

Shouke Yan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Realizing External Quantum Efficiency over 25% with Low Efficiency Roll-Off in Polymer-Based Light-Emitting Diodes Synergistically Utilizing Intramolecular Sensitization and Bipolar Thermally Activated Delayed Fluorescence Monomer. <i>CCS Chemistry</i> , 2023, 5, 1005-1017.	4.6	16
2	Asymmetrical α -Dendronized TADF Emitters for Efficient Non α -Doped Solution α -Processed OLEDs by Eliminating Degenerate Excited States and Creating Solely Thermal Equilibrium Routes. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	5
3	TADF dendronized polymer with vibrationally enhanced direct spin-flip between charge-transfer states for efficient non-doped solution-processed OLEDs. <i>Chemical Engineering Journal</i> , 2022, 435, 134924.	6.6	26
4	Asymmetrical α -Dendronized TADF Emitters for Efficient Non α -Doped Solution α -Processed OLEDs by Eliminating Degenerate Excited States and Creating Solely Thermal Equilibrium Routes. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	36
5	Self-seeded crystallization and optical changes of polymorphism poly (vinylidene fluoride) films. <i>Polymer</i> , 2022, 241, 124556.	1.8	8
6	Dependence of Electrical Conductivity on Phase Morphology for Graphene Selectively Located at the Interface of Polypropylene/Polyethylene Composites. <i>Nanomaterials</i> , 2022, 12, 509.	1.9	9
7	Reshapable MXene/Graphene Oxide/Polyaniline Plastic Hybrids with Patternable Surfaces for Highly Efficient Solar α -Driven Water Purification. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	79
8	Activating Energy Transfer Tunnels by Tuning Local Electronegativity of Conjugated Polymeric Backbone for High α -Efficiency OLEDs with Low Efficiency Roll α -Off. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	17
9	Ionic Liquid Assisted α -Phase Transition of Poly(vinylidene fluoride) Thin Films. <i>Macromolecules</i> , 2022, 55, 2160-2170.	2.2	14
10	Thermally Activated Delayed Fluorescence Polysiloxanes with Short Delay Fluorescence Lifetimes. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2200064.	2.0	6
11	Smart Responsive Azo-Copolymer with Photoliquefaction for Switchable Adhesive Application. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 16678-16686.	4.0	14
12	Effect of 3-Mercaptopropyltriethoxysilane Modified Illite on the Reinforcement of SBR. <i>Materials</i> , 2022, 15, 3459.	1.3	3
13	Upgrading the Pyrolysis Carbon Black from Waste Tire by Hybridization with Cellulose. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 6512-6520.	1.8	5
14	Robust and ultra-fast self-healing elastomers with hierarchically anisotropic structures and used for wearable sensors. <i>Chemical Engineering Journal</i> , 2022, 446, 137305.	6.6	14
15	A highly efficient violet-blue OLED with Rec.2020 CIE<i>y</i> based on an orthogonal phenanthroimidazole-substituted 1,2,4-triazole derivative. <i>Journal of Materials Chemistry C</i> , 2022, 10, 9621-9627.	2.7	10
16	Photoluminescent Behaviors of Thermally Activated Delayed Fluorescence Polymeric Emitters in Nanofibers. <i>Macromolecular Rapid Communications</i> , 2021, 42, 2000588.	2.0	1
17	α -Conjugated polymeric light emitting diodes with sky-blue emission by employing thermally activated delayed fluorescence mechanism. <i>Chemical Engineering Journal</i> , 2021, 417, 128089.	6.6	24
18	A Monochloro Copper Phthalocyanine Memristor with High α -Temperature Resilience for Electronic Synapse Applications. <i>Advanced Materials</i> , 2021, 33, e2006201.	11.1	51

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19	Enhanced Upconversion of Triplet Excitons for Conjugated Polymeric Thermally Activated Delayed Fluorescence Emitters by Employing an Intramolecular Sensitization Strategy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 8997-9005.	4.0	14
20	Comparative study on the molecular chain orientation and strain-induced crystallization behaviors of HNBR with different acrylonitrile content under uniaxial stretching. <i>Polymer</i> , 2021, 219, 123520.	1.8	19
21	Oriented Conjugated Copolymer Films with Controlled Crystal Forms and Molecular Stacking Modes for Enhanced Charge Transport and Photoresponsivity. <i>ACS Applied Polymer Materials</i> , 2021, 3, 2098-2108.	2.0	9
22	Formation of Stacked Three-Dimensional Polymer "Single Crystals". <i>Macromolecules</i> , 2021, 54, 4918-4925.	2.2	10
23	Controlling the Chain Orientation and Crystal Form of Poly(9,9-dioctylfluorene) Films for Low-Threshold Light-Pumped Lasers. <i>Macromolecules</i> , 2021, 54, 4342-4350.	2.2	7
24	Monocyclic and Dicyclic Dehydro[20]annulenes Integrated with Perylene Diimide. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 19018-19023.	7.2	11
25	Study on the Use of CTAB-Treated Illite as an Alternative Filler for Natural Rubber. <i>ACS Omega</i> , 2021, 6, 19017-19025.	1.6	8
26	Monocyclic and Dicyclic Dehydro[20]annulenes Integrated with Perylene Diimide. <i>Angewandte Chemie</i> , 2021, 133, 19166-19171.	1.6	3
27	A fast self-healable and stretchable conductor based on hierarchical wrinkled structure for flexible electronics. <i>Composites Science and Technology</i> , 2021, 211, 108834.	3.8	23
28	High-Efficiency Solution-Processable OLEDs by Employing Thermally Activated Delayed Fluorescence Emitters with Multiple Conversion Channels of Triplet Excitons. <i>Advanced Science</i> , 2021, 8, e2101326.	5.6	43
29	Temperature-Dependent Reversibility of Epitaxy between Isotactic Polystyrene and Polypropylene. <i>Macromolecules</i> , 2021, 54, 7564-7571.	2.2	6
30	Structure and Mechanical Property of Melt-Drawn Oriented PLA Ultrathin Films. <i>Macromolecules</i> , 2021, 54, 9124-9134.	2.2	17
31	Green fabrication of porous microspheres containing cellulose nanocrystal/MnO ₂ nanohybrid for efficient dye removal. <i>Carbohydrate Polymers</i> , 2021, 270, 118340.	5.1	17
32	Differentiation of Electric Response in Highly Oriented Regioregular Poly(3-hexylthiophene) under Anisotropic Strain. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 2944-2951.	4.0	6
33	2D Ferrous Ion-Crosslinked Ti ₃ C ₂ T _x MXene Aerogel Evaporators for Efficient Solar Steam Generation. <i>Advanced Sustainable Systems</i> , 2021, 5, 2100263.	2.7	30
34	Influence of Initial Crystallization Temperature of Form II on the Nucleation and Growth of Form I IPBu Crystals during "I Phase Transition. <i>ACS Applied Polymer Materials</i> , 2021, 3, 6666-6673.	2.0	6
35	Synthesis and performance of non-conjugated main-chain thermally activated delayed fluorescence polymers with arylsilanes as host. <i>Organic Electronics</i> , 2020, 77, 105539.	1.4	4
36	Preparation of highly oriented single crystal arrays of C8-BTBT by epitaxial growth on oriented isotactic polypropylene. <i>Journal of Materials Chemistry C</i> , 2020, 8, 2155-2159.	2.7	11

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37	Formation of Asymmetric Leaf-Shaped Crystals in Ultrathin Films of Oriented Polyethylene Molecules Resulting from High-Temperature Relaxation and Recrystallization. <i>Macromolecules</i> , 2020, 53, 346-354.	2.2	8
38	Morphological Evolution of Tetrachlorinated Perylene Bisimides with Lengthy Alkyl Substituent Polycrystalline Thin Films during Reversible Phase Transitions. <i>ACS Omega</i> , 2020, 5, 843-850.	1.6	0
39	Crystallization Mechanism of 9,9'-Diphenyl-10,10'-dibenzosilole from Solids. <i>ChemPhysChem</i> , 2020, 21, 181-186.	1.0	4
40	The development of an abnormal isotactic polypropylene spherulite: Morphology and kinetics. <i>Polymer Crystallization</i> , 2020, 3, e10157.	0.5	1
41	High-Strength, Fast Self-Healing, Aging-Insensitive Elastomers with Shape Memory Effect. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 35445-35452.	4.0	35
42	Differently Linked Perylene Bisimide Dimers with Various Twisting and Phase Structures for Nonfullerene All-Small-Molecule Organic Solar Cells. <i>ACS Omega</i> , 2020, 5, 18449-18457.	1.6	5
43	Tacticity-Dependent Epitaxial Crystallization of Poly(L-lactic acid) on an Oriented Polyethylene Substrate. <i>Macromolecules</i> , 2020, 53, 8487-8493.	2.2	8
44	Orientation of Poly(ϵ -caprolactone) in Its Poly(vinyl chloride) Blends Crystallized under Strain: The Role of Strain Rate. <i>Materials</i> , 2020, 13, 5655.	1.3	3
45	Effect of hydrogen bonding strength on the morphology and polymorphism of poly(butylene adipate). <i>Polymer Crystallization</i> , 2020, 3, pcr210108.	0.5	0
46	A recyclable and photocontrollable resistive memory device based on polycoumarinsiloxanes. <i>Journal of Materials Chemistry C</i> , 2020, 8, 7527-7533.	2.7	6
47	Self-polarized Poly(vinylidene fluoride) Ultrathin Film and Its Piezo/Ferroelectric Properties. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 29818-29825.	4.0	12
48	Taming the Phase Transition Ability of Poly(vinylidene fluoride) from β to β' Phase. <i>Macromolecules</i> , 2020, 53, 5971-5979.	2.2	22
49	Effect of Illite on Crystallization of Poly(vinylidene fluoride). <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 3438-3445.	1.8	11
50	The design, synthesis and performance of thermally activated delayed fluorescence macromolecules. <i>Polymer Chemistry</i> , 2020, 11, 1555-1571.	1.9	58
51	Evidence for the Soft and Hard Epitaxies of Poly(L-lactic acid) on an Oriented Polyethylene Substrate and Their Dependence on the Crystallization Temperature. <i>Macromolecules</i> , 2020, 53, 1745-1751.	2.2	16
52	Synergistic effect of thermoplastic phenolic resin and multiwalled carbon nanotubes on the crystallization of polyoxymethylene. <i>Journal of Polymer Science</i> , 2020, 58, 997-1010.	2.0	2
53	Enhanced charge transport and thermoelectric performance of P(NDI2OD-T2) by epitaxial crystallization on highly oriented polyethylene substrates. <i>Materials Chemistry Frontiers</i> , 2020, 4, 661-668.	3.2	14
54	Halogenated π -conjugated polymeric emitters with thermally activated delayed fluorescence for highly efficient polymer light emitting diodes. <i>Nano Energy</i> , 2020, 73, 104800.	8.2	59

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55	Real-Space in Situ Study of the II ^{II} Phase Transition of Isotactic Poly(1-butene). <i>Macromolecules</i> , 2020, 53, 3090-3096.	2.2	18
56	Visualization and Quantification of the Microstructure Evolution of Isoprene Rubber during Uniaxial Stretching Using AFM Nanomechanical Mapping. <i>Macromolecules</i> , 2020, 53, 3082-3089.	2.2	24
57	Band Spacing in Poly(3-hydroxybutyrate) and Its Blends with Poly(propylene carbonate): Dependence on Thermal Processing. <i>Langmuir</i> , 2019, 35, 11167-11174.	1.6	5
58	Thermally Activated Delayed Fluorescence Polymer Emitters with Tunable Emission from Yellow to Warm White Regulated by Triphenylamine Derivatives. <i>ACS Applied Polymer Materials</i> , 2019, 1, 2204-2212.	2.0	11
59	Effect of Poly(vinylphenol) on the Ferroelectric Performance of Poly(vinylidene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,582 Td (f)	2.0	2
60	Synergistic Effect of Solvent and Epitaxy on the Formation of Anisotropic Structures of P3HT and P3HT/PCBM Films. <i>Journal of Physical Chemistry B</i> , 2019, 123, 7233-7239.	1.2	14
61	Highly efficient white-emitting thermally activated delayed fluorescence polymers: Synthesis, non-doped white OLEDs and electroluminescent mechanism. <i>Nano Energy</i> , 2019, 65, 104057.	8.2	70
62	Synthesis and Cyclization ^{II} -Induced Charge Transfer of Rectangular Bisterthiophenesiloxanes. <i>Chemistry - A European Journal</i> , 2019, 25, 13701-13704.	1.7	1
63	Morphological Evidence for the Two-Step II ^{II} Phase Transition of Isotactic Polybutene-1. <i>Macromolecules</i> , 2019, 52, 7175-7182.	2.2	37
64	Anisotropic Polyaniline/SWCNT Composite Films Prepared by in Situ Electropolymerization on Highly Oriented Polyethylene for High-Efficiency Ammonia Sensor. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 38169-38176.	4.0	30
65	Epitaxial Recrystallization of IPBu in Form II on an Oriented IPS Film Initially Induced by Oriented Form I IPBu. <i>Macromolecules</i> , 2019, 52, 4232-4239.	2.2	37
66	Flexible and Fatigue ^{II} -Resistant Ternary Electrical Memory Based on Alternative Copolysiloxane with Carbazole Donors and Imidazole ^{II} -Modified Naphthalimide Acceptors. <i>Advanced Materials Technologies</i> , 2019, 4, 1900084.	3.0	12
67	Modification of illite with calcium pimelate and its influence on the crystallization and mechanical property of isotactic polypropylene. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 123, 200-207.	3.8	9
68	Highly Anisotropic P3HT Film Fabricated via Epitaxy on an Oriented Polyethylene Film and Solvent Vapor Treatment. <i>Langmuir</i> , 2019, 35, 7841-7847.	1.6	33
69	The Effect of Epoxidation on Strain ^{II} -Induced Crystallization of Epoxidized Natural Rubber. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1900042.	2.0	29
70	Deep-Blue Thermally Activated Delayed Fluorescence Polymers for Nondoped Solution-Processed Organic Light-Emitting Diodes. <i>Macromolecules</i> , 2019, 52, 2296-2303.	2.2	77
71	Synergistic Effect of Hydrogen Bonds and Diffusion on the II ^{II} -Crystallization of Poly(vinylidene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,582 Td (f)	1.8	24
72	Preparation and Self ^{II} -Repairing of Highly Oriented Structures of Ultrathin Polymer Films. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1800478.	1.1	12

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73	Direct High-Temperature Form I Crystallization of Isotactic Poly(1-butene) Assisted by Oriented Isotactic Polypropylene. <i>Macromolecules</i> , 2019, 52, 9657-9664.	2.2	31
74	The influence of illite on the crystallization and properties of isotactic polypropylene. <i>Polymer Crystallization</i> , 2019, 2, e10051.	0.5	2
75	Ultralight, Superelastic, and Fatigue-Resistant Graphene Aerogel Templated by Graphene Oxide Liquid Crystal Stabilized Air Bubbles. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 1303-1310.	4.0	68
76	Efficient triplet utilization in conventional solution-processed phosphorescent organic light emitting diodes using a thermal activated delayed fluorescence polymer as an assistant host. <i>Journal of Materials Chemistry C</i> , 2018, 6, 4800-4806.	2.7	16
77	All-organic thermally activated delayed fluorescence materials for organic light-emitting diodes. <i>Nature Reviews Materials</i> , 2018, 3, .	23.3	1,097
78	Thermally Activated Delayed Fluorescence Pendant Copolymers with Electron- and Hole-Transporting Spacers. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 5731-5739.	4.0	47
79	The crystallization behavior of biodegradable polymer in thin film. <i>European Polymer Journal</i> , 2018, 102, 238-253.	2.6	17
80	The design of highly efficient polymer solar cells with outstanding short-circuit current density based on small band gap electron acceptor. <i>Dyes and Pigments</i> , 2018, 150, 363-369.	2.0	15
81	Epitaxial Crystallization of Isotactic Poly(methyl methacrylate) from Different States on Highly Oriented Polyethylene Thin Film. <i>Journal of Physical Chemistry B</i> , 2018, 122, 9425-9433.	1.2	19
82	Synthesis and Charge-Transporting Properties of Dibenzothiophene Dioxide-Based Polysiloxanes. <i>Chemistry - an Asian Journal</i> , 2018, 13, 3254-3260.	1.7	2
83	The dependence of the T^2 -to- T^1 phase transition behavior of poly(1,4-butylene adipate) on phase separated morphology in its blends with poly(vinylidene fluoride). <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 15718-15724.	1.3	9
84	Enhance the performance of polymer solar cells via extension of the flanking end groups of fused ring acceptors. <i>Science China Chemistry</i> , 2018, 61, 1320-1327.	4.2	22
85	Oriented Overgrowths of Poly(L-lactide) on Oriented Isotactic Polypropylene: A Sequence of Soft and Hard Epitaxies. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800353.	2.0	17
86	Confinement Effects on the Crystallization of Poly(3-hydroxybutyrate). <i>Macromolecules</i> , 2018, 51, 5732-5741.	2.2	30
87	Polymorphic Behavior and Phase Transition of Poly(1-Butene) and Its Copolymers. <i>Polymers</i> , 2018, 10, 556.	2.0	59
88	Macroporous Graphene Thin Films as Electrochemical Electrodes: Enhancing the Sensitivity for Detection of Metal Ions. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 4100-4105.	0.9	3
89	Efficient Thermally Activated Delayed Fluorescence Conjugated Polymeric Emitters with Tunable Nature of Excited States Regulated via Carbazole Derivatives for Solution-Processed OLEDs. <i>Macromolecules</i> , 2018, 51, 4615-4623.	2.2	50
90	Morphology and electrical conductivity of polyethylene/polypropylene blend filled with thermally reduced graphene oxide and surfactant exfoliated graphene. <i>Polymer Composites</i> , 2017, 38, 2098-2105.	2.3	15

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91	Effects of Composition and Melting Time on the Phase Separation of Poly(3-hydroxybutyrate)/Poly(propylene carbonate) Blend Thin Films. <i>Langmuir</i> , 2017, 33, 1202-1209.	1.6	5
92	Temperature-Dependent Recrystallization Morphologies of Carbon-Coated Isotactic Polypropylene Highly Oriented Thin Films. <i>Macromolecules</i> , 2017, 50, 3582-3589.	2.2	24
93	Main chain copolysiloxanes with terthiophene and perylene diimide units: synthesis, characterization and electrical memory. <i>Polymer Chemistry</i> , 2017, 8, 3515-3522.	1.9	6
94	Crystal Structure Regulation of Ferroelectric Poly(vinylidene fluoride) via Controlled Melt Recrystallization. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 4580-4587.	1.8	38
95	Nonfullerene-Acceptor All-Small-Molecule Organic Solar Cells Based on Highly Twisted Perylene Bisimide with an Efficiency of over 6%. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 2739-2746.	4.0	39
96	Solution-Processable Thermally Activated Delayed Fluorescence White OLEDs Based on Dual-Emission Polymers with Tunable Emission Colors and Aggregation-Enhanced Emission Properties. <i>Advanced Optical Materials</i> , 2017, 5, 1700435.	3.6	99
97	Temperature-directed growth of highly pyridinic nitrogen doped, graphitized, ultra-hollow carbon frameworks as an efficient electrocatalyst for the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2017, 5, 18064-18070.	5.2	43
98	The propagation of crystal orientation in poly(ϵ -caprolactone)/poly(vinyl chloride) blend film after removal of induction layer. <i>Colloid and Polymer Science</i> , 2017, 295, 1635-1642.	1.0	7
99	Diameter and thermal treatment dependent structure and optical properties of poly(3-hexylthiophene) nanotubes. <i>Journal of Materials Chemistry C</i> , 2017, 5, 8315-8322.	2.7	12
100	Polymorphism and Enzymatic Degradation of Poly(1,4-butylene adipate) and Its Binary Blends with Atactic Poly(3-hydroxybutyrate) and Poly(vinyl phenol). <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 14263-14269.	1.8	5
101	Influence of melt-mixing processing sequence on electrical conductivity of polyethylene/polypropylene blends filled with graphene. <i>Polymer Bulletin</i> , 2017, 74, 1237-1252.	1.7	33
102	Rational Design of TADF Polymers Using a Donor-Acceptor Monomer with Enhanced TADF Efficiency Induced by the Energy Alignment of Charge Transfer and Local Triplet Excited States. <i>Advanced Optical Materials</i> , 2016, 4, 597-607.	3.6	235
103	Crystal Morphology of Poly(3-hydroxybutyrate) on Amorphous Poly(vinylphenol) Substrate. <i>Langmuir</i> , 2016, 32, 3983-3994.	1.6	10
104	Conjunction of Conducting Polymer Nanostructures with Macroporous Structured Graphene Thin Films for High-Performance Flexible Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 11711-11719.	4.0	57
105	A grazing incident XRD study on the structure of poly(3-hydroxybutyrate) ultrathin films sandwiched between Si wafers and amorphous polymers. <i>Polymer Chemistry</i> , 2016, 7, 3705-3713.	1.9	11
106	Polysiloxane-Modified Tetraphenylethene: Synthesis, AIE Properties, and Sensor for Detecting Explosives. <i>Macromolecular Rapid Communications</i> , 2016, 37, 1772-1779.	2.0	24
107	A facile way to fabricate anisotropic P3HT films by combining epitaxy and electrochemical deposition. <i>Chemical Communications</i> , 2016, 52, 10972-10975.	2.2	29
108	Electrochemically deposited interlayer between PEDOT:PSS and phosphorescent emitting layer for multilayer solution-processed phosphorescent OLEDs. <i>Journal of Materials Chemistry C</i> , 2016, 4, 9509-9515.	2.7	20

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109	Pendant Homopolymer and Copolymers as Solution-Processable Thermally Activated Delayed Fluorescence Materials for Organic Light-Emitting Diodes. <i>Macromolecules</i> , 2016, 49, 5452-5460.	2.2	145
110	Polysiloxanes for optoelectronic applications. <i>Progress in Materials Science</i> , 2016, 83, 383-416.	16.0	76
111	Surface-induced highly oriented perylo[1,12-b,c,d]selenophene thin films for high performance organic field-effect transistors. <i>Organic Electronics</i> , 2016, 35, 186-192.	1.4	10
112	High efficiency organosilicon-containing polymer sensors for the detection of trinitrotoluene and dinitrotoluene. <i>Journal of Materials Chemistry C</i> , 2016, 4, 6756-6760.	2.7	27
113	The phase transition behavior of poly(butylene adipate) in the nanoporous anodic alumina oxide. <i>Polymer Chemistry</i> , 2016, 7, 410-417.	1.9	26
114	Effect of Anodic Alumina Oxide Pore Diameter on the Crystallization of Poly(butylene adipate). <i>Langmuir</i> , 2016, 32, 3269-3275.	1.6	25
115	Branched Crystalline Patterns of Poly(μ -caprolactone) and Poly(4-hydroxystyrene) Blends Thin Films. <i>Journal of Physical Chemistry B</i> , 2016, 120, 222-230.	1.2	10
116	Effects of Nanoporous Anodic Alumina Oxide on the Crystallization and Melting Behavior of Poly(vinylidene fluoride). <i>Journal of Physical Chemistry B</i> , 2016, 120, 843-850.	1.2	19
117	Morphology and Thermal Properties of Precision Polymers: The Crystallization of Butyl Branched Polyethylene and Polyphosphoesters. <i>Macromolecules</i> , 2016, 49, 1321-1330.	2.2	38
118	Epitaxially-crystallized oriented naphthalene bis(dicarboximide) morphology for significant performance improvement of electron-transporting thin-film transistors. <i>Chemical Communications</i> , 2016, 52, 4902-4905.	2.2	21
119	In situ observation of the melting behaviour of PEO single crystals on a PVPh substrate by AFM. <i>Polymer Chemistry</i> , 2016, 7, 1892-1898.	1.9	5
120	D α A copolymers with the benzo[1,2-b:4,5-c α 2]dithiophene-4,8-dione acceptor unit for polymer solar cells. <i>Polymer Chemistry</i> , 2016, 7, 1226-1229.	1.9	4
121	Epitaxial Effects on Polymer Crystallization. <i>Advances in Polymer Science</i> , 2015, , 55-94.	0.4	12
122	Tunable Self-Assembled Micro/Nanostructures of Carboxyl-Functionalized Squarylium Cyanine for Ammonia Sensing. <i>Advanced Functional Materials</i> , 2015, 25, 7442-7449.	7.8	37
123	Solution-Processed Blue/Deep Blue and White Phosphorescent Organic Light-Emitting Diodes (PhOLEDs) Hosted by a Polysiloxane Derivative with Pendant mCP (1,3-bis(9-carbazolyl)benzene). <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 27989-27998.	4.0	44
124	The melt-recrystallization behavior of highly oriented β -iPP fibers embedded in a HIPS matrix. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 7576-7580.	1.3	7
125	The β growth transition of isotactic polypropylene during stepwise crystallization at elevated temperature. <i>Colloid and Polymer Science</i> , 2015, 293, 2823-2830.	1.0	15
126	Synthesis of nitrogen-doped monolayer graphene with high transparent and n-type electrical properties. <i>Journal of Materials Chemistry C</i> , 2015, 3, 6172-6177.	2.7	24

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127	Synthesis and the aggregation induced enhanced emission effect of pyrene based polysiloxanes. <i>Polymer Chemistry</i> , 2015, 6, 7827-7832.	1.9	15
128	Multi-3,3'-Bicarbazole-Substituted Arylsilane Host Materials with Balanced Charge Transport for Highly Efficient Solution-Processed Blue Phosphorescent Organic Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 17802-17810.	4.0	22
129	Arylsilanes and siloxanes as optoelectronic materials for organic light-emitting diodes (OLEDs). <i>Journal of Materials Chemistry C</i> , 2015, 3, 9496-9508.	2.7	80
130	Melt recrystallization behavior of carbon-coated melt-drawn oriented isotactic polypropylene thin films. <i>Polymer Chemistry</i> , 2015, 6, 7524-7532.	1.9	12
131	The synthesis and flash memory behavior of alternate copolymer containing carbazole donor and perylenediimide derivatives acceptor by the hybridization of organo-silicon. <i>Journal of Materials Chemistry C</i> , 2015, 3, 10249-10255.	2.7	16
132	The β -iPP growth transformation of commercial-grade iPP during non-isothermal crystallization. <i>CrystEngComm</i> , 2015, 17, 9221-9227.	1.3	7
133	Synthesis of graphene/Ni-Al layered double hydroxide nanowires and their application as an electrode material for supercapacitors. <i>Journal of Materials Chemistry A</i> , 2014, 2, 5060.	5.2	114
134	Synthesis of well-defined poly(phenylcarbazole-alt-triphenylphosphine oxide) siloxane as a bipolar host material for solution-processed deep blue phosphorescent devices. <i>Polymer Chemistry</i> , 2014, 5, 220-226.	1.9	26
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