Show-An Chen

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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.

165 papers	6,662 citations	39 h-index	78 g-index
167 ext. papers	6,946 ext. citations	6 avg, IF	5.85 L-index

#	Paper	IF	Citations
165	Polymer□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	3.3	7
164	Mesoscale Simulations on Morphology Design in Conjugated Polymers and Inorganic Nanoparticles Composite for Bulk Heterojunction Solar Cells. *Solar Rrl*, **2020**, 4, 2000352	7.1	1
163	Optoelectronic Properties of High Triplet □Conjugated Poly[(biphenyl group IV-A atom (C, Si, Ge, Sn)] Backbones. *ACS Applied Materials & Interfaces*, **2019**, 11, 36895-36904	9.5	6
162	Acridan-Grafted Poly(biphenyl germanium) with High Triplet Energy, Low Polarizability, and an External Heavy-Atom Effect for Highly Efficient Sky-Blue TADF Electroluminescence. *Angewandte Chemie*, **2019**, 131, 11439	3.6	
161	Acridan-Grafted Poly(biphenyl germanium) with High Triplet Energy, Low Polarizability, and an External Heavy-Atom Effect for Highly Efficient Sky-Blue TADF Electroluminescence. *Angewandte Chemie - International Edition*, **2019**, 58, 11317-11323	16.4	21
160	Solution-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	15.6	79
159	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	9.5	19
158	Controlling the morphology of a hybrid polymer/nanoparticle active layer of solar cells: mesoscopic simulation. *Molecular Systems Design and Engineering*, **2019**, 4, 390-395	4.6	3
157	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	3.7	12
156	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	9.5	32
155	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	13	5
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, 26432-26433	9.5	3
153	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	9.5	5
152	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	13	7
151	Singlet Exciton Fraction in Electroluminescence from Conjugated Polymer. *Scientific Reports*, **2017**, 7, 2889	4.9	2
150	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	3.8	13
149	Mesoscale aggregation properties of C60 in toluene and chlorobenzene. *Soft Matter*, **2016**, 12, 6300-11	3.6	14

148	The Novel Additive 1-Naphthalenethiol Opens a New Processing Route to Efficiency-Enhanced Polymer Solar Cells. *Advanced Functional Materials*, **2016**, 26, 3094-3104	15.6	49
147	Bipolar and Unipolar Silylene-Diphenylene □Conjugated Polymer Route for Highly Efficient Electrophosphorescence. *Scientific Reports*, **2016**, 6, 38404	4.9	7
146	Tuning the singlet-triplet energy splitting by fluorination at 3,6 positions of the 1,4-biscarbazoylbenzene. *Dyes and Pigments*, **2016**, 132, 1-6	4.6	9
145	Mechanism of Hierarchical Structure Formation of Polymer/Nanoparticle Hybrids. *Macromolecules*, **2016**, 49, 7535-7550	5.5	14
144	Regioregularity effect on the self-assembly behavior of poly(3-hexylthiophene): the significance of triad sequence. *RSC Advances*, **2016**, 6, 79209-79214	3.7	3
143	Hierarchical self-assembly of nanoparticles in polymer matrix and the nature of the interparticle interaction. *Journal of Chemical Physics*, **2015**, 142, 214905	3.9	18
142	Triplet states and energy back transfer of carbazole derivatives. *RSC Advances*, **2015**, 5, 59960-59969	3.7	15
141	Inverted perovskite solar cells with inserted cross-linked electron-blocking interlayers for performance enhancement. *Journal of Materials Chemistry A*, **2015**, 3, 9291-9297	13	37
140	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	3.5	4
139	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**,	13	21
138	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, 20548-55	9.5	19
137	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	7.1	24
136	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	4.9	448
135	C□conformer formation in poly(9,9-dioctylfluorene) single chains facilitated by endcapping with an electron deficient moiety. *RSC Advances*, **2014**, 4, 14365-14368	3.7	2
134	Structure Tuning of Crown Ether Grafted Conjugated Polymers as the Electron Transport Layer in Bulk-Heterojunction Polymer Solar Cells for High Performance. *Advanced Functional Materials*, **2014** , 24, 6811-6817	15.6	31
133	Review on the Recent Progress in Low Band Gap Conjugated Polymers for Bulk Hetero-junction Polymer Solar Cells. *Journal of the Chinese Chemical Society*, **2014**, 61, 115-126	1.5	57
132	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	6.4	6
131	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	6.4	11

130	Fullerene derivative-doped zinc oxide nanofilm as the cathode of inverted polymer solar cells with low-bandgap polymer (PTB7-Th) for high performance. *Advanced Materials*, **2013**, 25, 4766-71	24	1055
129	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	3.5	8
128	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, 14271-4	16.4	153
127	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	5.5	42
126	Effect of thermal stability on performance of β-phase poly(9,9-di-n-octylfluorene) in deep blue electroluminescence. *Polymer*, **2012**, 53, 5850-5855	3.9	18
125	Solution processable self-doped polyaniline as hole transport layer for inverted polymer solar cells. *Journal of Materials Chemistry*, **2011**, 21, 13483		27
124	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, 9634-7	16.4	34
123	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	3.8	20
122	A Review on the Emitting Species in Conjugated Polymers for Photo- and Electro-luminescence. *Journal of the Chinese Chemical Society*, **2010**, 57, 439-458	1.5	19
121	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	5.5	44
120	Phase-Separation-Induced Gelation of Poly(9,9-dioctylfluorene)/Methylcyclohexane Solution. *Macromolecules*, **2010**, 43, 4346-4354	5.5	38
119	1H NMR Spectroscopic Study of the Solution Structure of a Conjugated Polymer. *Journal of the Chinese Chemical Society*, **2010**, 57, 490-495	1.5	6
118	Effects of β-Phase on Light Emission from Polythiophenes-Doped Polyfluorene. *Journal of the Chinese Chemical Society*, **2010**, 57, 564-574	1.5	2
117	Hysteresis in Conjugated Polymer Thin Film Transistors Generated by Chain Relaxation. *Advanced Functional Materials*, **2010**, 20, 1000-1004	15.6	6
116	Hole mobility on isolated chains of poly(3-hexylthiophene) by microwave conductivity measurement. *Journal of Chemical Physics*, **2009**, 130, 204906	3.9	6
115	Influence of oxygen deficiency in indium tin oxide on the performance of polymer light-emitting diodes. *Thin Solid Films*, **2009**, 517, 2708-2711	2.2	5
114	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, 11124-33	3.4	22
113	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	3.8	3

112	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	5.5	33
111	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, 4699-707	16.4	50
110	Controlling bulk aggregation state in semiconducting conjugated polymer solution. *Applied Physics Letters*, **2008**, 93, 123303	3.4	7
109	Design of Hole Blocking Layer with Electron Transport Channels for High Performance Polymer Light-Emitting Diodes. *Advanced Materials*, **2008**, 20, 1982-1988	24	48
108	Creating a Molecular-scale Graded Electronic Profile in a Single Polymer to Facilitate Hole Injection for Efficient Blue Electroluminescence. *Advanced Materials*, **2008**, 20, 3709-3716	24	47
107	Synthesis and Characterization of a Fullerene Bearing a Triazole Group. *Chemistry of Materials*, **2007** , 19, 5194-5199	9.6	8
106	Charge Mobility and Charge Traps in Conjugated Polymers. *Macromolecular Rapid Communications*, **2007**, 28, 1743-1760	4.8	32
105	Deep blue electroluminescent phenylene-based polymers. *Synthetic Metals*, **2007**, 157, 863-871	3.6	15
104	Investigating side chain mediated electroluminescence from carbazole-modified polyfluorene. *Journal of Physical Chemistry B*, **2007**, 111, 10379-85	3.4	17
103	Segmental Alignment in the Aggregate Domains of Poly(9,9-dioctylfluorene) in Semidilute Solution. *Macromolecules*, **2007**, 40, 6572-6578	5.5	39
102	High brightness stable white and yellow light-emitting diodes from ambipolar polyspirofluorenes with high charge carrier mobility. *Applied Physics Letters*, **2007**, 91, 093502	3.4	21
101	Determination of trap polarity in conjugated electroluminescent polymer by photoexcitation thermally stimulated current method. *Applied Physics Letters*, **2006**, 88, 042112	3.4	10
100	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	3.4	22
99	Determination of aggregates as charge trapping and recombination centers in poly[2-methoxy-5-(2?-ethylhexyloxy)-1,4-phenylene vinylene] by time-resolved electroluminescence spectroscopy. *Applied Physics Letters*, **2006**, 89, 233510	3.4	8
98	Enhancement of Phosphorescence of Ir Complexes Bound to Conjugated Polymers: Increasing the Triplet Level of the Main Chain. *Macromolecules*, **2006**, 39, 9157-9165	5.5	75
97	High triplet energy polymer as host for electrophosphorescence with high efficiency. *Journal of the American Chemical Society*, **2006**, 128, 8549-58	16.4	129
96	Sharp and red single-chain luminescence from poly[2,5-dialkoxy-1,4-phenylene vinylene] locked in ordered host matrix. *Synthetic Metals*, **2006**, 156, 219-223	3.6	3
95	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	3.6	21

94	Green emission from end-group-enhanced aggregation in polydioctylfluorene. *Journal of Physical Chemistry B*, **2005**, 109, 17496-502	3.4	84
93	Excimer Formation by Electric Field Induction and Side Chain Motion Assistance in Polyfluorenes. *Macromolecules*, **2005**, 38, 10829-10835	5.5	66
92	Fine tuning the purity of blue emission from polydioctylfluorene by end-capping with electron-deficient moieties. *Journal of the American Chemical Society*, **2005**, 127, 14576-7	16.4	135
91	Well-packed chains and aggregates in the emission mechanism of conjugated polymers. *Journal of Physical Chemistry B*, **2005**, 109, 9368-73	3.4	52
90	Measurements of charge mobility and diffusion coefficient of conjugated electroluminescent polymers by time-of-flight method. *Applied Physics Letters*, **2004**, 84, 1456-1458	3.4	25
89	Disorder controlled hole transport in MEH-PPV. *Physical Review B*, **2004**, 69,	3.3	51
88	Molecular oxygen and moisture as traps in poly[2-methoxy-5-(2?-ethylhexyloxy)-1,4-phenylene vinylene]: locations and detrapping by chain relaxation. *Applied Physics Letters*, **2003**, 82, 4086-4088	3.4	26
87	High-efficiency red-light emission from polyfluorenes grafted with cyclometalated iridium complexes and charge transport moiety. *Journal of the American Chemical Society*, **2003**, 125, 636-7	16.4	408
86	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	2.6	6
85	Effect of structure ordering on charge carrier mobilities in green-emitting poly(phenylene vinylene)s. *Applied Physics Letters*, **2002**, 81, 2014-2016	3.4	20
84	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		7
83	Nanoscale surface electrical properties of indium□tin□oxide films for organic light emitting diodes investigated by conducting atomic force microscopy. *Journal of Applied Physics*, **2001**, 89, 3976-3979	2.5	39
82	White-light electroluminescence from soluble oxadiazole-containing phenylene vinylene ether-linkage copolymer. *Applied Physics Letters*, **2001**, 79, 308-310	3.4	106
81	Soluble electroluminescent poly(phenylene vinylene)s with balanced electron- and hole injections. *Journal of the American Chemical Society*, **2001**, 123, 2296-307	16.4	256
80	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, 11388-97	16.4	96
79	Synthesis of New Water-Soluble Self-Doped Polyaniline. *Macromolecules*, **2000**, 33, 8117-8118	5.5	68
78	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	15
77	Force modulation microscopy study of phase separation on blend polymer films. *Applied Physics Letters*, **1999**, 74, 2785-2787	3.4	10

76	The synthesis and characterization of soluble poly(isothianaphthene) derivative: poly(5,6-dihexoxyisothianaphthene). *Polymer*, **1999**, 40, 3881-3884	3.9	15
75	Kinetics and mechanism of the cationic polymerization of trioxane. I. Crystallization during polymerization. *Journal of Polymer Science Part A*, **1999**, 37, 483-492	2.5	5
74	Kinetics and mechanism of the cationic polymerization of trioxane. II. Consideration of hydride transfer. *Journal of Polymer Science Part A*, **1999**, 37, 4198-4204	2.5	5
73	Conjugated Polymer Blends as Emitting Layer for White Light LED. *ACS Symposium Series*, **1999**, 163-172	0.4	6
72	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	2.7	7
71	Structures and properties of the soluble polyanilines, N-alkylated emeraldine bases. *Synthetic Metals*, **1998**, 92, 39-46	3.6	97
70	White light emission from exciplex in a bilayer device with two blue light-emitting polymers. *Applied Physics Letters*, **1998**, 73, 426-428	3.4	182
69	Structure and Properties of Cyano-Substituted Poly(2,5-dialkoxy-p-phenylene vinylene)s. *Macromolecules*, **1998**, 31, 4899-907	5.5	55
68	Nanometer scale mixing homogeneity in light emitting polymer blend thin films. *Journal of Applied Physics*, **1998**, 83, 1782-1784	2.5	11
67	Sensitive Thermal-Undoping Characteristics of the Self-Acid-Doped Conjugated Conducting Polymer Poly[2-(3□thienyl)ethanesulfonic acid]. *Chemistry of Materials*, **1997**, 9, 2750-2754	9.6	8
66	Thermal undoping behavior of FeCl3-doped poly(3-octylthiophene). *Journal of Polymer Research*, **1997**, 4, 261-265	2.7	9
65	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	2.5	30
64	Compatibilities and Electrostatic Interactions in the Blends of Self-Acid-Doped Conjugated Conducting Polymer, Poly[2-(3□thienyl)ethanesulfonic acid], and Its Sodium Salt with Poly(vinyl alcohol). *Macromolecules*, **1996**, 29, 4919-4925	5.5	16
63	Poly(2-alkoxy-p-phenylene)s as deep-blue light-emitting polymers. *Synthetic Metals*, **1996**, 79, 93-96	3.6	31
62	White-light emission from electroluminescence diode with polyaniline as the emitting layer. *Synthetic Metals*, **1996**, 82, 207-210	3.6	170
61	Structure Characterization of Self-Acid-Doped Sulfonic Acid Ring-Substituted Polyaniline in Its Aqueous Solutions and as Solid Film. *Macromolecules*, **1996**, 29, 3950-3955	5.5	106
60	Processable low band gap □conjugated polymer, poly(isothianaphthene). *Polymer*, **1996**, 37, 519-522	3.9	18
59	Structure characterization of sulfuric acid-doped poly(3-octylthiophene). *Journal of Polymer Research*, **1996**, 3, 65-72	2.7	2

58	The polymer-polymer interaction parameter in polybutene-1/polypropylene blends. *Journal of Polymer Research*, **1996**, 3, 235-238	2.7	13
57	Polyurethane cationomers III: Oxygen permeation. *Journal of Polymer Science, Part B: Polymer Physics*, **1995**, 33, 341-352	2.6	2
56	Polyaniline Doped by the New Class of Dopant, Ionic Salt: Structure and Properties. *Macromolecules* , **1995**, 28, 1239-1245	5.5	124
55	Conversion of poly(1,3-dihydroisothianaphthene) into polyisothianaphthene with the new dehydrogenation agent, tert-butyl hypochlorite. *Synthetic Metals*, **1995**, 75, 187-189	3.6	6
54	Water-Soluble Self-Acid-Doped Conducting Polyaniline: Structure and Properties. *Journal of the American Chemical Society*, **1995**, 117, 10055-10062	16.4	214
53	Conductivity Relaxation of 1-Methyl-2-pyrrolidone-Plasticized Polyaniline Film. *Macromolecules*, **1995**, 28, 7645-7652	5.5	68
52	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		1
51	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	2.6	4
50	Synthesis of Water-Soluble Self-Acid-Doped Polyaniline. *Journal of the American Chemical Society*, **1994**, 116, 7939-7940	16.4	144
49	Polyaniline schottky barrier: effect of doping on rectification and photovoltaic characteristics. *Synthetic Metals*, **1993**, 60, 215-222	3.6	95
48	Poly(3-octylthiophene) as semiconductor for schottky barrier: Effects of doping and storage time. *Angewandte Makromolekulare Chemie*, **1993**, 208, 79-86		4
47	Bulk anionic copolymerization of ε-caprolactam in the presence of macroactivators derived from polypropylene glycol. *Journal of Applied Polymer Science*, **1993**, 47, 1721-1729	2.9	6
46	Conductivity relaxation of polyaniline. *Die Makromolekulare Chemie*, **1993**, 194, 2443-2452		27
45	Photo-controlled conductivity switching in copolymers of 3-hexylthiophene and azobenzene-moiety modified 3-hexylthiophene. *Die Makromolekulare Chemie Rapid Communications*, **1993**, 14, 69-75		16
44	A new method of preparing poly(isothianaphthene) composite films with poly(methyl methacrylate). *Die Makromolekulare Chemie Rapid Communications*, **1993**, 14, 761-764		3
43	Prediction of charge mobility and its temperature dependence in neutral poly(3-Hexylthiophene) from dielectric relaxation measurement. *Solid State Communications*, **1993**, 87, 993-996	1.6	3
42	Synergism on tensile properties of injection molded polybutene-1 /polypropylene blends. *Polymer Engineering and Science*, **1993**, 33, 686-699	2.3	13
41	Shell growth mechanism in emulsifier-free emulsion polymerization: Morphological and kinetic studies. *Polymer International*, **1993**, 30, 461-468	3.3	6

40	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	2.5	2
39	Potassium ion-based polyurethane anionomers: effects of emulsification on structure and physical properties. *Die Makromolekulare Chemie*, **1992**, 193, 423-434		19
38	Physically interpenetrating networks in polyurethane ionomers/poly(vinyl alcohol) blends. *Die Makromolekulare Chemie*, **1992**, 193, 833-845		4
37	Conductivity relaxation of neutral poly(3-octylthiophene). *Die Makromolekulare Chemie*, **1992**, 193, 2487-2493		3
36	Effect of glass transition on conductivity of neutral poly(3-alkylthiophene)s. *Die Makromolekulare Chemie Rapid Communications*, **1992**, 13, 31-37		14
35	Tensile properties and morphology of injection-molded poly(1-butene). *Angewandte Makromolekulare Chemie*, **1991**, 192, 57-67		
34	Kinetics and mechanism of emulsifier-free emulsion copolymerization. *Makromolekulare Chemie Macromolecular Symposia*, **1990**, 35-36, 349-365		6
33	Polyurethane cationomers. I. Structure-property relationships. *Journal of Polymer Science, Part B: Polymer Physics*, **1990**, 28, 1499-1514	2.6	61
32	Polyurethane cationomers. II. Phase inversion and its effect on physical properties. *Journal of Polymer Science, Part B: Polymer Physics*, **1990**, 28, 1515-1532	2.6	38
31	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	2.5	33
30	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	2.5	6
29	Shell region polymerization characteristic of large emulsion particles. *Die Makromolekulare Chemie Rapid Communications*, **1990**, 11, 443-450		6
28	Electrochemical polymerization of pyrrole on a fabric. *Angewandte Makromolekulare Chemie*, **1989**, 169, 153-157		4
27	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		3
26	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	2.5	16
25	Polyurethane ionomers: Order in 4,4?-methylenedi(phenyl isocyanate)- and hexamethylene diisocyanate-based poly(ether-urethane) cationomers. *Die Makromolekulare Chemie*, **1988**, 189, 1523-1530		7
24	Emulsion polymerization: On the characterization of the particle size distribution. *Journal of Polymer Science Part A*, **1988**, 26, 1143-1155	2.5	6
23	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	2.5	33

22	Emulsion polymerization: Theory of particle size distribution in copolymerization system. *Journal of Polymer Science Part A*, **1988**, 26, 1487-1506	2.5	11
21	Fibrilar morphology of the electrochemically polymerized polyaniline in tetrafluoroboric acid aqueous solution. *Journal of Polymer Science, Part C: Polymer Letters*, **1987**, 25, 455-460		18
20	Kinetics of polyesterification III: Solid-state polymerization of polyethylene terephthalate. *Journal of Polymer Science Part A*, **1987**, 25, 533-549	2.5	45
19	Kinetics and mechanism of urethane reactions: Phenyl isocyanate□alcohol systems. *Journal of Polymer Science Part A*, **1987**, 25, 2543-2559	2.5	60
18	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	2.3	8
17	Particle growth mechanism of large particle emulsifier-free emulsion polymerization of styrene. *Die Makromolekulare Chemie Rapid Communications*, **1987**, 8, 297-304		5
16	Effect of pressing on the diffusional properties of polyacetylene. *Angewandte Makromolekulare Chemie*, **1987**, 148, 87-91		2
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