

Won Ho Jo

List of Publications by Citations

Source: <https://exaly.com/author-pdf/11096995/won-ho-jo-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

130
papers

6,230
citations

46
h-index

75
g-index

131
ext. papers

6,527
ext. citations

6.3
avg, IF

6.06
L-index

#	Paper	IF	Citations
130	Fluoro-Substituted n-Type Conjugated Polymers for Additive-Free All-Polymer Bulk Heterojunction Solar Cells with High Power Conversion Efficiency of 6.71. <i>Advanced Materials</i> , 2015 , 27, 3310-7	24	400
129	On the morphology of polymer-based photovoltaics. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2012 , 50, 1018-1044	2.6	285
128	A fluorinated phenylene unit as a building block for high-performance n-type semiconducting polymer. <i>Advanced Materials</i> , 2013 , 25, 2583-8	24	230
127	Structural Determination and Interior Polarity of Self-Aggregates Prepared from Deoxycholic Acid-Modified Chitosan in Water. <i>Macromolecules</i> , 1998 , 31, 378-383	5.5	196
126	Fabrication of highly conductive and transparent thin films from single-walled carbon nanotubes using a new non-ionic surfactant via spin coating. <i>ACS Nano</i> , 2010 , 4, 5382-8	16.7	188
125	A high mobility conjugated polymer based on dithienothiophene and diketopyrrolopyrrole for organic photovoltaics. <i>Energy and Environmental Science</i> , 2012 , 5, 6857	35.4	164
124	Semi-crystalline random conjugated copolymers with panchromatic absorption for highly efficient polymer solar cells. <i>Energy and Environmental Science</i> , 2013 , 6, 3301	35.4	160
123	Fluorination on both D and A units in D _A type conjugated copolymers based on difluorobithiophene and benzothiadiazole for highly efficient polymer solar cells. <i>Energy and Environmental Science</i> , 2015 , 8, 2427-2434	35.4	156
122	Optimization of thickness and morphology of active layer for high performance of bulk-heterojunction organic solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2010 , 94, 1118-1124	6.4	152
121	Physicochemical Characteristics of Self-Aggregates of Hydrophobically Modified Chitosans. <i>Langmuir</i> , 1998 , 14, 2329-2332	4	132
120	Facile method to functionalize graphene oxide and its application to poly(ethylene terephthalate)/graphene composite. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 4184-91	9.5	127
119	Degradation and stability of polymer-based solar cells. <i>Journal of Materials Chemistry</i> , 2012 , 22, 24265		124
118	Fluorination of Polythiophene Derivatives for High Performance Organic Photovoltaics. <i>Chemistry of Materials</i> , 2014 , 26, 4214-4220	9.6	122
117	Synthesis and photophysical property of well-defined donor-acceptor diblock copolymer based on regioregular poly(3-hexylthiophene) and fullerene. <i>Journal of Materials Chemistry</i> , 2009 , 19, 1483		119
116	Synthesis of C60-end capped P3HT and its application for high performance of P3HT/PCBM bulk heterojunction solar cells. <i>Journal of Materials Chemistry</i> , 2010 , 20, 3287		110
115	Enhanced performance and air stability of polymer solar cells by formation of a self-assembled buffer layer from fullerene-end-capped poly(ethylene glycol). <i>Advanced Materials</i> , 2011 , 23, 1782-7	24	102
114	Comparison of Two D _A Type Polymers with Each Being Fluorinated on D and A Unit for High Performance Solar Cells. <i>Advanced Functional Materials</i> , 2015 , 25, 120-125	15.6	99

113	Low-Bandgap Small Molecules as Non-Fullerene Electron Acceptors Composed of Benzothiadiazole and Diketopyrrolopyrrole for All Organic Solar Cells. <i>Chemistry of Materials</i> , 2015 , 27, 6038-6043	9.6	98
112	Aqueous suspension of carbon nanotubes via non-covalent functionalization with oligothiophene-terminated poly(ethylene glycol). <i>Carbon</i> , 2007 , 45, 1051-1057	10.4	98
111	Structural characterization and surface modification of sulfonated polystyrene(ethylenebutylene)styrene triblock proton exchange membranes. <i>Journal of Membrane Science</i> , 2003 , 214, 245-257	9.6	95
110	Morphology control of a polythiophene-fullerene bulk heterojunction for enhancement of the high-temperature stability of solar cell performance by a new donor-acceptor diblock copolymer. <i>Nanotechnology</i> , 2010 , 21, 105201	3.4	89
109	Recent progress in high efficiency polymer solar cells by rational design and energy level tuning of low bandgap copolymers with various electron-withdrawing units. <i>Organic Electronics</i> , 2016 , 31, 149-170	3.5	86
108	High-Efficiency Polymer Solar Cells with Water-Soluble and Self-Doped Conducting Polyaniline Graft Copolymer as Hole Transport Layer. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 633-637	3.8	85
107	Enhanced device performance of polymer solar cells by planarization of quinoxaline derivative in a low-bandgap polymer. <i>Journal of Materials Chemistry</i> , 2011 , 21, 8583		80
106	Synthesis of Polymeric Temperature Sensor Based on Photophysical Property of Fullerene and Thermal Sensitivity of Poly(N-isopropylacrylamide). <i>Macromolecules</i> , 2009 , 42, 2756-2761	5.5	79
105	Medium Bandgap Conjugated Polymer for High Performance Polymer Solar Cells Exceeding 9% Power Conversion Efficiency. <i>Advanced Materials</i> , 2015 , 27, 7462-8	24	73
104	Annealing-Free High Efficiency and Large Area Polymer Solar Cells Fabricated by a Roller Painting Process. <i>Advanced Functional Materials</i> , 2010 , 20, 2355-2363	15.6	69
103	A Water-Soluble and Self-Doped Conducting Polypyrrole Graft Copolymer. <i>Macromolecules</i> , 2005 , 38, 1044-1047	5.5	69
102	Two different mechanisms of CH ₃ NH ₃ PbI ₃ film formation in one-step deposition and its effect on photovoltaic properties of OPV-type perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 23964-23972	13	68
101	Diketopyrrolopyrrole-based small molecules with simple structure for high VOC organic photovoltaics. <i>Organic Electronics</i> , 2012 , 13, 3060-3066	3.5	68
100	A low band-gap polymer based on unsubstituted benzo[1,2-b:4,5-b']dithiophene for high performance organic photovoltaics. <i>Chemical Communications</i> , 2012 , 48, 6933-5	5.8	66
99	Effects of Shear on Melt Exfoliation of Clay in Preparation of Nylon 6/Organoclay Nanocomposites. <i>Polymer Journal</i> , 2002 , 34, 103-111	2.7	66
98	Performance enhancement of planar heterojunction perovskite solar cells by n-doping of the electron transporting layer. <i>Chemical Communications</i> , 2015 , 51, 17413-6	5.8	65
97	Synthesis and Micellization of Star-Shaped Poly(ethylene glycol)-block-Poly(ϵ -caprolactone). <i>Macromolecular Chemistry and Physics</i> , 2004 , 205, 1684-1692	2.6	65
96	A Small Molecule Composed of Dithienopyran and Diketopyrrolopyrrole as Versatile Electron Donor Compatible with Both Fullerene and Nonfullerene Electron Acceptors for High Performance Organic Solar Cells. <i>Chemistry of Materials</i> , 2015 , 27, 4865-4870	9.6	64

95	Exfoliated Nanocomposite from Polyaniline Graft Copolymer/Clay. <i>Macromolecules</i> , 2004 , 37, 9850-9854	5.5	64
94	A Monte Carlo Simulation for the Micellization of ABA- and BAB-Type Triblock Copolymers in a Selective Solvent. <i>Macromolecules</i> , 2001 , 34, 7210-7218	5.5	62
93	Conjugated Random Copolymers Consisting of Pyridine- and Thiophene-Capped Diketopyrrolopyrrole as Co-Electron Accepting Units To Enhance both JSC and VOC of Polymer Solar Cells. <i>Macromolecules</i> , 2015 , 48, 7836-7842	5.5	58
92	Synthesis of pyridine-capped diketopyrrolopyrrole and its use as a building block of low band-gap polymers for efficient polymer solar cells. <i>Chemical Communications</i> , 2013 , 49, 8495-7	5.8	58
91	Direct exfoliation of graphite using a non-ionic polymer surfactant for fabrication of transparent and conductive graphene films. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 1870	7.1	57
90	Extended low bandgap polymer based on isoindigo and thienylvinylene for high performance polymer solar cells. <i>Energy and Environmental Science</i> , 2014 , 7, 650-654	35.4	56
89	Anthracene-Based Medium Bandgap Conjugated Polymers for High Performance Polymer Solar Cells Exceeding 8% PCE Without Additive and Annealing Process. <i>Advanced Energy Materials</i> , 2015 , 5, 1500065	21.8	53
88	A strategy to enhance both VOC and JSC of AD _A type small molecules based on diketopyrrolopyrrole for high efficient organic solar cells. <i>Organic Electronics</i> , 2013 , 14, 1621-1628	3.5	53
87	Multi-walled carbon nanotubes covalently attached with poly(3-hexylthiophene) for enhancement of field-effect mobility of poly(3-hexylthiophene)/multi-walled carbon nanotube composites. <i>Carbon</i> , 2010 , 48, 389-395	10.4	53
86	Synthesis of Polythiophene-graft-PMMA and Its Role as Compatibilizer for Poly(styrene-co-acrylonitrile)/MWCNT Nanocomposites. <i>Macromolecules</i> , 2007 , 40, 3708-3713	5.5	49
85	A novel water-soluble and self-doped conducting polyaniline graft copolymer. <i>Chemical Communications</i> , 2003 , 2768-9	5.8	48
84	The effect of different chalcogenophenes in isoindigo-based conjugated copolymers on photovoltaic properties. <i>Polymer Chemistry</i> , 2014 , 5, 6545-6550	4.9	45
83	A perylene diimide-based non-fullerene acceptor as an electron transporting material for inverted perovskite solar cells. <i>RSC Advances</i> , 2016 , 6, 19923-19927	3.7	44
82	Synthesis of graphene nanoribbons with various widths and its application to thin-film transistor. <i>Carbon</i> , 2013 , 63, 202-209	10.4	44
81	Design and Synthesis of a New pH Sensitive Polymeric Sensor Using Fluorescence Resonance Energy Transfer. <i>Chemistry of Materials</i> , 2005 , 17, 6213-6215	9.6	40
80	Highly Crystalline Low Band Gap Polymer Based on Thieno[3,4-c]pyrrole-4,6-dione for High-Performance Polymer Solar Cells with a >400 nm Thick Active Layer. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 13666-74	9.5	39
79	Efficiency enhancement of P3HT/PCBM bulk heterojunction solar cells by attaching zinc phthalocyanine to the chain-end of P3HT. <i>Journal of Materials Chemistry</i> , 2011 , 21, 17209		38
78	Synthesis and photovoltaic properties of low-bandgap alternating copolymers consisting of 3-hexylthiophene and [1,2,5]thiadiazolo[3,4-g]quinoxaline derivatives. <i>Organic Electronics</i> , 2010 , 11, 846-853	3.5	38

77	Charge-Transport Tuning of Solution-Processable Graphene Nanoribbons by Substitutional Nitrogen Doping. <i>Macromolecular Chemistry and Physics</i> , 2013 , 214, 2768-2773	2.6	37
76	Preparation of new proton exchange membrane based on self-assembly of Poly(styrene-co-styrene sulfonic acid)-b-poly(methyl methacrylate)/Poly(vinylidene fluoride) blend. <i>Journal of Power Sources</i> , 2009 , 188, 127-131	8.9	35
75	CH ₃ NH ₃ PbI ₃ crystal orientation and photovoltaic performance of planar heterojunction perovskite solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2017 , 160, 77-84	6.4	34
74	Development of Self-Doped Conjugated Polyelectrolytes with Controlled Work Functions and Application to Hole Transport Layer Materials for High-Performance Organic Solar Cells. <i>Advanced Materials Interfaces</i> , 2016 , 3, 1500703	4.6	34
73	Noncovalent functionalization of multiwalled carbon nanotubes using graft copolymer with naphthalene and its application as a reinforcing filler for poly(styrene-co-acrylonitrile). <i>Journal of Polymer Science Part A</i> , 2010 , 48, 4184-4191	2.5	33
72	Complex formation between plasmid DNA and self-aggregates of deoxycholic acid-modified chitosan. <i>Polymer</i> , 2005 , 46, 8107-8112	3.9	32
71	Enhanced performance of polymer solar cells with PSSA-g-PANI/Graphene oxide composite as hole transport layer. <i>Solar Energy Materials and Solar Cells</i> , 2014 , 130, 599-604	6.4	31
70	Highly Ordered Poly(3-hexylthiophene) Rod Polymers via Block Copolymer Self-Assembly. <i>Macromolecules</i> , 2011 , 44, 1771-1774	5.5	30
69	Synthesis and Crystallization Behavior of Poly(m-methylene 2,6-naphthalate-co-1,4-cyclohexylenedimethylene 2,6-naphthalate) Copolymers. <i>Macromolecules</i> , 2003 , 36, 4051-4059	5.5	29
68	Drug release behavior of poly(ϵ -caprolactone)-b-Poly(acrylic acid) Shell Crosslinked Micelles below the Critical Micelle Concentration. <i>Macromolecular Research</i> , 2005 , 13, 397-402	1.9	29
67	Conformational Analysis in ABA Triblock Melts by Monte Carlo Simulation. <i>Macromolecules</i> , 2002 , 35, 2413-2416	5.5	29
66	A New pH Sensor Using the Fluorescence Quenching of Carbon Nanotubes. <i>Macromolecular Rapid Communications</i> , 2008 , 29, 1798-1803	4.8	28
65	A Monte Carlo simulation for the micellization of ABA- and BAB-type triblock copolymers in a selective solvent. II. Effects of the block composition. <i>Journal of Chemical Physics</i> , 2002 , 117, 8565-8572	3.9	27
64	Plasticization Behavior of Polyacrylonitrile and Characterization of Acrylic Fiber Prepared from the Plasticized Melt. <i>Polymer Journal</i> , 1992 , 24, 841-848	2.7	25
63	A low band-gap copolymer composed of thienyl substituted anthracene and diketopyrrolopyrrole compatible with multiple electron acceptors for high efficiency polymer solar cells. <i>Polymer Chemistry</i> , 2015 , 6, 4013-4019	4.9	24
62	Synthesis of thermally stable organosilicate for exfoliated poly(ethylene terephthalate) nanocomposite with superior tensile properties. <i>Macromolecular Research</i> , 2007 , 15, 178-184	1.9	24
61	Graphene-based electrodes for flexible electronics. <i>Polymer International</i> , 2015 , 64, 1676-1684	3.3	23
60	Micellization behavior of B-shaped copolymers in a selective solvent: A Brownian dynamics simulation approach. <i>Journal of Chemical Physics</i> , 2003 , 119, 5705-5710	3.9	23

59	The effects of physical aging on the thermal and mechanical properties of an epoxy polymer. <i>Polymer Engineering and Science</i> , 1991 , 31, 239-244	2.3	21
58	Density Functional Study on the Regioselectivity of Styrene Polymerization with an ansa-Metallocene Catalyst. <i>Organometallics</i> , 2006 , 25, 1144-1150	3.8	20
57	Ternary Blend Composed of Two Organic Donors and One Acceptor for Active Layer of High-Performance Organic Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 10961-7	9.5	20
56	Effect of matrix viscosity on clay dispersion in preparation of polymer/organoclay nanocomposites. <i>Fibers and Polymers</i> , 2002 , 3, 103-108	2	19
55	Crystallization-induced sequential reordering in poly(trimethylene terephthalate)/polycarbonate blends. <i>Macromolecular Research</i> , 2002 , 10, 145-149	1.9	19
54	Synthesis and isodimorphic cocrystallization behavior of poly(1,4-cyclohexylenedimethylene terephthalate-co-1,4-cyclohexylenedimethylene 2,6-naphthalate) copolymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2004 , 42, 177-187	2.6	18
53	Synthesis of thieno[3,4-d]thiazole-based conjugated polymers and HOMO level tuning for high VOC photovoltaic cell. <i>Organic Electronics</i> , 2012 , 13, 1322-1328	3.5	17
52	Synthesis of a low bandgap polymer based on a thiadiazolo-indolo[3,2-b]carbazole derivative for enhancement of open circuit voltage of polymer solar cells. <i>Polymer Chemistry</i> , 2012 , 3, 2928	4.9	17
51	Synthesis and photophysical properties of soluble low-bandgap thienothiophene polymers with various alkyl side-chain lengths. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 3260-3271	2.5	17
50	Cocrystallization of poly(1,4-cyclohexylenedimethylene terephthalate-co-hexamethylene terephthalate) copolymers. <i>Macromolecular Research</i> , 2004 , 12, 459-465	1.9	16
49	Isoidindigo-based conjugated polymer for high-performance organic solar cell with a high VOC of 1.06 V as processed from non-halogenated solvent. <i>Dyes and Pigments</i> , 2019 , 161, 113-118	4.6	16
48	Preparation and characterization of conducting poly(acryloyl chloride)-g- polypyrrole copolymer. <i>Polymers for Advanced Technologies</i> , 2002 , 13, 670-677	3.2	15
47	Phase behavior of poly(ϵ -caprolactone)/ poly (vinylidene fluoride) blends. <i>Polymer International</i> , 1992 , 29, 173-178	3.3	15
46	Polythiophene-graft-PMMA as a dispersing agent for multi-walled carbon nanotubes in organic solvent. <i>Macromolecular Research</i> , 2008 , 16, 749-752	1.9	14
45	Synthesis, structure, and thermal property of poly(trimethylene terephthalate-co-trimethylene 2,6-naphthalate) copolymers. <i>Fibers and Polymers</i> , 2004 , 5, 245-251	2	14
44	Synthesis of fluorinated amphiphilic triblock copolymer and its application in high temperature PEM fuel cells. <i>Journal of Materials Chemistry</i> , 2012 , 22, 7187		13
43	Synthesis of poly(3-hexylthiophene)-graft-poly(t-butyl acrylate-co-acrylic acid) and its role of compatibilizer for enhancement of mechanical and electrical properties of Nylon 66/multi-walled carbon nanotube composites. <i>Composites Science and Technology</i> , 2009 , 69, 2205-2211	8.6	13
42	Monte carlo simulation of copolymerization by ester interchange reaction in miscible polyester blends. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1998 , 36, 1637-1645	2.6	13

41	Effect of chain topology of block copolymer on micellization: Ring versus linear block copolymer. <i>Journal of Chemical Physics</i> , 2003 , 118, 8468-8475	3.9	12
40	Ternary blends of phenoxy/SAN/poly(ϵ -caprolactone). <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1994 , 32, 1321-1328	2.6	12
39	Effect of fluorine substitution on photovoltaic performance of DPP-based copolymer. <i>Organic Electronics</i> , 2015 , 20, 125-131	3.5	11
38	Synthesis of 6H-benzo[c]chromene as a new electron-rich building block of conjugated alternating copolymers and its application to polymer solar cells. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 14146-14153	1.3	11
37	Segmental motions and associated dynamic mechanical thermal properties of a series of copolymers based on poly(hexamethylene terephthalate) and poly(1,4-cyclohexylenedimethylene terephthalate). <i>Macromolecular Research</i> , 2006 , 14, 416-423	1.9	11
36	Effect of solvent or hydrophilic polymer on the hydration melting behavior of polyacrylonitrile. <i>Journal of Applied Polymer Science</i> , 1994 , 54, 457-462	2.9	11
35	Miscibility of poly(ϵ -caprolactone) and of poly(styrene-co-acrylonitrile) with poly(styrene-co-acrylic acid). <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1991 , 29, 1579-1584	2.6	11
34	Thermal stability of polyacrylonitrile in the melt formed by hydration. <i>Journal of Applied Polymer Science</i> , 1992 , 46, 1793-1798	2.9	11
33	Crystal Structure Determination of Poly(1,4-trans-cyclohexylenedimethylene 2,6-naphthalate) by X-ray Diffraction and Molecular Modeling. <i>Macromolecules</i> , 2003 , 36, 5201-5207	5.5	10
32	Phase transformation of poly(trimethylene terephthalate) in crystalline state: An atomistic modeling approach. <i>Fibers and Polymers</i> , 2000 , 1, 18-24	2	10
31	A New Polymeric pH Sensor Based on Photophysical Property of Gold Nanoparticle and pH Sensitivity of Poly(sulfadimethoxine methacrylate). <i>Macromolecular Chemistry and Physics</i> , 2010 , 211, 1054-1060	2.6	9
30	Charge transport in amorphous low bandgap conjugated polymer/fullerene films. <i>Journal of Applied Physics</i> , 2012 , 111, 043710	2.5	8
29	Phase behavior of ternary blends of diblock copolymer with homopolymer blends. <i>Journal of Chemical Physics</i> , 2002 , 117, 9920-9926	3.9	8
28	Miscibility of Poly(vinylidene fluoride) and Poly(styrene-co-methyl methacrylate) Blends. <i>Polymer Journal</i> , 1991 , 23, 1243-1247	2.7	8
27	Structure-property relationships of copolyamides. I. Thermal properties and crystallization. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1989 , 27, 673-687	2.6	8
26	Synthesis and physical properties of pH-sensitive semi-IPN hydrogels based on poly(dimethylaminoethyl methacrylate-co-PEG dimethacrylate) and poly(acrylic acid). <i>Fibers and Polymers</i> , 2006 , 7, 223-228	2	7
25	Preparation of SAN/silicate nanocomposites using PMMA as a compatibilizer. <i>Fibers and Polymers</i> , 2003 , 4, 97-101	2	7
24	Origin of miscibility-induced sequential reordering and crystallization-induced sequential reordering in binary copolyesters: a Monte Carlo simulation. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2001 , 39, 1337-1347	2.6	7

23	Analysis of the elastic deformation of semicrystalline poly(trimethylene terephthalate) by the atomistic-continuum model. <i>Journal of Chemical Physics</i> , 2001 , 114, 8159-8164	3.9	7
22	A thermoanalytical study on solid-state cure of poly(p-phenylene sulfide). <i>Polymer Engineering and Science</i> , 1994 , 34, 81-85	2.3	7
21	Compatibility of nylon 6 and PMMA- β lgiogamide graft copolymer. <i>Journal of Applied Polymer Science</i> , 1984 , 29, 567-576	2.9	7
20	Effect of the vertical composition gradient of active layer on the performance of bulk-heterojunction organic photovoltaic cell. <i>Journal of Applied Physics</i> , 2011 , 110, 114521	2.5	6
19	Effect of alkyl chain length on thermochromism of novel nitro compounds. <i>Fibers and Polymers</i> , 2007 , 8, 234-236	2	6
18	Optimization of molecular structure of polythiophene-graft-PMMA for effective compatibilization of SAN/MWCNT composite with superior mechanical properties. <i>Fibers and Polymers</i> , 2008 , 9, 544-550	2	5
17	Phase behavior of poly(ethylene oxide) and sulfonated polystyrene blends with and without solvent. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1991 , 29, 759-764	2.6	5
16	Miscibility of poly(methyl methacrylate-co-vinyl pyridine) and poly(butyl acrylate-co-acrylic acid) blends. <i>Polymer Bulletin</i> , 1989 , 21, 183	2.4	5
15	Sol-Gel transition and crystallization kinetics of ultra-high molecular weight polyethylene/decalin solution. <i>Polymer Engineering and Science</i> , 1989 , 29, 1569-1573	2.3	5
14	Morphologies of Binary AB/AC Diblock Copolymer Blends. <i>Macromolecular Chemistry and Physics</i> , 2002 , 203, 2188-2195	2.6	4
13	A molecular dynamics simulation on the self-assembly of ABC triblock copolymers. 2. Effects of block sequence. <i>Fibers and Polymers</i> , 2002 , 3, 8-13	2	4
12	Homogenization process caused by competition between phase separation and ester-interchange reactions in immiscible polyester blends: A Monte Carlo simulation. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2000 , 38, 590-598	2.6	4
11	Effects of competition between phase separation and ester interchange reactions on the phase behavior in a phase-separated immiscible polyester blend: Monte carlo simulation. <i>Fibers and Polymers</i> , 2001 , 2, 81-85	2	3
10	Morphology and Rheological Properties of Poly(phenylene ether) and Polyamide-6 with a Compatibilizer. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 1993 , 21, 37-44	3	3
9	The Equation of State Theory for Glass Transition Temperature in Miscible Polymer Blends.. <i>Polymer Journal</i> , 1992 , 24, 625-632	2.7	3
8	Effect of chemical structure on crystallization behavior of poly(phenylene alkylene dicarboxylate) (PPAD). <i>Journal of Applied Polymer Science</i> , 1997 , 66, 1575-1582	2.9	2
7	Phase behavior of reversibly associating star Copolymer-like polymer blends. <i>Macromolecular Research</i> , 2002 , 10, 18-23	1.9	2
6	A molecular dynamics simulation on the self-assembly of ABC triblock copolymers. 3. Effects of block composition in asymmetric triblock copolymers. <i>Fibers and Polymers</i> , 2003 , 4, 15-19	2	2

- 5 Melting point depression and phase behavior of poly(ether-sulfone) and poly(ethylene oxide) blends: Equation-of-state theory approach. *Die Makromolekulare Chemie Theory and Simulations*, **1993**, 2, 37-54 2
- 4 Structure-property relationships of copolyamides. II. crystal structure of drawn copolyamide films. *Journal of Polymer Science, Part B: Polymer Physics*, **1990**, 28, 595-601 2.6 2
- 3 Origin of double melting behavior of poly(p-phenylene succinate). *Journal of Polymer Science, Part B: Polymer Physics*, **2000**, 38, 1868-1871 2.6 1
- 2 Thermodynamic properties and crystallization behavior of poly(p-phenylene succinate). *Journal of Applied Polymer Science*, **1999**, 73, 801-806 2.9 1
- 1 Effects of the nitrile group substitution on the gas separation properties of aromatic polyamide membranes. *Fibers and Polymers*, **2000**, 1, 111-115 2