and Graphene Oxide-initiated Polymerization. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2013, 50, 720-727.	2.2	20
102	Microstructure and tribological behavior of self-lubricating (Si:N)-DLC/MAO coatings on AZ80 magnesium substrate. <i>Acta Metallurgica Sinica (English Letters)</i> , 2013, 26, 693-698.	2.9	14
103	Synthesis and Characterization of Poly(<i>p</i> -phenylene benzobisoxazole)/Poly(pyridobisimidazole) Block Copolymers. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2012, 49, 508-517.	2.2	2
104	Surface decoration of graphene by grafting polymerization using graphene oxide as the initiator. <i>Journal of Materials Chemistry</i> , 2012, 22, 3982.	6.7	67
105	Synthesis, Characterization and Degradation of Novel Biodegradable Poly(butylene-co-hexamethylene) Tj ETQq1 1 0.784314 rgBT /Overl 48, 583-594.	2.2	29
106	In situ synthesis of poly(ethylene terephthalate)/graphene composites using a catalyst supported on graphite oxide. <i>Journal of Materials Chemistry</i> , 2011, 21, 3931.	6.7	43
107	Synthesis of high-impact biodegradable multiblock copolymers comprising of poly(butylene succinate) and poly(1,2-propylene succinate) with hexamethylene diisocyanate as chain extender. <i>Polymers for Advanced Technologies</i> , 2011, 22, 279-285.	3.2	41
108	Ultraviolet-induced crosslinking of poly(butylene succinate) and its thermal property, dynamic mechanical property, and biodegradability. <i>Polymers for Advanced Technologies</i> , 2011, 22, 648-656.	3.2	26

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109	Synthesis, characterization and properties of novel biodegradable multiblock copolymers comprising poly(butylene succinate) and poly(1,2- ϵ -propylene terephthalate) with hexamethylene diisocyanate as a chain extender. <i>Polymer International</i> , 2011, 60, 666-675.	3.1	36
110	High-molecular-weight aliphatic polycarbonates by melt polycondensation of dimethyl carbonate and aliphatic diols: synthesis and characterization. <i>Polymer International</i> , 2011, 60, 1060-1067.	3.1	115
111	Investigation on isothermal crystallization, melting behaviors, and spherulitic morphologies of multiblock copolymers containing poly(butylene succinate) and poly(1,2- ϵ -propylene succinate). <i>Journal of Applied Polymer Science</i> , 2011, 119, 2124-2134.	2.6	10
112	Novel catalysts based on titanium dioxide/silicon dioxide for poly(ethylene terephthalate). <i>Journal of Applied Polymer Science</i> , 2010, 115, 2470-2478.	2.6	16
113	Crystallization kinetics, melting behavior, and morphologies of poly(butylene succinate) and poly(butylene succinate)- <i>block</i> -poly(propylene glycol) segmented copolyester. <i>Journal of Applied Polymer Science</i> , 2010, 118, 2225-2235.	2.6	2
114	Motion Detection for Rapidly Moving Cameras in Fully 3D Scenes. , 2010, , .		2
115	Surface grafting modification of fibrous silicates with polyvinylpyrrolidone and its application in nanocomposites. <i>Journal of Applied Polymer Science</i> , 2009, 111, 566-575.	2.6	11
116	Influence of montmorillonite treatment and montmorillonite dispersion state on the crystallization behavior of poly(ethylene terephthalate)/montmorillonite nanocomposites. <i>Journal of Applied Polymer Science</i> , 2009, 114, 2327-2338.	2.6	13
117	Synthesis, characterization and properties of biodegradable poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 427 Td (suc 893-899.	3.1	34
118	In-situ synthesis of poly(ethylene terephthalate)/clay nanocomposites using TiO ₂ /SiO ₂ sol-intercalated montmorillonite as polycondensation catalyst. <i>Polymer Engineering and Science</i> , 2009, 49, 1562-1572.	3.1	17
119	New insight into the crystallization behavior of poly(ethylene terephthalate)/clay nanocomposites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2008, 46, 2380-2394.	2.1	38
120	Thermal stability of surfactants with amino and imido groups in poly(ethylene terephthalate)/clay composites. <i>Journal of Applied Polymer Science</i> , 2008, 109, 4112-4120.	2.6	12
121	Synthesis and characterization of poly(ethylene terephthalate)/attapulgitite nanocomposites. <i>Journal of Applied Polymer Science</i> , 2007, 103, 1279-1286.	2.6	54
122	Melting behaviors, crystallization kinetics, and spherulitic morphologies of poly(butylene succinate) and its copolyester modified with rosin maleopimaric acid anhydride. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2006, 44, 900-913.	2.1	37
123	Synthesis, characterization and properties of poly(butylene succinate) modified with rosin maleopimaric acid anhydride. <i>Polymer International</i> , 2006, 55, 545-551.	3.1	30
124	Effects of rosin-type clarifying agent on the crystallization and compatibility of polypropylene and low density polyethylene. <i>Journal of Applied Polymer Science</i> , 2006, 99, 1568-1575.	2.6	7
125	The effects of metallic derivatives released from montmorillonite on the thermal stability of poly(ethylene terephthalate)/montmorillonite nanocomposites. <i>Journal of Applied Polymer Science</i> , 2006, 101, 1692-1699.	2.6	19
126	Preparation and properties of PET/PA6 copolymer/montmorillonite hybrid nanocomposite. <i>Journal of Applied Polymer Science</i> , 2006, 101, 2512-2517.	2.6	8

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127	Non-isothermal crystallization kinetics and melting behaviors of poly(butylene succinate) and its copolyester modified with trimellitic imide units. <i>Journal of Applied Polymer Science</i> , 2006, 102, 2493-2499.	2.6	13
128	Synthesis, Characterization and Properties of Poly(butylene succinate) Reinforced by Trimellitic Imide Units. <i>Macromolecular Chemistry and Physics</i> , 2006, 207, 694-700.	2.2	11
129	Spinning and properties of poly(ethylene terephthalate)/organomontmorillonite nanocomposite fibers. <i>Journal of Applied Polymer Science</i> , 2005, 95, 1443-1447.	2.6	53
130	Crystallization behavior and morphology of poly(butylene succinate) modified with rosin maleopimaric acid anhydride. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2005, 43, 2694-2704.	2.1	12
131	Effects of rosin-type nucleating agent and low density polyethylene on the crystallization process of polypropylene. <i>Journal of Applied Polymer Science</i> , 2003, 88, 2804-2809.	2.6	8
132	Effects of rosin-type cocystal nucleating agents on the crystallization process and the properties of polypropylene. <i>Journal of Applied Polymer Science</i> , 2003, 89, 2137-2141.	2.6	10
133	The effects of alkaline earth dehydroabietate on the crystallization process of polypropylene. <i>Journal of Applied Polymer Science</i> , 2002, 85, 2644-2651.	2.6	7
134	Synthesis and properties of poly(ester ether) multiblock copolymers/organomontmorillonite hybrid nanocomposite. <i>Journal of Applied Polymer Science</i> , 2002, 84, 1716-1720.	2.6	9