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List of Publications by Year
in descending order

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165 papers	7,409 citations	66343 42 h-index	58581 82 g-index
167 all docs	167 docs citations	167 times ranked	6953 citing authors

#	Article	IF	Citations
1	Fullerene Derivativeâ€Doped Zinc Oxide Nanofilm as the Cathode of Inverted Polymer Solar Cells with Lowâ€Bandgap Polymer (PTB7â€Th) for High Performance. Advanced Materials, 2013, 25, 4766-4771.	21.0	1,162
2	Single Junction Inverted Polymer Solar Cell Reaching Power Conversion Efficiency 10.31% by Employing Dual-Doped Zinc Oxide Nano-Film as Cathode Interlayer. Scientific Reports, 2014, 4, 6813.	3.3	474
3	High-Efficiency Red-Light Emission from Polyfluorenes Grafted with Cyclometalated Iridium Complexes and Charge Transport Moiety. Journal of the American Chemical Society, 2003, 125, 636-637.	13.7	422
4	Soluble Electroluminescent Poly(phenylene vinylene)s with Balanced Electron- and Hole Injections. Journal of the American Chemical Society, 2001, 123, 2296-2307.	13.7	274
5	Water-Soluble Self-Acid-Doped Conducting Polyaniline: Structure and Properties. Journal of the American Chemical Society, 1995, 117, 10055-10062.	13.7	239
6	White light emission from exciplex in a bilayer device with two blue light-emitting polymers. Applied Physics Letters, 1998, 73, 426-428.	3.3	193
7	White-light emission from electroluminescence diode with polyaniline as the emitting layer. Synthetic Metals, 1996, 82, 207-210.	3.9	188
8	Multiple Functionalities of Polyfluorene Grafted with Metal Ion-Intercalated Crown Ether as an Electron Transport Layer for Bulk-Heterojunction Polymer Solar Cells: Optical Interference, Hole Blocking, Interfacial Dipole, and Electron Conduction. Journal of the American Chemical Society, 2012, 134, 14271-14274.	13.7	157
9	Synthesis of Water-Soluble Self-Acid-Doped Polyaniline. Journal of the American Chemical Society, 1994, 116, 7939-7940.	13.7	152
10	Polyaniline Doped by the New Class of Dopant, Ionic Salt: Structure and Properties. Macromolecules, 1995, 28, 1239-1245.	4.8	138
11	Fine Tuning the Purity of Blue Emission from Polydioctylfluorene by End-Capping with Electron-Deficient Moieties. Journal of the American Chemical Society, 2005, 127, 14576-14577.	13.7	138
12	High Triplet Energy Polymer as Host for Electrophosphorescence with High Efficiency. Journal of the American Chemical Society, 2006, 128, 8549-8558.	13.7	137
13	Solutionâ€Processed Thermally Activated Delayed Fluorescent OLED with High EQE as 31% Using High Triplet Energy Crosslinkable Hole Transport Materials. Advanced Functional Materials, 2019, 29, 1901025.	14.9	125
14	Structure Characterization of Self-Acid-Doped Sulfonic Acid Ring-Substituted Polyaniline in Its Aqueous Solutions and as Solid Film. Macromolecules, 1996, 29, 3950-3955.	4.8	110
15	White-light electroluminescence from soluble oxadiazole-containing phenylene vinylene ether-linkage copolymer. Applied Physics Letters, 2001, 79, 308-310.	3.3	108
16	Structures and properties of the soluble polyanilines, N-alkylated emeraldine bases. Synthetic Metals, 1998, 92, 39-46.	3.9	107
17	Polyaniline schottky barrier: effect of doping on rectification and photovoltaic characteristics. Synthetic Metals, 1993, 60, 215-222.	3.9	104
18	Efficient Light Harvesting by Sequential Energy Transfer across Aggregates in Polymers of Finite Conjugational Segments with Short Aliphatic Linkages. Journal of the American Chemical Society, 2001, 123, 11388-11397.	13.7	99

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19	Green Emission from End-Group-Enhanced Aggregation in Polydioctylfluorene. Journal of Physical Chemistry B, 2005, 109, 17496-17502.	2.6	86
20	Enhancement of Phosphorescence of Ir Complexes Bound to Conjugated Polymers:â€‰ Increasing the Triplet Level of the Main Chain. Macromolecules, 2006, 39, 9157-9165.	4.8	76
21	Polyurethane cationomers. I. Structure-property relationships. Journal of Polymer Science, Part B: Polymer Physics, 1990, 28, 1499-1514.	2.1	74
22	Synthesis of New Water-Soluble Self-Doped Polyaniline. Macromolecules, 2000, 33, 8117-8118.	4.8	73
23	Conductivity Relaxation of 1-Methyl-2-pyrrolidone-Plasticized Polyaniline Film. Macromolecules, 1995, 28, 7645-7652.	4.8	72
24	Kinetics and mechanism of urethane reactions: Phenyl isocyanateâ€“alcohol systems. Journal of Polymer Science Part A, 1987, 25, 2543-2559.	2.3	71
25	Excimer Formation by Electric Field Induction and Side Chain Motion Assistance in Polyfluorenes. Macromolecules, 2005, 38, 10829-10835.	4.8	67
26	Review on the Recent Progress in Low Band Gap Conjugated Polymers for Bulk Heteroâ€junction Polymer Solar Cells. Journal of the Chinese Chemical Society, 2014, 61, 115-126.	1.4	66
27	Kinetics and mechanism of emulsifier-free emulsion polymerization: Styrene/surface active ionic comonomer system. Journal of Polymer Science: Polymer Chemistry Edition, 1985, 23, 2615-2630.	0.8	61
28	Structure and Properties of Cyano-Substituted Poly(2,5-dialkoxy-p-phenylene vinylene)s. Macromolecules, 1998, 31, 4899-4907.	4.8	60
29	Polymer compatibility: Ternary blends of poly(vinylidene chloride-co-vinyl chloride), poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.1	57
30	Kinetics of polyesterification III: Solid-state polymerization of polyethylene terephthalate. Journal of Polymer Science Part A, 1987, 25, 533-549.	2.3	56
31	Disorder controlled hole transport in MEH-PPV. Physical Review B, 2004, 69, .	3.2	55
32	Well-Packed Chains and Aggregates in the Emission Mechanism of Conjugated Polymers. Journal of Physical Chemistry B, 2005, 109, 9368-9373.	2.6	55
33	Effective Shielding of Triplet Energy Transfer to Conjugated Polymer by Its Dense Side Chains from Phosphor Dopant for Highly Efficient Electrophosphorescence. Journal of the American Chemical Society, 2008, 130, 4699-4707.	13.7	52
34	The Novel Additive 1â€Naphthalenethiol Opens a New Processing Route to Efficiencyâ€Enhanced Polymer Solar Cells. Advanced Functional Materials, 2016, 26, 3094-3104.	14.9	52
35	Formation and Thermally-Induced Disruption of Nanowhiskers in Poly(3-hexylthiophene)/Xylene Gel Studied by Small-Angle X-ray Scattering. Macromolecules, 2010, 43, 7305-7311.	4.8	51
36	Design of Hole Blocking Layer with Electron Transport Channels for High Performance Polymer Lightâ€Emitting Diodes. Advanced Materials, 2008, 20, 1982-1988.	21.0	49

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37	Development of a Highly Efficient Hybrid White Organic-Light-Emitting Diode with a Single Emission Layer by Solution Processing. ACS Applied Materials & Interfaces, 2018, 10, 4851-4859.	8.0	49
38	Segmental Alignment in the Aggregate Domains of Poly(9,9-dioctylfluorene) in Semidilute Solution. Macromolecules, 2007, 40, 6572-6578.	4.8	48
39	Creating a Molecularâ€scale Graded Electronic Profile in a Single Polymer to Facilitate Hole Injection for Efficient Blue Electroluminescence. Advanced Materials, 2008, 20, 3709-3716.	21.0	48
40	Polyurethane cationomers. II. Phase inversion and its effect on physical properties. Journal of Polymer Science, Part B: Polymer Physics, 1990, 28, 1515-1532.	2.1	45
41	Inverted perovskite solar cells with inserted cross-linked electron-blocking interlayers for performance enhancement. Journal of Materials Chemistry A, 2015, 3, 9291-9297.	10.3	45
42	Kinetics and mechanism of emulsifier-free emulsion polymerization. II. Styrene/water soluble comonomer (sodium methallyl sulfonate) system. Journal of Polymer Science Part A, 1988, 26, 1207-1229.	2.3	44
43	Design of Deep Blue Electroluminescent Spiro-Polyfluorenes with High Efficiency by Facilitating the Injection of Charge Carriers through Incorporation of Multiple Charge Transport Moieties. Macromolecules, 2012, 45, 1281-1287.	4.8	44
44	Nanoscale surface electrical properties of indiumâ€“tinâ€“oxide films for organic light emitting diodes investigated by conducting atomic force microscopy. Journal of Applied Physics, 2001, 89, 3976-3979.	2.5	42
45	Phase-Separation-Induced Gelation of Poly(9,9-dioctylfluorene)/Methylcyclohexane Solution. Macromolecules, 2010, 43, 4346-4354.	4.8	39
46	Kinetics and mechanism of emulsifier-free emulsion polymerization. III. Styrene/nonionic comonomer (2-hydroxyethyl methacrylate) system. Journal of Polymer Science Part A, 1990, 28, 2547-2561.	2.3	38
47	Gel Formation via Physical Cross-Linking in the Soluble Conjugated Polymer, Poly[2-methoxy-5-(2-ethylhexyloxy)-1,4-phenylenevinylene], in Solution by Addition of Alkanes. Macromolecules, 2008, 41, 6500-6504.	4.8	38
48	Charge Mobility and Charge Traps in Conjugated Polymers. Macromolecular Rapid Communications, 2007, 28, 1743-1760.	3.9	36
49	Creating a Pseudometallic State of K⁺ by Intercalation into 18-Crown-6 Grafted on Polyfluorene as Electron Injection Layer for High Performance PLEDs with Oxygen- and Moisture-Stable Al Cathode. Journal of the American Chemical Society, 2011, 133, 9634-9637.	13.7	36
50	Poly(2-alkoxy-p-phenylene)s as deep-blue light-emitting polymers. Synthetic Metals, 1996, 79, 93-96.	3.9	35
51	Highly Efficient Solution-Processed Thermally Activated Delayed Fluorescence Bluish-Green and Hybrid White Organic Light-Emitting Diodes Using Novel Bipolar Host Materials. ACS Applied Materials & Interfaces, 2019, 11, 45939-45948.	8.0	35
52	Dispersion polymerization of styrene in alcohol media: Effect of initiator concentration, solvent polarity, and temperature on the rate of polymerization. Journal of Polymer Science Part A, 1997, 35, 2907-2915.	2.3	33
53	Structure Tuning of Crown Ether Grafted Conjugated Polymers as the Electron Transport Layer in Bulkâ€Heterojunction Polymer Solar Cells for High Performance. Advanced Functional Materials, 2014, 24, 6811-6817.	14.9	33
54	Solution processable self-doped polyaniline as hole transport layer for inverted polymer solar cells. Journal of Materials Chemistry, 2011, 21, 13483.	6.7	31

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55	Conductivity relaxation of polyaniline. Die Makromolekulare Chemie, 1993, 194, 2443-2452.	1.1	29
56	Molecular oxygen and moisture as traps in poly[2-methoxy-5-(2â€²-ethylhexyloxy)-1,4-phenylene vinylene]: locations and detrapping by chain relaxation. Applied Physics Letters, 2003, 82, 4086-4088.	3.3	27
57	Measurements of charge mobility and diffusion coefficient of conjugated electroluminescent polymers by time-of-flight method. Applied Physics Letters, 2004, 84, 1456-1458.	3.3	27
58	Acridanâ€Grafted Poly(biphenyl germanium) with High Triplet Energy, Low Polarizability, and an External Heavyâ€Atom Effect for Highly Efficient Skyâ€Blue TADF Electroluminescence. Angewandte Chemie - International Edition, 2019, 58, 11317-11323.	13.8	27
59	High brightness stable white and yellow light-emitting diodes from ambipolar polyspirofluorenes with high charge carrier mobility. Applied Physics Letters, 2007, 91, .	3.3	25
60	Hierarchical self-assembly of nanoparticles in polymer matrix and the nature of the interparticle interaction. Journal of Chemical Physics, 2015, 142, 214905.	3.0	25
61	Thienoisoindigo-based copolymer with fused thieno[3,2-b]thiophene as a donor in thin film transistor applications with high performance. Journal of Materials Chemistry C, 2015, 3, 33-36.	5.5	25
62	High-efficiency polymer light-emitting diodes based on poly[2-methoxy-5-(2-ethylhexyloxy)-1,4-phenylene vinylene] with plasma-polymerized CHF3-modified indium tin oxide as an anode. Applied Physics Letters, 2006, 88, 033512.	3.3	24
63	A Review on the Emitting Species in Conjugated Polymers for Photoâ€•and Electroâ€•luminescence. Journal of the Chinese Chemical Society, 2010, 57, 439-458.	1.4	24
64	Role of the Charge Generation Layer in Tandem Organic Light-Emitting Diodes Investigated by Time-Resolved Electroluminescence Spectroscopy. Journal of Physical Chemistry C, 2011, 115, 582-588.	3.1	24
65	Kinetics of polyesterification. II. Foreign acid-catalyzed dibasic acid and glycol systems. Journal of Polymer Science: Polymer Chemistry Edition, 1982, 20, 1819-1831.	0.8	23
66	Nanoscale Ordered Structure Distribution in Thin Solid Film of Conjugated Polymers: Its Significance in Charge Transport Across the Film and in Performance of Electroluminescent Device. Journal of Physical Chemistry B, 2009, 113, 11124-11133.	2.6	23
67	A high performance inverted organic solar cell with a low band gap small molecule (p-DTS(FBTTh₂)₂) using a fullerene derivative-doped zinc oxide nano-film modified with a fullerene-based self-assembled monolayer as the cathode. Journal of Materials Chemistry A, 2015, 3, 22599-22604.	10.3	23
68	Effect of structure ordering on charge carrier mobilities in green-emitting poly(phenylene vinylene)s. Applied Physics Letters, 2002, 81, 2014-2016.	3.3	22
69	Enhanced photovoltaic cells efficiency via incorporation of high electron-deficient oxadiazole moieties on side chains of poly(phenylene vinylene)s and poly(fluorene)s. Synthetic Metals, 2006, 156, 949-953.	3.9	22
70	Compatibilities and Electrostatic Interactions in the Blends of Self-Acid-Doped Conjugated Conducting Polymer, Poly[2-(3â€˜-thienyl)ethanesulfonic acid], and Its Sodium Salt with Poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50		22
71	Cyano-containing phenylene vinylene-based copolymer as blue luminescent and electron transport material in polymer light-emitting diodes. Journal of Applied Physics, 1999, 85, 2057-2061.	2.5	21
72	Fibrilar morphology of the electrochemically polymerized polyaniline in tetrafluoroboric acid aqueous solution. Journal of Polymer Science, Part C: Polymer Letters, 1987, 25, 455-460.	0.7	20

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73	Kinetics of polyesterification: Adipic acid with ethylene glycol, 1,4-butanediol, and 1,6-hexanediol. Journal of Polymer Science Part A, 1989, 27, 2793-2803.	2.3	20
74	Title is missing!. Die Makromolekulare Chemie, 1992, 193, 423-434.	1.1	20
75	Processable low band gap Ï€-conjugated polymer, poly(isothianaphthene). Polymer, 1996, 37, 519-522.	3.8	20
76	Effect of thermal stability on performance of Î²-phase poly(9,9-di-n-octylfluorene) in deep blue electroluminescence. Polymer, 2012, 53, 5850-5855.	3.8	20
77	Triplet states and energy back transfer of carbazole derivatives. RSC Advances, 2015, 5, 59960-59969.	3.6	20
78	Effective End Group Modification of Poly(3-hexylthiophene) with Functional Electron-Deficient Moieties for Performance Improvement in Polymer Solar Cell. ACS Applied Materials & Interfaces, 2015, 7, 20548-20555.	8.0	20
79	Mesoscale aggregation properties of C60 in toluene and chlorobenzene. Soft Matter, 2016, 12, 6300-6311.	2.7	18
80	Electrochemical polymerization of acetylene on a surface of platinum. Journal of Polymer Science: Polymer Chemistry Edition, 1985, 23, 2441-2446.	0.8	17
81	Title is missing!. Die Makromolekulare Chemie Rapid Communications, 1993, 14, 69-75.	1.1	17
82	Investigating Side Chain Mediated Electroluminescence from Carbazole-Modified Polyfluorene. Journal of Physical Chemistry B, 2007, 111, 10379-10385.	2.6	17
83	Effect of glass transition on conductivity of neutral poly(3-alkylthiophene)s. Die Makromolekulare Chemie Rapid Communications, 1992, 13, 31-37.	1.1	16
84	Deep blue electroluminescent phenylene-based polymers. Synthetic Metals, 2007, 157, 863-871.	3.9	16
85	Solution processed multilayer red, green and blue phosphorescent organic light emitting diodes using carbazole dendrimer as a host. Journal of Luminescence, 2017, 183, 150-158.	3.1	16
86	Polymerâ€“quantum dot composite hybrid solar cells with a bi-continuous network morphology using the block copolymer poly(3-hexylthiophene)-b-polystyrene or its blend with poly(3-hexylthiophene) as a donor. Materials Advances, 2021, 2, 1016-1023.	5.4	16
87	The synthesis and characterization of soluble poly(isothianaphthene) derivative: poly(5,6-dihexoxyisothianaphthene). Polymer, 1999, 40, 3881-3884.	3.8	15
88	Effect of conjugation and aromaticity of 3,6 di-substituted carbazoles on triplet energy and the implication of triplet energy in multiple-cyclic aromatic compounds. RSC Advances, 2018, 8, 9850-9857.	3.6	15
89	Mechanism of Hierarchical Structure Formation of Polymer/Nanoparticle Hybrids. Macromolecules, 2016, 49, 7535-7550.	4.8	14
90	Dynamic viscoelasticity of polyacetylene. Die Makromolekulare Chemie Rapid Communications, 1983, 4, 503-506.	1.1	13

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91	Synergism on tensile properties of injection molded polybutene-1 /polypropylene blends. Polymer Engineering and Science, 1993, 33, 686-699.	3.1	13
92	The polymer-polymer interaction parameter in polybutene-1/polypropylene blends. Journal of Polymer Research, 1996, 3, 235-238.	2.4	13
93	Force modulation microscopy study of phase separation on blend polymer films. Applied Physics Letters, 1999, 74, 2785-2787.	3.3	13
94	Tuning the singlet-triplet energy splitting by fluorination at 3,6 positions of the 1,4-biscarbazoylbenzene. Dyes and Pigments, 2016, 132, 1-6.	3.7	13
95	Promotion of performances of quantum dot solar cell and its tandem solar cell with low bandgap polymer (PTB7-Th):PC₇₁BM by water vapor treatment on quantum dot layer on its surface. Journal of Materials Chemistry A, 2017, 5, 21528-21535.	10.3	13
96	Single Conjugated Polymer with Four Stepwise HOMO Levels for Effective Hole Injection Across Large Barrier 1.4ÂeV to Coreâ€“Shell Quantum Dot Layer for Electroluminescence in Inverted QLED. Advanced Optical Materials, 2022, 10, .	7.3	13
97	Minimum end time policies for batchwise radical chain polymerization, part V?multicomponent copolymerization with one charge of comonomers. Polymer Engineering and Science, 1985, 25, 987-1000.	3.1	12
98	Emulsion polymerization: Theory of particle size distribution in copolymerization system. Journal of Polymer Science Part A, 1988, 26, 1487-1506.	2.3	12
99	Large active area inverted tandem polymer solar cell with high performance via insertion of subnano-scale silver layer. Solar Energy Materials and Solar Cells, 2014, 120, 728-734.	6.2	12
100	Minimum end time policies for batchwise radical chain polymerization. Part VI: The initiator addition policies for copolymerization with constant copolymer composition control. Polymer Engineering and Science, 1987, 27, 573-581.	3.1	11
101	Nanometer scale mixing homogeneity in light emitting polymer blend thin films. Journal of Applied Physics, 1998, 83, 1782-1784.	2.5	11
102	Title is missing!. Die Makromolekulare Chemie, 1988, 189, 1523-1530.	1.1	10
103	Sensitive Thermal-Undoping Characteristics of the Self-Acid-Doped Conjugated Conducting Polymer Poly[2-(3â€˜-thienyl)ethanesulfonic acid]. Chemistry of Materials, 1997, 9, 2750-2754.	6.7	10
104	Determination of trap polarity in conjugated electroluminescent polymer by photoexcitation thermally stimulated current method. Applied Physics Letters, 2006, 88, 042112.	3.3	10
105	Influence of oxygen deficiency in indium tin oxide on the performance of polymer light-emitting diodes. Thin Solid Films, 2009, 517, 2708-2711.	1.8	10
106			

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109	Controlling bulk aggregation state in semiconducting conjugated polymer solution. Applied Physics Letters, 2008, 93, 123303.	3.3	9
110	Bipolar and Unipolar Silylene-Diphenylene Ïƒ-Ï€ Conjugated Polymer Route for Highly Efficient Electrophosphorescence. Scientific Reports, 2016, 6, 38404.	3.3	9
111	A nonvolatile morphology regulator for enhancing the molecular order in the active layer and power conversion efficiency of polymer solar cells. Journal of Materials Chemistry A, 2018, 6, 8874-8879.	10.3	9
112	Title is missing!. Die Makromolekulare Chemie, 1986, 187, 653-666.	1.1	8
113	Kinetics and mechanism of emulsifierâ€free emulsion copolymerization. Makromolekulare Chemie Macromolecular Symposia, 1990, 35-36, 349-365.	0.6	8
114	Synthesis and properties of the water-soluble self-acid-doped polypyrrole: poly[4-(3-pyrrolyl)butanesulfonic acid]. Journal of Polymer Research, 1998, 5, 249-254.	2.4	8
115	Determination of aggregates as charge trapping and recombination centers in poly[2-methoxy-5-(2â€²-ethylhexyloxy)-1,4-phenylene vinylene] by time-resolved electroluminescence spectroscopy. Applied Physics Letters, 2006, 89, 233510.	3.3	8
116	Synthesis and Characterization of a Fullerene Bearing a Triazole Group. Chemistry of Materials, 2007, 19, 5194-5199.	6.7	8
117	Voltage independent white emission from all solution processed polymer light-emitting diode with dual emitting layers spaced by an alcohol soluble conjugated polymer as interlayer. Organic Electronics, 2013, 14, 2948-2952.	2.6	8
118	Large active area inverted tandem polymer solar cell with high performance via alcohol treatment on the surface of bottom active layer P3HT:ICBA. Solar Energy Materials and Solar Cells, 2014, 128, 240-247.	6.2	8
119	Kinetics of polyesterification. I. Dibasic acid and glycol systems. Journal of Polymer Science: Polymer Chemistry Edition, 1981, 19, 3123-3136.	0.8	7
120	Particle growth mechanism of large particle emulsifier-free emulsion polymerization of styrene. Die Makromolekulare Chemie Rapid Communications, 1987, 8, 297-304.	1.1	7
121	Shell region polymerization characteristic of large emulsion particles. Die Makromolekulare Chemie Rapid Communications, 1990, 11, 443-450.	1.1	7
122	Conversion of poly(1,3-dihydroisothianaphthene) into polyisothianaphthene with the new dehydrogenation agent, tert-butyl hypochlorite. Synthetic Metals, 1995, 75, 187-189.	3.9	7
123	Kinetics and mechanism of the cationic polymerization of trioxane. I. Crystallization during polymerization. Journal of Polymer Science Part A, 1999, 37, 483-492.	2.3	7
124	Nanoscale optical imaging on an electroluminescent polymer by conducting atomic force microscopy. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2001, 19, 308.	1.6	7
125	Interaction parameters of crystalline/crystalline polypropylene/poly(butene-1) blends: Effect of molecular fractionation. Journal of Polymer Science, Part B: Polymer Physics, 2002, 40, 638-648.	2.1	7
126	Emulsion polymerization: On the characterization of the particle size distribution. Journal of Polymer Science Part A, 1988, 26, 1143-1155.	2.3	6

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127	Emulsion polymerization: Determination of the average number of free radicals per particle by use of the number average volume of the particles. Journal of Polymer Science Part A, 1990, 28, 2857-2866.	2.3	6
128	Bulk anionic copolymerization of É›-caprolactam in the presence of macroactivators derived from polypropylene glycol. Journal of Applied Polymer Science, 1993, 47, 1721-1729.	2.6	6
129	Shell growth mechanism in emulsifier-free emulsion polymerization: Morphological and kinetic studies. Polymer International, 1993, 30, 461-468.	3.1	6
130	Kinetics and mechanism of the cationic polymerization of trioxane. II. Consideration of hydride transfer. Journal of Polymer Science Part A, 1999, 37, 4198-4204.	2.3	6
131	Conjugated Polymer Blends as Emitting Layer for White Light LED. ACS Symposium Series, 1999, , 163-172.	0.5	6
132	Hole mobility on isolated chains of poly(3-hexylthiophene) by microwave conductivity measurement. Journal of Chemical Physics, 2009, 130, 204906.	3.0	6
133	¹H NMR Spectroscopic Study of the Solution Structure of a Conjugated Polymer. Journal of the Chinese Chemical Society, 2010, 57, 490-495.	1.4	6
134	Hysteresis in Conjugated Polymer Thin Film Transistors Generated by Chain Relaxation. Advanced Functional Materials, 2010, 20, 1000-1004.	14.9	6
135	High Brightness Fluorescent White Polymer Light-Emitting Diodes by Promoted Hole Injection via Reduced Barrier by Interfacial Dipole Imparted from Chlorinated Indium Tin Oxide to the Hole Injection Layer PEDOT:PSS. ACS Applied Materials & Interfaces, 2017, 9, 3824-3830.	8.0	6
136	Physically interpenetrating networks in polyurethane ionomers/poly(vinyl alcohol) blends. Die Makromolekulare Chemie, 1992, 193, 833-845.	1.1	5
137	Effect of side-chain length on charge mobilities in neutral poly(3-alkylthiophene)s: Determination from dielectric measurement. Journal of Polymer Science, Part B: Polymer Physics, 1994, 32, 2339-2345.	2.1	5
138	Mesoscale Simulations on Morphology Design in Conjugated Polymers and Inorganic Nanoparticles Composite for Bulk Heterojunction Solar Cells. Solar Rrl, 2020, 4, 2000352.	5.8	5
139	Kinetics of free radical oligomerization: Styrene in carbon tetrachloride. Die Makromolekulare Chemie, 1982, 183, 645-656.	1.1	4
140	Dynamic viscoelasticity of polyacetylene during oxidation. Die Makromolekulare Chemie, 1984, 185, 1063-1068.	1.1	4
141	Electrochemical polymerization of pyrrole on a fabric. Angewandte Makromolekulare Chemie, 1989, 169, 153-157.	0.2	4
142	Conductivity relaxation of neutral poly(3-octylthiophene). Die Makromolekulare Chemie, 1992, 193, 2487-2493.	1.1	4
143	Poly(3-octylthiophene) as semiconductor for schottky barrier: Effects of doping and storage time. Angewandte Makromolekulare Chemie, 1993, 208, 79-86.	0.2	4
144	Single layer deep blue polymer light emitting diodes with chlorinated Indium Tin Oxide after surface modification for high performance. Organic Electronics, 2015, 20, 158-163.	2.6	4

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145	Regioregularity effect on the self-assembly behavior of poly(3-hexylthiophene): the significance of triad sequence. RSC Advances, 2016, 6, 79209-79214.	3.6	4
146	Controlling the morphology of a hybrid polymer/nanoparticle active layer of solar cells: mesoscopic simulation. Molecular Systems Design and Engineering, 2019, 4, 390-395.	3.4	4
147	Title is missing!. Die Makromolekulare Chemie, 1982, 183, 1485-1495.	1.1	3
148	Effect of pressing on the diffusional properties of polyacetylene. Angewandte Makromolekulare Chemie, 1987, 148, 87-91.	0.2	3
149	Oriented surface and fibrilar morphologies of electrochemically polymerized polypyrrole at xylene/water interface. Journal of Polymer Science, Part C: Polymer Letters, 1989, 27, 93-101.	0.7	3
150	A new method of preparing poly(isothianaphthene) composite films with poly(methyl methacrylate). Die Makromolekulare Chemie Rapid Communications, 1993, 14, 761-764.	1.1	3
151	Prediction of charge mobility and its temperature dependence in neutral poly(3-Hexylthiophene) from dielectric relaxation measurement. Solid State Communications, 1993, 87, 993-996.	1.9	3
152	Sharp and red â€œsingle-chainâ€•luminescence from poly[2,5-dialkoxy-1,4-phenylene vinylene] locked in ordered host matrix. Synthetic Metals, 2006, 156, 219-223.	3.9	3
153	Post Doping by Wet Deposition Process in Polymer Light-Emitting Diode Fabrication for Color Tuning and Performance Improving. Journal of Physical Chemistry C, 2009, 113, 9398-9405.	3.1	3
154	Electric-Field-Induced Excimer Formation at the Interface of Deep-Blue Emission Poly(9,9-dioctyl-2,7-fluorene) with Polyelectrolyte or Its Precursor as Electron-Injection Layer in Polymer Light-Emitting Diode and Its Prevention for Stable Emission and Higher Performance. ACS Applied Materials & Interfaces, 2018, 10, 26422-26433.	8.0	3
155	The skewness of polymer molecular weight distributions. Journal of Polymer Science: Polymer Chemistry Edition, 1983, 21, 3373-3380.	0.8	2
156	Kinetics and mechanism of emulsifier-free emulsion polymerization. III. Particle growth mechanism of seeded styrene/potassium persulfate system. Journal of Polymer Science Part A, 1992, 30, 2077-2083.	2.3	2
157	N-Substituted and Ring-Substituted Water Soluble Self-Aciddoped Conducting Polyanilines and their Blends with Poly(Vinyl Alcohol): Structure, Properties, and Applications. Materials Research Society Symposia Proceedings, 1995, 413, 471.	0.1	2
158	Polyurethane cationomers III: Oxygen permeation. Journal of Polymer Science, Part B: Polymer Physics, 1995, 33, 341-352.	2.1	2
159	Structure characterization of sulfuric acid-doped poly(3-octylthiophene). Journal of Polymer Research, 1996, 3, 65-72.	2.4	2
160	Effects of Î² Phase on Light Emission from Polythiophenesâ€Doped Polyfluorene. Journal of the Chinese Chemical Society, 2010, 57, 564-574.	1.4	2
161	C_{Î²} conformer formation in poly(9,9-dioctylfluorene) single chains facilitated by endcapping with an electron deficient moiety. RSC Advances, 2014, 4, 14365-14368.	3.6	2
162	Singlet Exciton Fraction in Electroluminescence from Conjugated Polymer. Scientific Reports, 2017, 7, 2889.	3.3	2

#	Article	IF	Citations
163	Tensile properties and morphology of injection-molded poly(1-butene). Angewandte Makromolekulare Chemie, 1991, 192, 57-67.	0.2	1
164	Conductivity variations of iodine- and tungsten chloride-doped polyacetylene under applied voltages. Angewandte Makromolekulare Chemie, 1987, 150, 171-178.	0.2	0
165	Acridanâ€Grafted Poly(biphenyl germanium) with High Triplet Energy, Low Polarizability, and an External Heavyâ€Atom Effect for Highly Efficient Skyâ€Blue TADF Electroluminescence. Angewandte Chemie, 2019, 131, 11439-11445.	2.0	0