

Jose Ramon Sarasua

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.

127
papers

4,079
citations

32
h-index

59
g-index

133
ext. papers

4,568
ext. citations

4.9
avg, IF

5.49
L-index

#	Paper	IF	Citations
127	Advances and Perspectives in Dental Pulp Stem Cell Based Neuroregeneration Therapies. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	6
126	An engineered coccolith-based hybrid that transforms light into swarming motion. <i>Cell Reports Physical Science</i> , 2021 , 2, 100373	6.1	2
125	Smart Layer-by-Layer Polymeric Microreactors: pH-Triggered Drug Release and Attenuation of Cellular Oxidative Stress as Prospective Combination Therapy. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 18511-18524	9.5	1
124	Crystallization Behavior and Mechanical Properties of Poly(ϵ -caprolactone) Reinforced with Barium Sulfate Submicron Particles. <i>Materials</i> , 2021 , 14,	3.5	2
123	Nanostructured scaffolds based on bioresorbable polymers and graphene oxide induce the aligned migration and accelerate the neuronal differentiation of neural stem cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021 , 31, 102314	6	7
122	Electrical percolation in extrinsically conducting, poly(ϵ -decalactone) composite neural interface materials. <i>Scientific Reports</i> , 2021 , 11, 1295	4.9	2
121	Amorphous solid dispersions in poly(ϵ -caprolactone)/xanthohumol bioactive blends: physicochemical and mechanical characterization. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 4219-4229	7.3	1
120	Novel Hydrogels of Chitosan and Poly(vinyl alcohol) Reinforced with Inorganic Particles of Bioactive Glass. <i>Polymers</i> , 2021 , 13,	4.5	5
119	A flexible strain-responsive sensor fabricated from a biocompatible electronic ink via an additive-manufacturing process. <i>Materials and Design</i> , 2021 , 206, 109700	8.1	3
118	Lactide-caprolactone copolymers with tuneable barrier properties for packaging applications. <i>Polymer</i> , 2020 , 202, 122681	3.9	4
117	Plasticization of poly(lactide) with poly(ethylene glycol): Low weight plasticizer vs triblock copolymers. Effect on free volume and barrier properties. <i>Journal of Applied Polymer Science</i> , 2020 , 137, 48868	2.9	2
116	Benefits of Polydopamine as Particle/Matrix Interface in Polylactide/PD-BaSO Scaffolds. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
115	Novel biodegradable and non-fouling systems for controlled-release based on poly(ϵ -caprolactone)/Quercetin blends and biomimetic bacterial S-layer coatings.. <i>RSC Advances</i> , 2019 , 9, 24154-24163	3.7	5
114	Survey on transport properties of vapours and liquids on biodegradable polymers. <i>European Polymer Journal</i> , 2019 , 120, 109232	5.2	5
113	Morphology and mechanical properties of poly(ethylene brassylate)/cellulose nanocrystal composites. <i>Carbohydrate Polymers</i> , 2019 , 221, 137-145	10.3	15
112	Electrospun Fibers of Polyester, with Both Nano- and Micron Diameters, Loaded with Antioxidant for Application as Wound Dressing or Tissue Engineered Scaffolds. <i>ACS Applied Polymer Materials</i> , 2019 , 1, 1096-1106	4.3	6
111	Analysis of a poly(ϵ -decalactone)/silver nanowire composite as an electrically conducting neural interface biomaterial. <i>BMC Biomedical Engineering</i> , 2019 , 1, 9	4.3	3

110	High Throughput Manufacturing of Bio-Resorbable Micro-Porous Scaffolds Made of Poly(L-lactide-co-ε-caprolactone) by Micro-Extrusion for Soft Tissue Engineering Applications. <i>Polymers</i> , 2019 , 12,	4.5	6
109	Tributyl citrate as an effective plasticizer for biodegradable polymers: effect of plasticizer on free volume and transport and mechanical properties. <i>Polymer International</i> , 2019 , 68, 125-133	3.3	27
108	The conformation of chloramphenicol in the ordered and disordered phases. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 211, 383-392	4.4	2
107	Miscibility, interactions and antimicrobial activity of poly(ε-caprolactone)/chloramphenicol blends. <i>European Polymer Journal</i> , 2018 , 102, 30-37	5.2	4
106	Functionalised collagen spheres reduce HO mediated apoptosis by scavenging overexpressed ROS. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018 , 14, 2397-2405	6	26
105	Catechol End-Functionalized Polylactide by Organocatalyzed Ring-Opening Polymerization. <i>Polymers</i> , 2018 , 10,	4.5	12
104	Release mechanisms of urinary tract antibiotics when mixed with bioabsorbable polyesters. <i>Materials Science and Engineering C</i> , 2018 , 93, 529-538	8.3	9
103	Antioxidant functionalized polymer capsules to prevent oxidative stress. <i>Acta Biomaterialia</i> , 2018 , 67, 21-31	10.8	40
102	Tougher biodegradable polylactide system for bone fracture fixations: Miscibility study, phase morphology and mechanical properties. <i>European Polymer Journal</i> , 2018 , 98, 411-419	5.2	19
101	Influence of the Rigid Amorphous Fraction and Crystallinity on Polylactide Transport Properties. <i>Macromolecules</i> , 2018 , 51, 3923-3931	5.5	32
100	Predicting miscibility in polymer blends using the Bagley plot: Blends with poly(ethylene oxide). <i>Polymer</i> , 2017 , 113, 295-309	3.9	23
99	Ethylene brassylate: Searching for new comonomers that enhance the ductility and biodegradability of polylactides. <i>Polymer Degradation and Stability</i> , 2017 , 137, 23-34	4.7	11
98	Recent developments in drug eluting devices with tailored interfacial properties. <i>Advances in Colloid and Interface Science</i> , 2017 , 249, 181-191	14.3	10
97	Mechanical properties and state of miscibility in poly(racD,L-lactide-co-glycolide)/(L-lactide-co-ε-caprolactone) blends. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017 , 71, 372-382	4.1	9
96	Mechanical properties and fatigue analysis on poly(ε-caprolactone)-polydopamine-coated nanofibers and poly(ε-caprolactone)-carbon nanotube composite scaffolds. <i>European Polymer Journal</i> , 2017 , 94, 208-221	5.2	11
95	Polymer capsules as micro-/nanoreactors for therapeutic applications: Current strategies to control membrane permeability. <i>Progress in Materials Science</i> , 2017 , 90, 325-357	42.2	75
94	Preparation of Nanocomposites of Poly(ε-caprolactone) and Multi-Walled Carbon Nanotubes by Ultrasound Micro-Molding. Influence of Nanotubes on Melting and Crystallization. <i>Polymers</i> , 2017 , 9,	4.5	16
93	Polyhydroxyalkanoate/carbon nanotube nanocomposites: flexible electrically conducting elastomers for neural applications. <i>Nanomedicine</i> , 2016 , 11, 2547-63	5.6	29

92	Effects of isothermal crystallization on the mechanical properties of a elastomeric medium chain length polyhydroxyalkanoate. <i>European Polymer Journal</i> , 2016 , 85, 401-410	5.2	6
91	Surface functionalization of an osteoconductive filler by plasma polymerization of poly(ϵ -caprolactone) and poly(acrylic acid) films. <i>Applied Surface Science</i> , 2016 , 386, 327-336	6.7	9
90	Synthesis and properties of ϵ -pentadecalactone-co- ϵ -hexalactone copolymers: a biodegradable thermoplastic elastomer as an alternative to poly(ϵ -caprolactone). <i>RSC Advances</i> , 2016 , 6, 3137-3149	3.7	16
89	Poly(ϵ -hydroxy Acids)-Based Cell Microcarriers. <i>Applied Sciences (Switzerland)</i> , 2016 , 6, 436	2.6	3
88	Miscible blends of poly(ethylene oxide) with brush copolymers of poly(vinyl alcohol)-graft-poly(L-lactide). <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016 , 54, 1217-1226	2.6	4
87	Ethylene brassylate-co- ϵ -hexalactone biobased polymers for application in the medical field: synthesis, characterization and cell culture studies. <i>RSC Advances</i> , 2016 , 6, 22121-22136	3.7	17
86	Antimicrobial poly(ϵ -caprolactone)/thymol blends: Phase behavior, interactions and drug release kinetics. <i>European Polymer Journal</i> , 2016 , 83, 288-299	5.2	14
85	Effect of molecular weight on the physical properties of poly(ethylene brassylate) homopolymers. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016 , 64, 209-19	4.1	19
84	Pyrene-end-functionalized poly(L-lactide) as an efficient carbon nanotube dispersing agent in poly(L-lactide): mechanical performance and biocompatibility study. <i>Biomedical Materials (Bristol)</i> , 2015 , 10, 045003	3.5	12
83	An academic, clinical and industrial update on electrospun, additive manufactured and imprinted medical devices. <i>Expert Review of Medical Devices</i> , 2015 , 12, 601-12	3.5	24
82	Supramolecular structure, phase behavior and thermo-rheological properties of a poly(L-lactide-co- ϵ -caprolactone) statistical copolymer. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015 , 48, 153-163	4.1	8
81	Efficient stereocomplex crystallization in enantiomeric blends of high molecular weight polylactides. <i>RSC Advances</i> , 2015 , 5, 34525-34534	3.7	14
80	Computational Bench Testing to Evaluate the Short-Term Mechanical Performance of a Polymeric Stent. <i>Cardiovascular Engineering and Technology</i> , 2015 , 6, 519-32	2.2	33
79	In vitro degradation studies and mechanical behavior of poly(ϵ -caprolactone-co- ϵ -valerolactone) and poly(ϵ -caprolactone-co-L-lactide) with random and semi-alternating chain microstructures. <i>European Polymer Journal</i> , 2015 , 71, 585-595	5.2	24
78	Coating of bioactive glass particles with mussel-inspired polydopamine as a strategy to improve the thermal stability of poly(L-lactide)/bioactive glass composites. <i>RSC Advances</i> , 2015 , 5, 65618-65626	3.7	12
77	Effects of Polydopamine Functionalization on Boron Nitride Nanotube Dispersion and Cytocompatibility. <i>Bioconjugate Chemistry</i> , 2015 , 26, 2025-37	6.3	32
76	High toughness biodegradable radiopaque composites based on polylactide and barium sulphate. <i>European Polymer Journal</i> , 2015 , 73, 88-93	5.2	21
75	Synthesis and characterization of ϵ -pentadecalactone-co- ϵ -decalactone copolymers: Evaluation of thermal, mechanical and biodegradation properties. <i>Polymer</i> , 2015 , 81, 12-22	3.9	21

74	Effect of bioactive glass particles on osteogenic differentiation of adipose-derived mesenchymal stem cells seeded on lactide and caprolactone based scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , 2015 , 103, 3815-24	5.4	13
73	Design, Degradation Mechanism and Long-Term Cytotoxicity of Poly(L-lactide) and Poly(Lactide-co- ϵ -Caprolactone) Terpolymer Film and Air-Spun Nanofiber Scaffold. <i>Macromolecular Bioscience</i> , 2015 , 15, 1392-410	5.5	21
72	Crystallization and melting behavior of poly(ϵ -caprolactone-co- ϵ -valerolactone) and poly(ϵ -caprolactone-co-L-lactide) copolymers with novel chain microstructures. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	12
71	Phase behavior and interactions in poly(dl-lactide)/poly(styrene-co-vinylphenol) blends. <i>European Polymer Journal</i> , 2015 , 63, 58-66	5.2	3
70	In vitro degradation of poly(lactide/ ϵ -valerolactone) copolymers. <i>Polymer Degradation and Stability</i> , 2015 , 112, 104-116	4.7	18
69	Thermal and mechanical characterization of films based on poly(vinyl alcohol) and ϵ -lactoglobulin blends. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	1
68	Tensile behavior and dynamic mechanical analysis of novel poly(lactide/ ϵ -valerolactone) statistical copolymers. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014 , 35, 39-50	4.1	15
67	Novel hydrogels of chitosan and poly(vinyl alcohol)-g-glycolic acid copolymer with enhanced rheological properties. <i>Carbohydrate Polymers</i> , 2014 , 103, 267-73	10.3	37
66	Supramolecular evolution over an initial period of biodegradation of lactide and caprolactone based medical (co)polyesters. <i>Polymer Degradation and Stability</i> , 2014 , 108, 87-96	4.7	9
65	Hydrolytic degradation and bioactivity of lactide and caprolactone based sponge-like scaffolds loaded with bioactive glass particles. <i>Polymer Degradation and Stability</i> , 2014 , 110, 121-128	4.7	41
64	Crystallization and its effect on the mechanical properties of a medium chain length polyhydroxyalkanoate. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014 , 39, 87-94	4.1	21
63	A new generation of poly(lactide/ ϵ -caprolactone) polymeric biomaterials for application in the medical field. <i>Journal of Biomedical Materials Research - Part A</i> , 2014 , 102, 3573-84	5.4	27
62	A study of the mechanical properties and cytocompatibility of lactide and caprolactone based scaffolds filled with inorganic bioactive particles. <i>Materials Science and Engineering C</i> , 2014 , 42, 451-60	8.3	16
61	Anhydric maleic functionalization and polyethylene glycol grafting of lactide-co-trimethylene carbonate copolymers. <i>Materials Science and Engineering C</i> , 2014 , 42, 517-28	8.3	2
60	Improvement of toughness by stereocomplex crystal formation in optically pure polylactides of high molecular weight. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014 , 37, 219-25	4.1	25
59	From implantation to degradation - are poly (l-lactide)/multiwall carbon nanotube composite materials really cytocompatible?. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014 , 10, 1041-51	6	29
58	Miscible Blends Based on Biodegradable Polymers 2014 , 7-92		3
57	Phase behavior and effects of microstructure on viscoelastic properties of a series of polylactides and polylactide/poly(ϵ -caprolactone) copolymers. <i>Rheologica Acta</i> , 2014 , 53, 857-868	2.3	13

56	Complex phase behavior and state of miscibility in Poly(ethylene glycol)/Poly(l-lactide-co-ε-caprolactone) Blends. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2014 , 52, 111-121	2.6	7
55	Grafting of a model protein on lactide and caprolactone based biodegradable films for biomedical applications. <i>Biomatter</i> , 2014 , 4, e27979		2
54	Ultra-fast laser microprocessing of medical polymers for cell engineering applications. <i>Materials Science and Engineering C</i> , 2014 , 37, 241-50	8.3	39
53	Influence of the geometrical properties of the carbon nanotubes on the interfacial behavior of epoxy/CNT composites: A molecular modelling approach. <i>Computational Materials Science</i> , 2013 , 79, 99-104	3.2	33
52	Polymerized ionic liquid functionalized multi-walled carbon nanotubes/polyetherimide composites. <i>European Polymer Journal</i> , 2013 , 49, 3770-3777	5.2	30
51	Effects of chain microstructures and derived crystallization capability on hydrolytic degradation of poly(l-lactide/ε-caprolactone) copolymers. <i>Polymer Degradation and Stability</i> , 2013 , 98, 481-489	4.7	51
50	Improvement of thermal stability and mechanical properties of medical polyester composites by plasma surface modification of the bioactive glass particles. <i>Polymer Degradation and Stability</i> , 2013 , 98, 1717-1723	4.7	16
49	Synthesis and characterization of poly (l-lactide/ε-caprolactone) statistical copolymers with well resolved chain microstructures. <i>Polymer</i> , 2013 , 54, 2621-2631	3.9	48
48	Effects of repeat unit sequence distribution and residual catalyst on thermal degradation of poly(l-lactide/ε-caprolactone) statistical copolymers. <i>Polymer Degradation and Stability</i> , 2013 , 98, 1293-1299	4.7	25
47	Effect of bioactive glass particles on the thermal degradation behaviour of medical polyesters. <i>Polymer Degradation and Stability</i> , 2013 , 98, 751-758	4.7	23
46	Phase-structure and mechanical properties of isothermally melt-and cold-crystallized poly (L-lactide). <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2013 , 17, 242-51	4.1	59
45	Competing specific interactions investigated by molecular dynamics: analysis of poly(p-dioxanone)/poly(vinylphenol) blends. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 719-24	3.4	12
44	Making novel bio-interfaces through bacterial protein recrystallization on biocompatible polylactide derivative films. <i>Journal of Chemical Physics</i> , 2013 , 139, 121903	3.9	10
43	Polylactide stereocomplex crystallization prompted by multiwall carbon nanotubes. <i>Journal of Applied Polymer Science</i> , 2013 , 130, n/a-n/a	2.9	14
42	Plasticization of Poly-L-lactide with L-lactide, D-lactide, and D,L-lactide monomers. <i>Polymer Engineering and Science</i> , 2013 , 53, 2073-2080	2.3	8
41	Nanocomposites Based on PLLA and Multi Walled Carbon Nanotubes Support the Myogenic Differentiation of Murine Myoblast Cell Line 2013 , 2013, 1-8		6
40	Novel poly(vinyl alcohol)-g-poly(hydroxy acid) copolymers: Synthesis and characterization. <i>Polymer</i> , 2012 , 53, 50-59	3.9	16
39	Nano- and microstructural effects on thermal properties of poly (l-lactide)/multi-wall carbon nanotube composites. <i>Polymer</i> , 2012 , 53, 2412-2421	3.9	67

38	Synthesis, structure and properties of poly(L-lactide-co-ε-caprolactone) statistical copolymers. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2012 , 9, 100-12	4.1	123
37	Effects of chain microstructures on mechanical behavior and aging of a poly(L-lactide-co-ε-caprolactone) biomedical thermoplastic-elastomer. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2012 , 12, 29-38	4.1	45
36	Novel miscible blends of poly(p-dioxanone) with poly(vinyl phenol). <i>European Polymer Journal</i> , 2012 , 48, 1455-1465	5.2	13
35	Physical Aging in Poly(L-lactide) and its Multi-Wall Carbon Nanotube Nanocomposites. <i>Macromolecular Symposia</i> , 2012 , 321-322, 118-123	0.8	15
34	Luminescence Study of Polymer Optical Fibers Doped With Conjugated Polymers. <i>Journal of Lightwave Technology</i> , 2012 , 30, 3367-3375	4	4
33	Biocompatible poly(L-lactide)/MWCNT nanocomposites: morphological characterization, electrical properties, and stem cell interaction. <i>Macromolecular Bioscience</i> , 2012 , 12, 870-81	5.5	44
32	Effects of Bioactive Glass Particles on the Mechanical and Thermal Behavior of Poly(ε-caprolactone). <i>Macromolecular Symposia</i> , 2012 , 321-322, 25-29	0.8	3
31	Miscibility and Transport Properties of Poly(lactide)/Phenoxy System. <i>Macromolecular Symposia</i> , 2012 , 321-322, 20-24	0.8	3
30	Molecular dynamics study of the influence of functionalization on the elastic properties of single and multiwall carbon nanotubes. <i>Computational Materials Science</i> , 2011 , 50, 3417-3424	3.2	29
29	Picosecond laser ablation of poly-L-lactide: Effect of crystallinity on the material response. <i>Journal of Applied Physics</i> , 2011 , 110, 094902	2.5	20
28	Miscibility of Poly(vinyl alcohol)-graft-Hydroxy Ester/Poly(vinylpyrrolidone) Blends. <i>Macromolecules</i> , 2011 , 44, 7351-7363	5.5	12
27	Crystallinity assessment and in vitro cytotoxicity of polylactide scaffolds for biomedical applications. <i>Journal of Materials Science: Materials in Medicine</i> , 2011 , 22, 2513-23	4.5	38
26	Poly(ethylene oxide)-b-poly(L-lactide) diblock copolymer/carbon nanotube-based nanocomposites: LiCl as supramolecular structure-directing agent. <i>Biomacromolecules</i> , 2011 , 12, 4086-94	6.9	28
25	A PALS Contribution to the Supramolecular Structure of Poly(l-lactide). <i>Macromolecules</i> , 2010 , 43, 4698-4707	3.5	60
24	Molecular dynamics modelling for the analysis and prediction of miscibility in polylactide/polyvinilphenol blends. <i>Polymer</i> , 2010 , 51, 4431-4438	3.9	58
23	Electrochemical synthesis of poly(3,4-ethylenedioxythiophene) nanotube arrays using ZnO templates. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 4648-4653	2.5	45
22	Spectroscopic Characterization of Plastic Optical Fibers Doped With Fluorene Oligomers. <i>Journal of Lightwave Technology</i> , 2009 , 27, 3220-3226	4	12
21	Analysis of the C=O Stretching Band of the ε-Crystal of Poly(l-lactide). <i>Macromolecules</i> , 2009 , 42, 5717-5725	3.5	56

20	Crystallinity and Crystalline Confinement of the Amorphous Phase in Polylactides. <i>Macromolecular Symposia</i> , 2008 , 272, 81-86	0.8	15
19	A new approach to hydrophobic and water-resistant poly(3,4-ethylenedioxythiophene):poly(styrenesulfonate) films using ionic liquids. <i>Journal of Materials Chemistry</i> , 2008 , 18, 5354		49
18	Spectroscopic Evidence for Stereocomplex Formation by Enantiomeric Polyamides Derived from Tartaric Acid. <i>Macromolecules</i> , 2008 , 41, 3734-3738	5.5	16
17	Compatibilization through Specific Interactions and Dynamic Fragility in Poly(D,L-lactide)/Polystyrene Blends. <i>Macromolecular Chemistry and Physics</i> , 2008 , 209, 2423-2433	2.6	20
16	Glass transition behavior and dynamic fragility in polylactides containing mobile and rigid amorphous fractions. <i>Polymer</i> , 2008 , 49, 4427-4432	3.9	99
15	Exothermal Process in Miscible Polylactide/Poly(vinyl phenol) Blends: Mixing Enthalpy or Chemical Reaction?. <i>Macromolecular Rapid Communications</i> , 2006 , 27, 2026-2031	4.8	13
14	Properties of aged montmorillonite-wheat gluten composite films. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 1283-8	5.7	74
13	Infrared Spectrum of Poly(L-lactide): Application to Crystallinity Studies. <i>Macromolecules</i> , 2006 , 39, 9291-9301	5.3	163
12	Conformational behavior of poly(L-lactide) studied by infrared spectroscopy. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 5790-800	3.4	102
11	Crystallization, morphology, and mechanical behavior of polylactide/poly(ϵ -caprolactone) blends. <i>Polymer Engineering and Science</i> , 2006 , 46, 1299-1308	2.3	233
10	Direct Measurement of the Enthalpy of Mixing in Miscible Blends of Poly(dl-lactide) with Poly(vinylphenol). <i>Macromolecules</i> , 2005 , 38, 9221-9228	5.5	50
9	Miscibility and Specific Interactions in Blends of Poly(l-Lactide) with Poly(Vinylphenol). <i>Macromolecules</i> , 2005 , 38, 1207-1215	5.5	120
8	Stereoselective Crystallization and Specific Interactions in Polylactides. <i>Macromolecules</i> , 2005 , 38, 8362-8371	5.3	198
7	Crystallization and thermal behaviour of optically pure polylactides and their blends. <i>Journal of Materials Science</i> , 2005 , 40, 1855-1862	4.3	44
6	Cracking in polylactide spherulites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2005 , 43, 3308-3315	1.5	30
5	Crystallinity and mechanical properties of optically pure polylactides and their blends. <i>Polymer Engineering and Science</i> , 2005 , 45, 745-753	2.3	157
4	Crystallization and Melting Behavior of Polylactides. <i>Macromolecules</i> , 1998 , 31, 3895-3905	5.5	449
3	Recycling effects on microstructure and mechanical behaviour of PEEK short carbon-fibre composites. <i>Journal of Materials Science</i> , 1997 , 32, 533-536	4.3	15

- 2 Effects of thermal history on mechanical behavior of PEEK and its short-fiber composites. *Polymer Composites*, **1996**, 17, 468-477 3 19
- 1 The mechanical behaviour of PEEK short fibre composites. *Journal of Materials Science*, **1995**, 30, 3501-3508 104