

# Hong Tan

## 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.

122  
papers

3,162  
citations

31  
h-index

50  
g-index

128  
ext. papers

3,719  
ext. citations

6.2  
avg, IF

5.17  
L-index

#	Paper	IF	Citations
122	Influence of fluorocarbon side chain on microphase separation and chemical stability of silicon-containing polycarbonate urethane. <i>Polymer</i> , <b>2022</b> , 242, 124538	3.9	2
121	Effect of the disulfide bond and polyethylene glycol on the degradation and biophysicochemical properties of polyurethane micelles.. <i>Biomaterials Science</i> , <b>2022</b> ,	7.4	2
120	Citicoline liposome/polyurethane composite scaffolds regulate the inflammatory response of microglia to promote nerve regeneration. <i>Journal of Materials Science</i> , <b>2022</b> , 57, 2073	4.3	
119	Poly( $\epsilon$ -Caprolactone)-Methoxypolyethylene Glycol (PCL-MPEG)-Based Micelles for Drug-Delivery: The Effect of PCL Chain Length on Blood Components, Phagocytosis, and Biodistribution.. <i>International Journal of Nanomedicine</i> , <b>2022</b> , 17, 1613-1632	7.3	0
118	Water-triggered stiffening of shape memory polyurethanes composed of hard backbone dangling PEG soft segments.. <i>Advanced Materials</i> , <b>2022</b> , e2201914	24	3
117	Mussel-Inspired, Injectable Polyurethane Tissue Adhesives Demonstrate In Situ Gel Formation under Mild Conditions.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 5352-5361	4.1	2
116	Bioactive 3D porous cobalt-doped alginate/waterborne polyurethane scaffolds with a coral reef-like rough surface for nerve tissue engineering application. <i>Journal of Materials Chemistry B</i> , <b>2021</b> , 9, 322-335	7.3	9
115	Synthesis and characterization of PLGA-PEG-PLGA based thermosensitive polyurethane micelles for potential drug delivery. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2021</b> , 32, 613-634	3.5	2
114	Biodegradable polyurethane nerve guide conduits with different moduli influence axon regeneration in transected peripheral nerve injury. <i>Journal of Materials Chemistry B</i> , <b>2021</b> , 9, 7979-7990	7.3	2
113	Improved in vivo stability of silicon-containing polyurethane by fluorocarbon side chain modulation of the surface structure. <i>Journal of Materials Chemistry B</i> , <b>2021</b> , 9, 3210-3223	7.3	3
112	Tough and biodegradable polyurethane-curcumin composited hydrogel with antioxidant, antibacterial and antitumor properties. <i>Materials Science and Engineering C</i> , <b>2021</b> , 121, 111820	8.3	7
111	Ordered Conformation-Regulated Vesicular Membrane Permeability. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 22529-22536	16.4	3
110	Ordered Conformation-Regulated Vesicular Membrane Permeability. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 22703-22710	3.6	0
109	Heterogenous hydrogel mimicking the osteochondral ECM applied to tissue regeneration. <i>Journal of Materials Chemistry B</i> , <b>2021</b> , 9, 8646-8658	7.3	3
108	Self-Organized Spatiotemporal Mineralization of Hydrogel: A Simulant of Osteon.. <i>Small</i> , <b>2021</b> , e2106649	21	0
107	Aligned 3D porous polyurethane scaffolds for biological anisotropic tissue regeneration. <i>International Journal of Energy Production and Management</i> , <b>2020</b> , 7, 19-27	5.3	9
106	Multiblock Copolymers toward Segmentation-Driven Morphological Transition. <i>Macromolecules</i> , <b>2020</b> , 53, 5992-6001	5.5	9

105	The synergistic effect of hierarchical structure and alkyl chain length on the antifouling and bactericidal properties of cationic/zwitterionic block polymer brushes. <i>Biomaterials Science</i> , <b>2020</b> , 8, 6890-6902	7.4	12
104	An injectable hydrogel with pH-sensitive and self-healing properties based on 4armPEGDA and N-carboxyethyl chitosan for local treatment of hepatocellular carcinoma. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 163, 1208-1222	7.9	13
103	Fabrication of a multifunctional hydrogel with a robust interface bioinspired by the structure of the dentogingival junction. <i>Chemical Communications</i> , <b>2020</b> , 56, 3633-3636	5.8	4
102	Enhanced Hydrolytic Resistance of Fluorinated Silicon-Containing Polyether Urethanes. <i>Biomacromolecules</i> , <b>2020</b> , 21, 1460-1470	6.9	6
101	Anti-P0 Antibody-Conjugated Nanoscale Contrast Agent Targeting the Myelin Sheath for Intraoperative Visible Delineation of Cranial Nerves. <i>ACS Biomaterials Science and Engineering</i> , <b>2020</b> , 6, 1744-1754	5.5	
100	A Highly Stretchable, Real-Time Self-Healable Hydrogel Adhesive Matrix for Tissue Patches and Flexible Electronics. <i>Advanced Healthcare Materials</i> , <b>2020</b> , 9, e1901423	10.1	38
99	Mechanically robust enzymatically degradable shape memory polyurethane urea with a rapid recovery response induced by NIR. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 5117-5130	7.3	9
98	Photo-responsive Self-Reducible Polymers: Overcoming the Spatiotemporal Barriers for Hypersensitivity <b>2020</b> , 2, 602-609		9
97	A waterborne polyurethane 3D scaffold containing PLGA with a controllable degradation rate and an anti-inflammatory effect for potential applications in neural tissue repair. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 4434-4446	7.3	18
96	Dual-encapsulated biodegradable 3D scaffold from liposome and waterborne polyurethane for local drug control release in breast cancer therapy. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2020</b> , 31, 2220-2237	3.5	8
95	Zwitterionic PMCP-Modified Polycaprolactone Surface for Tissue Engineering: Antifouling, Cell Adhesion Promotion, and Osteogenic Differentiation Properties. <i>Small</i> , <b>2019</b> , 15, e1903784	11	29
94	Stable, Bioresponsive, and Macrophage-Evading Polyurethane Micelles Containing an Anionic Tripeptide Chain Extender. <i>ACS Omega</i> , <b>2019</b> , 4, 16551-16563	3.9	2
93	pH-Responsive polymeric nanocarriers for efficient killing of cariogenic bacteria in biofilms. <i>Biomaterials Science</i> , <b>2019</b> , 7, 1643-1651	7.4	30
92	A Bioinspired Medical Adhesive Derived from Skin Secretion of <i>Andrias davidianus</i> for Wound Healing. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1809110	15.6	68
91	Biodegradable, anti-adhesive and tough polyurethane hydrogels crosslinked by triol crosslinkers. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2019</b> , 107, 2205-2221	5.4	8
90	Albumin-Modified Cationic Nanocarriers To Potentially Create a New Platform for Drug Delivery Systems. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 16421-16429	9.5	13
89	Cp1-11 peptide/insulin complex loaded pH-responsive nanoparticles with enhanced oral bioactivity. <i>International Journal of Pharmaceutics</i> , <b>2019</b> , 562, 23-30	6.5	19
88	A glassy carbon electrode modified with molecularly imprinted poly(aniline boronic acid) coated onto carbon nanotubes for potentiometric sensing of sialic acid. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 270	5.8	8

87	Bioinspired enamel-like oriented minerals on general surfaces: towards improved mechanical properties. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 5237-5244	7.3	10
86	Anti-biofilm surfaces from mixed dopamine-modified polymer brushes: synergistic role of cationic and zwitterionic chains to resist staphylococcus aureus. <i>Biomaterials Science</i> , <b>2019</b> , 7, 5369-5382	7.4	26
85	Interactions of oligochitosan with blood components. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 124, 304-313	7.9	12
84	Simultaneous Improvement of Oxidative and Hydrolytic Resistance of Polycarbonate Urethanes Based on Polydimethylsiloxane/Poly(hexamethylene carbonate) Mixed Macrodiols. <i>Biomacromolecules</i> , <b>2018</b> , 19, 2137-2145	6.9	7
83	Shape Memory Properties and Enzymatic Degradability of Poly( $\epsilon$ -caprolactone)-Based Polyurethane Urea Containing Phenylalanine-Derived Chain Extender. <i>Macromolecular Bioscience</i> , <b>2018</b> , 18, e1800054	5.5	8
82	Multifunctional Biomaterial Coating Based on Bio-Inspired Polyphosphate and Lysozyme Supramolecular Nanofilm. <i>Biomacromolecules</i> , <b>2018</b> , 19, 1979-1989	6.9	16
81	Antibacterial and Biocompatible Cross-Linked Waterborne Polyurethanes Containing Gemini Quaternary Ammonium Salts. <i>Biomacromolecules</i> , <b>2018</b> , 19, 279-287	6.9	60
80	Conformation-Directed Micelle-to-Vesicle Transition of Cholesterol-Decorated Polypeptide Triggered by Oxidation. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 6604-6610	16.4	56
79	Biomaterial Scaffolds in Regenerative Therapy of the Central Nervous System. <i>BioMed Research International</i> , <b>2018</b> , 2018, 7848901	3	31
78	Inhibition of the fibrillation of highly amyloidogenic human calcitonin by cucurbit[7]uril with improved bioactivity. <i>Acta Biomaterialia</i> , <b>2018</b> , 78, 178-188	10.8	18
77	A stimuli-responsive insulin delivery system based on reversible phenylboronate modified cyclodextrin with glucose triggered host-guest interaction. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 548, 649-658	6.5	17
76	A biomimetic hierarchical structure with a hydrophilic surface and a hydrophobic subsurface constructed from waterborne polyurethanes containing a self-assembling peptide extender. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 4326-4337	7.3	15
75	Effect of Chain Extender on Hydrogen Bond and Microphase Structure of Biodegradable Thermoplastic Polyurethanes. <i>Chinese Journal of Polymer Science (English Edition)</i> , <b>2018</b> , 36, 514-520	3.5	18
74	Thermoresponsive Three-Stage Optical Modulation of a Self-Healing Composite Hydrogel. <i>Macromolecular Chemistry and Physics</i> , <b>2018</b> , 219, 1800329	2.6	2
73	Macrophage Polarization in Response to Varying Pore Sizes of 3D Polyurethane Scaffolds. <i>Journal of Biomedical Nanotechnology</i> , <b>2018</b> , 14, 1744-1760	4	9
72	Understanding the effect of alkyl chains of gemini cations on the physicochemical and cellular properties of polyurethane micelles. <i>Biomaterials Science</i> , <b>2018</b> , 6, 1899-1907	7.4	10
71	A Universal and Ultrastable Mineralization Coating Bioinspired from Biofilms. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1802730	15.6	24
70	Nanofibrous scaffold from electrospinning biodegradable waterborne polyurethane/poly(vinyl alcohol) for tissue engineering application. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2017</b> , 28, 648-663	3.5	21

69	Effect of trastuzumab on the micellization properties, endocytic pathways and antitumor activities of polyurethane-based drug delivery system. <i>Chinese Journal of Polymer Science (English Edition)</i> , <b>2017</b> , 35, 909-923	3.5	8
68	Surface Distribution and Biophysicochemical Properties of Polymeric Micelles Bearing Gemini Cationic and Hydrophilic Groups. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 2138-2149	9.5	20
67	Post-Crosslinked Polyurethanes with Excellent Shape Memory Property. <i>Macromolecular Rapid Communications</i> , <b>2017</b> , 38, 1700450	4.8	16
66	Bioinspired Peptide-Decorated Tannic Acid for in Situ Remineralization of Tooth Enamel: In Vitro and in Vivo Evaluation. <i>ACS Biomaterials Science and Engineering</i> , <b>2017</b> , 3, 3553-3562	5.5	16
65	Clickable and imageable multiblock polymer micelles with magnetically guided and PEG-switched targeting and release property for precise tumor theranosis. <i>Biomaterials</i> , <b>2017</b> , 145, 138-153	15.6	44
64	Multilayer Choline Phosphate Molecule Modified Surface with Enhanced Cell Adhesion but Resistance to Protein Adsorption. <i>Langmuir</i> , <b>2017</b> , 33, 8295-8301	4	18
63	Gemini quaternary ammonium salt waterborne biodegradable polyurethanes with antibacterial and biocompatible properties. <i>Materials Chemistry Frontiers</i> , <b>2017</b> , 1, 361-368	7.8	30
62	The Role of Nanomaterials in Ischemic Diseases. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2017</b> , 17, 8609-8622	1.3	
61	Synthesis of biodegradable waterborne phosphatidylcholine polyurethanes for soft tissue engineering applications. <i>International Journal of Energy Production and Management</i> , <b>2017</b> , 4, 69-79	5.3	7
60	A Novel Surface Structure Consisting of Contact-active Antibacterial Upper-layer and Antifouling Sub-layer Derived from Gemini Quaternary Ammonium Salt Polyurethanes. <i>Scientific Reports</i> , <b>2016</b> , 6, 32140	4.9	60
59	Long-term and oxidative-responsive alginate-deferoxamine conjugates with a low toxicity for iron overload. <i>RSC Advances</i> , <b>2016</b> , 6, 32471-32479	3.7	18
58	Synthesis and evaluation of oxidation-responsive alginate-deferoxamine conjugates with increased stability and low toxicity. <i>Carbohydrate Polymers</i> , <b>2016</b> , 144, 522-30	10.3	12
57	Inspired by nonenveloped viruses escaping from endo-lysosomes: a pH-sensitive polyurethane micelle for effective intracellular trafficking. <i>Nanoscale</i> , <b>2016</b> , 8, 7711-22	7.7	20
56	Dual-functional anticoagulant and antibacterial blend coatings based on gemini quaternary ammonium salt waterborne polyurethane and heparin. <i>RSC Advances</i> , <b>2016</b> , 6, 17336-17344	3.7	11
55	Waterborne biodegradable polyurethane 3-dimensional porous scaffold for rat cerebral tissue regeneration. <i>RSC Advances</i> , <b>2016</b> , 6, 3840-3849	3.7	14
54	The preliminary study of immune superparamagnetic iron oxide nanoparticles for the detection of lung cancer in magnetic resonance imaging. <i>Carbohydrate Research</i> , <b>2016</b> , 419, 33-40	2.9	26
53	A novel phosphatidylcholine-modified polyisoprene: synthesis and characterization. <i>Colloid and Polymer Science</i> , <b>2016</b> , 294, 433-439	2.4	6
52	Structure and properties of tough polyampholyte hydrogels: effects of a methyl group in the cationic monomer. <i>RSC Advances</i> , <b>2016</b> , 6, 114532-114540	3.7	7

51	Preparation and characterization of controlled heparin release waterborne polyurethane coating systems. <i>Chinese Journal of Polymer Science (English Edition)</i> , <b>2016</b> , 34, 679-687	3.5	10
50	Multifunctional Mixed Micelles Cross-Assembled from Various Polyurethanes for Tumor Therapy. <i>Biomacromolecules</i> , <b>2016</b> , 17, 2148-59	6.9	17
49	Synthesis and characterization of biodegradable lysine-based waterborne polyurethane for soft tissue engineering applications. <i>Biomaterials Science</i> , <b>2016</b> , 4, 1682-1690	7.4	36
48	Preparation of hydrocarbon/fluorocarbon double-chain phospholipid polymer brushes on polyurethane films by ATRP. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2015</b> , 128, 36-43	6	10
47	Molecular weight dependence of structure and properties of chitosan oligomers. <i>RSC Advances</i> , <b>2015</b> , 5, 69445-69452	3.7	32
46	A novel non-releasing antibacterial poly(styrene-acrylate)/waterborne polyurethane composite containing gemini quaternary ammonium salt. <i>RSC Advances</i> , <b>2015</b> , 5, 89763-89770	3.7	20
45	A zwitterionic surface with general cell-adhesive and protein-resistant properties. <i>RSC Advances</i> , <b>2015</b> , 5, 76216-76220	3.7	19
44	Effects of interaction between a polycation and a nonionic polymer on their cross-assembly into mixed micelles. <i>Soft Matter</i> , <b>2015</b> , 11, 4197-207	3.6	13
43	Synthesis and antibacterial characterization of waterborne polyurethanes with gemini quaternary ammonium salt. <i>Science Bulletin</i> , <b>2015</b> , 60, 1114-1121	10.6	34
42	Gemini quaternary ammonium-incorporated biodegradable multiblock polyurethane micelles for brain drug delivery. <i>RSC Advances</i> , <b>2015</b> , 5, 6160-6171	3.7	7
41	Synthesis and characterization of biodegradable polyurethanes with folate side chains conjugated to hard segments. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 2901-2910	4.9	29
40	Simulated physiological stretch-induced proliferation of human bladder smooth muscle cells is regulated by MMPs. <i>Archives of Biochemistry and Biophysics</i> , <b>2014</b> , 564, 197-202	4.1	5
39	The influence of fluorocarbon chain and phosphorylcholine on the improvement of hemocompatibility: a comparative study in polyurethanes. <i>Journal of Materials Chemistry B</i> , <b>2014</b> , 2, 1344-1353 <sup>20</sup>	7.3	20
38	Effects of strontium-doped calcium polyphosphate on angiogenic growth factors expression of co-culturing system in vitro and of host cell in vivo. <i>RSC Advances</i> , <b>2014</b> , 4, 2783-2792	3.7	20
37	Surface-engineered nanogel assemblies with integrated blood compatibility, cell proliferation and antibacterial property: towards multifunctional biomedical membranes. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 5906-5919 <sup>67</sup>	4.9	67
36	Biodegradable multiblock polyurethane micelles with tunable reduction-sensitivity for on-demand intracellular drug delivery. <i>RSC Advances</i> , <b>2014</b> , 4, 24736-24746	3.7	27
35	Preparation and characterization of galactosylated alginate-chitosan oligomer microcapsule for hepatocytes microencapsulation. <i>Carbohydrate Polymers</i> , <b>2014</b> , 112, 502-11	10.3	26
34	A novel flame retardant containing phosphorus, nitrogen, and sulfur. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2014</b> , 115, 1639-1649	4.1	36

33	The degradation and biocompatibility of waterborne biodegradable polyurethanes for tissue engineering. <i>Chinese Journal of Polymer Science (English Edition)</i> , <b>2013</b> , 31, 1451-1462	3.5	29
32	Construction of targeting-clickable and tumor-cleavable polyurethane nanomicelles for multifunctional intracellular drug delivery. <i>Biomacromolecules</i> , <b>2013</b> , 14, 4407-19	6.9	98
31	Toward the next-generation nanomedicines: design of multifunctional multiblock polyurethanes for effective cancer treatment. <i>ACS Nano</i> , <b>2013</b> , 7, 1918-28	16.7	114
30	An Approach for the Sphere-to-Rod Transition of Multiblock Copolymer Micelles.. <i>ACS Macro Letters</i> , <b>2013</b> , 2, 146-151	6.6	32
29	Synthesis and microphase separated structures of polydimethylsiloxane/polycarbonate-based polyurethanes. <i>RSC Advances</i> , <b>2013</b> , 3, 8291	3.7	24
28	Self-assembly of biodegradable polyurethanes for controlled delivery applications. <i>Soft Matter</i> , <b>2012</b> , 8, 5414	3.6	116
27	Synthesis and antibacterial characterization of gemini surfactant monomers and copolymers. <i>Polymer Chemistry</i> , <b>2012</b> , 3, 907	4.9	35
26	Molecular engineered super-nanodevices: smart and safe delivery of potent drugs into tumors. <i>Advanced Materials</i> , <b>2012</b> , 24, 3639-45	24	100
25	Preparation and rapid degradation of nontoxic biodegradable polyurethanes based on poly(lactic acid)-poly(ethylene glycol)-poly(lactic acid) and L-lysine diisocyanate. <i>Polymer Chemistry</i> , <b>2011</b> , 2, 601-607	4.9	88
24	Effect of PEG content on the properties of biodegradable amphiphilic multiblock poly(E-caprolactone urethane)s. <i>Polymer Chemistry</i> , <b>2011</b> , 2, 885	4.9	37
23	Synthesis and Characterization of pH-Sensitive Biodegradable Polyurethane for Potential Drug Delivery Applications. <i>Macromolecules</i> , <b>2011</b> , 44, 857-864	5.5	135
22	Cellular uptake of polyurethane nanocarriers mediated by gemini quaternary ammonium. <i>Biomaterials</i> , <b>2011</b> , 32, 9515-24	15.6	67
21	Synthesis and phase behavior of polyurethanes end-capped with fluorinated phosphatidylcholine head groups. <i>Chinese Journal of Polymer Science (English Edition)</i> , <b>2011</b> , 29, 615-626	3.5	12
20	Synthesis and micellization of new biodegradable phosphorylcholine-capped polyurethane. <i>Journal of Polymer Science Part A</i> , <b>2011</b> , 49, 2033-2042	2.5	34
19	Fabrication and characterization of waterborne biodegradable polyurethanes 3-dimensional porous scaffolds for vascular tissue engineering. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2010</b> , 21, 1637-52	3.5	38
18	Biodegradable gemini multiblock poly(E-caprolactone urethane)s toward controllable micellization. <i>Soft Matter</i> , <b>2010</b> , 6, 2087	3.6	46
17	Preparation and characterization of nonfouling polymer brushes on poly(ethylene terephthalate) film surfaces. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2010</b> , 78, 343-50	6	27
16	Simulation of self-assembly behaviour of fluorinated phospholipid molecules in aqueous solution by dissipative particle dynamics method. <i>Molecular Simulation</i> , <b>2009</b> , 35, 638-647	2	11

15	Synthesis, degradation, and cytotoxicity of multiblock poly(epsilon-caprolactone urethane)s containing gemini quaternary ammonium cationic groups. <i>Biomacromolecules</i> , <b>2009</b> , 10, 2857-65	6.9	93
14	Mechanical and surface properties of polyurethane/fluorinated multi-walled carbon nanotubes composites. <i>Journal of Applied Polymer Science</i> , <b>2008</b> , 108, 2023-2028	2.9	29
13	Surface and bulk properties of poly(ether urethane)s/fluorinated phosphatidylcholine polyurethanes blends. <i>Journal of Applied Polymer Science</i> , <b>2008</b> , 108, 548-553	2.9	13
12	Dispersion and mechanical properties of polypropylene/multiwall carbon nanotubes composites obtained via dynamic packing injection molding. <i>Journal of Applied Polymer Science</i> , <b>2007</b> , 104, 1880-1886	2.9	61
11	Synthesis and degradation of nontoxic biodegradable waterborne polyurethanes elastomer with poly(epsilon-caprolactone) and poly(ethylene glycol) as soft segment. <i>European Polymer Journal</i> , <b>2007</b> , 43, 1838-1846	5.2	120
10	Shear Enhanced Fiber Orientation and Adhesion in PP/Glass Fiber Composites. <i>Macromolecular Materials and Engineering</i> , <b>2006</b> , 291, 239-246	3.9	29
9	Synthesis and hemocompatibility of biomembrane mimicing poly(carbonate urethane)s containing fluorinated alkyl phosphatidylcholine side groups. <i>Biomacromolecules</i> , <b>2006</b> , 7, 2591-9	6.9	32
8	Crystal morphology and transcrystallization mechanism of isotactic polypropylene induced by fibres: interface nucleation versus bulk nucleation. <i>Polymer International</i> , <b>2006</b> , 55, 441-448	3.3	17
7	Novel Biomembrane-Mimicking Polymer Surface with Environmental Responsiveness. <i>Macromolecular Rapid Communications</i> , <b>2005</b> , 26, 1418-1422	4.8	16
6	Phase behavior and hydrogen bonding in biomembrane mimicing polyurethanes with long side chain fluorinated alkyl phosphatidylcholine polar head groups attached to hard block. <i>Polymer</i> , <b>2005</b> , 46, 7230-7239	3.9	48
5	Lamellar orientation in the blends of linear low density polyethylene and isotactic polypropylene induced by dynamic packing injection molding. <i>Journal of Materials Science</i> , <b>2005</b> , 40, 6409-6415	4.3	6
4	The effect of fluorinated side chain attached on hard segment on the phase separation and surface topography of polyurethanes. <i>Polymer</i> , <b>2004</b> , 45, 1647-1657	3.9	96
3	Synthesis and surface mobility of segmented polyurethanes with fluorinated side chains attached to hard blocks. <i>Polymer</i> , <b>2004</b> , 45, 1495-1502	3.9	84
2	Implantable Polyurethane Scaffolds Loading with PEG-Paclitaxel Conjugates for the Treatment of Glioblastoma Multiforme. <i>Chinese Journal of Polymer Science (English Edition)</i> , 1	3.5	1
1	Mussel-inspired polyurethane coating for bio-surface functionalization to enhance substrate adhesion and cell biocompatibility. <i>Journal of Biomaterials Science, Polymer Edition</i> , 1-13	3.5	