

Wang-Zhang Yuan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Changing the Behavior of Chromophores from Aggregation-Induced Quenching to Aggregation-Induced Emission: Development of Highly Efficient Light Emitters in the Solid State. <i>Advanced Materials</i> , 2010, 22, 2159-2163.	11.1	834
2	Crystallization-Induced Phosphorescence of Pure Organic Luminogens at Room Temperature. <i>Journal of Physical Chemistry C</i> , 2010, 114, 6090-6099.	1.5	765
3	Biocompatible Nanoparticles with Aggregation-Induced Emission Characteristics as Far-Red/Near-Infrared Fluorescent Bioprobes for In Vitro and In Vivo Imaging Applications. <i>Advanced Functional Materials</i> , 2012, 22, 771-779.	7.8	599
4	Restriction of Intramolecular Motions: The General Mechanism behind Aggregation-Induced Emission. <i>Chemistry - A European Journal</i> , 2014, 20, 15349-15353.	1.7	578
5	Achieving Persistent Room Temperature Phosphorescence and Remarkable Mechanochromism from Pure Organic Luminogens. <i>Advanced Materials</i> , 2015, 27, 6195-6201.	11.1	513
6	Efficient Solid Emitters with Aggregation-Induced Emission and Intramolecular Charge Transfer Characteristics: Molecular Design, Synthesis, Photophysical Behaviors, and OLED Application. <i>Chemistry of Materials</i> , 2012, 24, 1518-1528.	3.2	472
7	Synergy between Twisted Conformation and Effective Intermolecular Interactions: Strategy for Efficient Mechanochromic Luminogens with High Contrast. <i>Advanced Materials</i> , 2013, 25, 2837-2843.	11.1	422
8	Clusterization-triggered emission: Uncommon luminescence from common materials. <i>Materials Today</i> , 2020, 32, 275-292.	8.3	407
9	Effects of Substitution with Donor-Acceptor Groups on the Properties of Tetraphenylethene Trimer: Aggregation-Induced Emission, Solvatochromism, and Mechanochromism. <i>Journal of Physical Chemistry C</i> , 2013, 117, 7334-7347.	1.5	385
10	Crystallization-induced dual emission from metal- and heavy atom-free aromatic acids and esters. <i>Chemical Science</i> , 2015, 6, 4438-4444.	3.7	335
11	Clustering-Triggered Emission of Nonconjugated Polyacrylonitrile. <i>Small</i> , 2016, 12, 6586-6592.	5.2	293
12	Hyperbranched polytriazoles with high molecular compressibility: aggregation-induced emission and superamplified explosive detection. <i>Journal of Materials Chemistry</i> , 2011, 21, 4056.	6.7	275
13	Achieving Persistent, Efficient, and Robust Room-Temperature Phosphorescence from Pure Organics for Versatile Applications. <i>Advanced Materials</i> , 2019, 31, e1807222.	11.1	270
14	Conjugation-Induced Rigidity in Twisting Molecules: Filling the Gap Between Aggregation-Induced Quenching and Aggregation-Induced Emission. <i>Advanced Materials</i> , 2015, 27, 4496-4501.	11.1	268
15	Clustering-Triggered Emission and Persistent Room Temperature Phosphorescence of Sodium Alginate. <i>Biomacromolecules</i> , 2018, 19, 2014-2022.	2.6	248
16	Twisted "A" solid emitters: efficient emission and high contrast mechanochromism. <i>Chemical Communications</i> , 2013, 49, 4009.	2.2	239
17	Room temperature phosphorescence from natural products: Crystallization matters. <i>Science China Chemistry</i> , 2013, 56, 1178-1182.	4.2	236
18	Prevalent intrinsic emission from nonaromatic amino acids and poly(amino acids). <i>Science China Chemistry</i> , 2018, 61, 351-359.	4.2	214

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19	Nonconventional macromolecular luminogens with aggregation-induced emission characteristics. <i>Journal of Polymer Science Part A</i> , 2017, 55, 560-574.	2.5	211
20	Nonconventional luminophores: characteristics, advancements and perspectives. <i>Chemical Society Reviews</i> , 2021, 50, 12616-12655.	18.7	203
21	Color-Tunable, Excitation-Dependent, and Time-Dependent Afterglows from Pure Organic Amorphous Polymers. <i>Advanced Materials</i> , 2020, 32, e2004768.	11.1	181
22	Wrapping Carbon Nanotubes in Pyrene-Containing Poly(phenylacetylene) Chains: Solubility, Stability, Light Emission, and Surface Photovoltaic Properties. <i>Macromolecules</i> , 2006, 39, 8011-8020.	2.2	158
23	Reevaluating Protein Photoluminescence: Remarkable Visible Luminescence upon Concentration and Insight into the Emission Mechanism. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12667-12673.	7.2	154
24	Simple Biosensor with High Selectivity and Sensitivity: Thiol-Specific Biomolecular Probing and Intracellular Imaging by AIE Fluorogen on a TLC Plate through a Thiol-ene Click Mechanism. <i>Chemistry - A European Journal</i> , 2010, 16, 8433-8438.	1.7	152
25	Emission mechanism understanding and tunable persistent room temperature phosphorescence of amorphous nonaromatic polymers. <i>Materials Chemistry Frontiers</i> , 2019, 3, 257-264.	3.2	150
26	Fumaronitrile-Based Fluorogen: Red to Near-Infrared Fluorescence, Aggregation-Induced Emission, Solvatochromism, and Twisted Intramolecular Charge Transfer. <i>Journal of Physical Chemistry C</i> , 2012, 116, 10541-10547.	1.5	147
27	A fluorescent thermometer operating in aggregation-induced emission mechanism: probing thermal transitions of PNIPAM in water. <i>Chemical Communications</i> , 2009, , 4974.	2.2	144
28	Towards high efficiency solid emitters with aggregation-induced emission and electron-transport characteristics. <i>Chemical Communications</i> , 2011, 47, 11216.	2.2	136
29	Aggregation-induced emission of non-conjugated poly(amido amine)s: Discovering, luminescent mechanism understanding and bioapplication. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2015, 33, 680-687.	2.0	133
30	A clustering-triggered emission strategy for tunable multicolor persistent phosphorescence. <i>Chemical Science</i> , 2020, 11, 2926-2933.	3.7	127
31	Emission and Emissive Mechanism of Nonaromatic Oxygen Clusters. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800528.	2.0	125
32	Luminogenic Polyacetylenes and Conjugated Polyelectrolytes: Synthesis, Hybridization with Carbon Nanotubes, Aggregation-Induced Emission, Superamplification in Emission Quenching by Explosives, and Fluorescent Assay for Protein Quantitation. <i>Macromolecules</i> , 2009, 42, 9400-9411.	2.2	121
33	A Solid Emitter with Crowded and Remarkably Twisted Conformations Exhibiting Multifunctionality and Multicolor Mechanochromism. <i>Journal of Physical Chemistry C</i> , 2014, 118, 10998-11005.	1.5	120
34	Accessing Tunable Afterglows from Highly Twisted Nonaromatic Organic AIEgens via Effective Through-space Conjugation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10018-10022.	7.2	120
35	Siloles symmetrically substituted on their 2,5-positions with electron-accepting and donating moieties: facile synthesis, aggregation-enhanced emission, solvatochromism, and device application. <i>Chemical Science</i> , 2012, 3, 549-558.	3.7	114
36	High efficiency luminescent liquid crystal: aggregation-induced emission strategy and biaxially oriented mesomorphic structure. <i>Journal of Materials Chemistry</i> , 2012, 22, 3323.	6.7	112

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37	Synthesis, clustering-triggered emission, explosive detection and cell imaging of nonaromatic polyurethanes. <i>Molecular Systems Design and Engineering</i> , 2018, 3, 364-375.	1.7	100
38	Disubstituted Polyacetylenes Containing Photopolymerizable Vinyl Groups and Polar Ester Functionality: A Polymer Synthesis, Aggregation-Enhanced Emission, and Fluorescent Pattern Formation. <i>Macromolecules</i> , 2007, 40, 3159-3166.	2.2	99
39	Clustering-triggered Emission of Cellulose and Its Derivatives. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2019, 37, 409-415.	2.0	96
40	Electronic Interactions and Polymer Effect in the Functionalization and Solvation of Carbon Nanotubes by Pyrene- and Ferrocene-Containing Poly(1-alkyne)s. <i>Macromolecules</i> , 2008, 41, 701-707.	2.2	95
41	Aggregation-Induced Emission in a Hyperbranched Poly(silylenevinylene) and Superamplification in Its Emission Quenching by Explosives. <i>Macromolecular Rapid Communications</i> , 2010, 31, 834-839.	2.0	93
42	Clustering and halogen effects enabled red/near-infrared room temperature phosphorescence from aliphatic cyclic imides. <i>Nature Communications</i> , 2022, 13, 2658.	5.8	92
43	High Solid-State Efficiency Fluorescent Main Chain Liquid Crystalline Polytriazoles with Aggregation-Induced Emission Characteristics. <i>Macromolecules</i> , 2011, 44, 9618-9628.	2.2	88
44	Diethylamino functionalized tetraphenylethenes: structural and electronic modulation of photophysical properties, implication for the CIE mechanism and application to cell imaging. <i>Journal of Materials Chemistry C</i> , 2015, 3, 112-120.	2.7	86
45	Crystallization-induced phosphorescence of pure organic luminogens. <i>Chinese Chemical Letters</i> , 2016, 27, 1184-1192.	4.8	86
46	Crystallization-induced phosphorescence of benzils at room temperature. <i>Science China Chemistry</i> , 2013, 56, 1183-1186.	4.2	85
47	Nonconventional luminophores with unprecedented efficiencies and color-tunable afterglows. <i>Materials Horizons</i> , 2020, 7, 2105-2112.	6.4	80
48	Aggregation-Induced Dual Emission and Unusual Luminescence beyond Excimer Emission of Poly(ethylene terephthalate). <i>Macromolecules</i> , 2018, 51, 9035-9042.	2.2	73
49	Sulphur-containing nonaromatic polymers: clustering-triggered emission and luminescence regulation by oxidation. <i>Polymer Chemistry</i> , 2019, 10, 3639-3646.	1.9	65
50	Hybrids of Triphenylamine-Functionalized Polyacetylenes and Multiwalled Carbon Nanotubes: High Solubility, Strong Donor-Acceptor Interaction, and Excellent Photoconductivity. <i>Macromolecules</i> , 2008, 41, 8566-8574.	2.2	64
51	Construction of soft porous crystal with silole derivative: strategy of framework design, multiple structural transformability and mechanofluorochromism. <i>Journal of Materials Chemistry</i> , 2012, 22, 4290-4298.	6.7	64
52	Synthesis and self-assembly of tetraphenylethene and biphenyl based AIE-active triazoles. <i>Journal of Materials Chemistry</i> , 2012, 22, 10472.	6.7	62
53	Influences of processing methods and chemical treatments on fracture toughness of halloysite-epoxy composites. <i>Materials & Design</i> , 2012, 42, 471-477.	5.1	61
54	Intrinsic Luminescence from Nonaromatic Biomolecules. <i>ChemPlusChem</i> , 2020, 85, 1065-1080.	1.3	60

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55	Covalent Immobilization of Aggregation-Induced Emission Luminogens in Silica Nanoparticles Through Click Reaction. <i>Small</i> , 2011, 7, 1448-1455.	5.2	59
56	Conjugated Hyperbranched Poly(aryleneethynylene)s: Synthesis, Photophysical Properties, Superquenching by Explosive, Photopatternability, and Tunable High Refractive Indices. <i>Chemistry - A European Journal</i> , 2012, 18, 2847-2856.	1.7	57
57	AIE-active, highly thermally and morphologically stable, mechanochromic and efficient solid emitters for low color temperature OLEDs. <i>Journal of Materials Chemistry C</i> , 2014, 2, 7552-7560.	2.7	56
58	Regioselective Alkyne Polyhydrosilylation: Synthesis and Photonic Properties of Poly(silylenevinylene)s. <i>Macromolecules</i> , 2011, 44, 5977-5986.	2.2	52
59	Accessing Excitation- and Time-Responsive Afterglows from Aqueous Processable Amorphous Polymer Films through Doping and Energy Transfer. <i>Advanced Materials</i> , 2022, 34, .	11.1	52
60	High hole mobility of 1,2-bis[4-(diphenylamino)biphenyl-4-yl]-1,2-diphenylethene in field effect transistor. <i>Chemical Communications</i> , 2011, 47, 6924.	2.2	50
61	Effective Internal and External Modulation of Nontraditional Intrinsic Luminescence. <i>Small</i> , 2020, 16, e2005035.	5.2	47
62	Functional Perovskite Hybrid of Polyacetylene Ammonium and Lead Bromide: Synthesis, Light Emission, and Fluorescence Imaging. <i>Journal of Physical Chemistry B</i> , 2006, 110, 21701-21709.	1.2	46
63	1-((12-Bromododecyl)oxy)-4-((4-(4-pentylcyclohexyl)phenyl)ethynyl) benzene: Liquid crystal with aggregation-induced emission characteristics. <i>Science China Chemistry</i> , 2013, 56, 1191-1196.	4.2	46
64	Thiol-bromo click polymerization for multifunctional polymers: synthesis, light refraction, aggregation-induced emission and explosive detection. <i>Polymer Chemistry</i> , 2015, 6, 97-105.	1.9	46
65	Hydrogen bonding boosted the persistent room temperature phosphorescence of pure organic compounds for multiple applications. <i>Journal of Materials Chemistry C</i> , 2019, 7, 9095-9101.	2.7	46
66	Induced Chain Alignment, Efficient Energy Transfer, and Enhanced Light Emission in Functional Polyacetylene-Perovskite Hybrids. <i>Macromolecules</i> , 2005, 38, 8127-8130.	2.2	45
67	Enhanced chemical durability of perfluorosulfonic acid membranes through incorporation of terephthalic acid as radical scavenger. <i>Journal of Membrane Science</i> , 2013, 432, 66-72.	4.1	44
68	Functionalization of Disubstituted Polyacetylenes through Polymer Reactions: Syntheses of Functional Poly(1-phenyl-1-alkyne)s. <i>Macromolecules</i> , 2006, 39, 467-469.	2.2	42
69	Graphene nanoribbons as a novel support material for high performance fuel cell electrocatalysts. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 13230-13237.	3.8	41
70	Pure Organic Persistent Room-Temperature Phosphorescence at both Crystalline and Amorphous States. <i>ChemPhysChem</i> , 2018, 19, 2389-2396.	1.0	41
71	Direct Polymerization of Highly Polar Acetylene Derivatives and Facile Fabrication of Nanoparticle-Decorated Carbon Nanotubes. <i>Macromolecules</i> , 2009, 42, 52-61.	2.2	39
72	Crystallization-Induced Red Phosphorescence and Grinding-Induced Blue-Shifted Emission of a Benzobis(1,2,5-thiadiazole)-Thiophene Conjugate. <i>ACS Omega</i> , 2019, 4, 344-351.	1.6	39

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73	Clustering-Triggered Efficient Room-Temperature Phosphorescence from Nonconventional Luminophores. <i>ChemPhysChem</i> , 2020, 21, 36-42.	1.0	39
74	Processable Hybrids of Ferrocene-Containing Poly(phenylacetylene)s and Carbon Nanotubes: Fabrication and Properties. <i>Journal of Physical Chemistry B</i> , 2008, 112, 8896-8905.	1.2	38
75	Clustering-Triggered Emission of Poly(<i>N</i> -hydroxysuccinimide Methacrylate). <i>Acta Chimica Sinica</i> , 2016, 74, 935.	0.5	38
76	Graphene nanoribbons hybridized carbon nanofibers: remarkably enhanced graphitization and conductivity, and excellent performance as support material for fuel cell catalysts. <i>Nanoscale</i> , 2014, 6, 1377-1383.	2.8	37
77	Crystallization-induced phosphorescence, remarkable mechanochromism, and grinding enhanced emission of benzophenone-aromatic amine conjugates. <i>Chinese Chemical Letters</i> , 2018, 29, 1533-1536.	4.8	36
78	Rational bridging affording luminogen with AIE features and high field effect mobility. <i>Journal of Materials Chemistry C</i> , 2015, 3, 4903-4909.	2.7	35
79	Enhanced dispersion of nanotubes in organic solvents by donor-acceptor interaction between functionalized poly(phenylacetylene) chains and carbon nanotube walls. <i>Journal of Polymer Science Part A</i> , 2009, 47, 4995-5005.	2.5	34
80	Perfluorinated sulfonic acid ionomer/poly(<i>N</i> -vinylpyrrolidone) nanofiber membranes: Electrospinning fabrication, water stability, and metal ion removal applications. <i>Reactive and Functional Polymers</i> , 2011, 71, 1102-1109.	2.0	33
81	Clustering-Triggered Emission and Luminescence Regulation by Molecular Arrangement of Nonaromatic Polyamide-6. <i>Journal of Physical Chemistry B</i> , 2020, 124, 8928-8936.	1.2	32
82	Detection of the critical micelle concentration of cationic and anionic surfactants based on aggregation-induced emission property of hexaphenylsilole derivatives. <i>Science in China Series B: Chemistry</i> , 2009, 52, 755-759.	0.8	31
83	Functional Polyacetylenes Carrying Mesogenic and Polynuclear Aromatic Pendants: Polymer Synthesis, Hybridization with Carbon Nanotubes, Liquid Crystallinity, Light Emission, and Electrical Conductivity. <i>Macromolecules</i> , 2009, 42, 2523-2531.	2.2	30
84	Reevaluating Protein Photoluminescence: Remarkable Visible Luminescence upon Concentration and Insight into the Emission Mechanism. <i>Angewandte Chemie</i> , 2019, 131, 12797-12803.	1.6	30
85	Highly Efficient Luminescent Liquid Crystal with Aggregation-Induced Energy Transfer. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 3516-3523.	4.0	30
86	Composites of quaternized poly(pyridylacetylene) and silver nanoparticles: Nanocomposite preparation, conductivity and photoinduced patterning. <i>Journal of Materials Chemistry</i> , 2011, 21, 13627.	6.7	28
87	Endoplasmic Reticulum-Targeted Fluorescent Nanodot with Large Stokes Shift for Vesicular Transport Monitoring and Long-Term Bioimaging. <i>Small</i> , 2018, 14, e1800223.	5.2	28
88	Polymorphic Pure Organic Luminogens with Through-Space Conjugation and Persistent Room-Temperature Phosphorescence. <i>Chemistry - an Asian Journal</i> , 2019, 14, 884-889.	1.7	28
89	Phase Behaviors of Side-Chain Liquid Crystalline Polyacetylenes with Different Length of Spacer: Where Will the Decoupling Effect Appear?. <i>Macromolecules</i> , 2015, 48, 2886-2893.	2.2	27
90	D-A structured high efficiency solid luminogens with tunable emissions: Molecular design and photophysical properties. <i>Chinese Chemical Letters</i> , 2017, 28, 2133-2138.	4.8	26

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91	Fabrication of polymeric honeycomb microporous films: breath figures strategy and stabilization of water droplets by fluorinated diblock copolymer micelles. <i>Journal of Materials Science</i> , 2012, 47, 6862-6871.	1.7	25
92	Achieving Hybridized Local and Charge Transfer Excited State and Excellent OLED Performance Through Facile Doping. <i>Advanced Optical Materials</i> , 2017, 5, 1700466.	3.6	25
93	Hybridization of thiol-functionalized poly(phenylacetylene) with cadmium sulfide nanorods: improved miscibility and enhanced photoconductivity. <i>Chemical Communications</i> , 2007, , 1322.	2.2	23
94	Synthesis of Sulfur-Containing Polyacetylenes and Fabrication of Their Hybrids with ZnO Nanoparticles. <i>Macromolecules</i> , 2008, 41, 3874-3883.	2.2	23
95	Chitosan rods reinforced by aligned multiwalled carbon nanotubes via magnetic-field-assistant in situ precipitation. <i>Carbohydrate Polymers</i> , 2011, 84, 1126-1132.	5.1	23
96	Perfluorosulfonate ionomer membranes with improved through-plane proton conductivity fabricated under magnetic field. <i>Journal of Membrane Science</i> , 2012, 423-424, 267-274.	4.1	23
97	Clustering-triggered Emission of Nonaromatic Polymers with Multitype Heteroatoms and Effective Hydrogen Bonding. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 177-182.	1.3	23
98	Aggregation-induced emission of an aminated silole: A fluorescence probe for monitoring layer-by-layer self-assembling processes of polyelectrolytes. <i>Journal of Luminescence</i> , 2009, 129, 19-23.	1.5	22
99	Fluorine-containing block copolymer particles with surface and internal hierarchical microphase separation structures. <i>Soft Matter</i> , 2012, 8, 2471.	1.2	22
100	Surface characteristics and blood compatibility of PVDF/PMMA membranes. <i>Journal of Materials Science</i> , 2012, 47, 5030-5040.	1.7	22
101	Evidence for a crystallite-rich skin on perfluorosulfonate ionomer membranes. <i>RSC Advances</i> , 2013, 3, 8947.	1.7	22
102	Efficient persistent room temperature phosphorescence achieved through Zn ²⁺ doped sodium carboxymethyl cellulose composites. <i>Composites Communications</i> , 2018, 8, 106-110.	3.3	20
103	Hierarchical self-assembly of fluorine-containing diblock copolymer: From onion-like nanospheres to superstructured microspheres. <i>Polymer</i> , 2011, 52, 1191-1196.	1.8	19
104	Unprecedented and Readily Tunable Photoluminescence from Aliphatic Quaternary Ammonium Salts**. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	19
105	High efficiency D-A structured luminogen with aggregation-induced emission and mechanochromic characteristics. <i>Science Bulletin</i> , 2013, 58, 2719-2722.	1.7	18
106	A gelable pure organic luminogen with fluorescence-phosphorescence dual emission. <i>Science China Chemistry</i> , 2017, 60, 806-812.	4.2	18
107	Aggregation-induced phosphorescence and mechanochromic luminescence of a tetraphenylethene-based gold(I) isocyanide complex. <i>Chinese Chemical Letters</i> , 2017, 28, 1300-1305.	4.8	18
108	Polymorphism dependent triplet-involved emissions of a pure organic luminogen. <i>Chinese Chemical Letters</i> , 2019, 30, 933-936.	4.8	18

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109	Robust and color-tunable afterglows from guanidine derivatives. <i>Chemical Communications</i> , 2022, 58, 545-548.	2.2	17
110	Synthesis and Characterization of Polystyrene/Nanosilica Organic-Inorganic Hybrid1. <i>Chemical Research in Chinese Universities</i> , 2006, 22, 797-802.	1.3	16
111	Fluorene- and benzimidazole-based blue light-emitting copolymers: Synthesis, photophysical properties, and PLED applications. <i>Journal of Polymer Science Part A</i> , 2012, 50, 2172-2181.	2.5	14
112	Enhanced stability of PFSA membranes for fuel cells: Combined effect between supercritical carbon dioxide treatment and radical scavenger incorporation. <i>Polymer Degradation and Stability</i> , 2014, 107, 106-112.	2.7	14
113	Towards high-performance hybrid hydrophilic membranes: chemical anchoring of hydroxyl-rich nanoparticles on PVDF membranes via a silane coupling agent. <i>Journal of Materials Science</i> , 2017, 52, 11737-11748.	1.7	12
114	Accessing Tunable Afterglows from Highly Twisted Nonaromatic Organic AIEgens via Effective Through-Space Conjugation. <i>Angewandte Chemie</i> , 2020, 132, 10104-10108.	1.6	12
115	A Novel Approach to Prepare Uniaxially Aligned Nanofibers and Longitudinally Aligned Seamless Tubes Through Electrospinning. <i>Macromolecular Materials and Engineering</i> , 2012, 297, 604-608.	1.7	11
116	A new method to prepare high performance perfluorinated sulfonic acid ionomer/porous expanded polytetrafluoroethylene composite membranes based on perfluorinated sulfonyl fluoride polymer solution. <i>Journal of Power Sources</i> , 2013, 243, 392-395.	4.0	11
117	Systematic stability investigation of perfluorosulfonic acid membranes with varying ion exchange capacities for fuel cell applications. <i>RSC Advances</i> , 2014, 4, 6369.	1.7	11
118	Enabling carbon nanofibers with significantly improved graphitization and homogeneous catalyst deposition for high performance electrocatalysts. <i>Electrochimica Acta</i> , 2015, 152, 383-390.	2.6	11
119	Luminescent halogen clusters. <i>Cell Reports Physical Science</i> , 2022, 3, 100593.	2.8	11
120	Michael Polyaddition Approach Towards Sulfur Enriched Nonaromatic Polymers with Fluorescence-Phosphorescence Dual Emission. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100036.	2.0	10
121	High quality pristine perfluorosulfonated ionomer membranes prepared from perfluorinated sulfonyl fluoride solution. <i>RSC Advances</i> , 2012, 2, 5950.	1.7	9
122	A novel triphenylacrylonitrile based AIEgen for high contrast mechanchromism and bicolor electroluminescence. <i>RSC Advances</i> , 2018, 8, 710-716.	1.7	9
123	Time-Dependent Afterglow from a Single Component Organic Luminogen. <i>Research</i> , 2021, 2021, 9757460.	2.8	9
124	Synthesis of polyelectrolytic polyacetylene derivatives by quaternization of poly(pyridylacetylene). <i>Chinese Journal of Polymer Science (English Edition)</i> , 2011, 29, 133-140.	2.0	8
125	Polymorphism-Dependent Emission of Nonaromatic Luminophores. <i>Acta Chimica Sinica</i> , 2021, 79, 93.	0.5	8
126	Low-molecular-weight polytetrafluoroethylene bearing thermally stable perfluoroalkyl end-groups prepared in supercritical carbon dioxide. <i>Polymer International</i> , 2012, 61, 901-908.	1.6	7

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127	Evaluation of electrospun nanofiber formation of perfluorosulfonic acid and poly (N-vinylpyrrolidone) through solution rheology. <i>Journal of Materials Science</i> , 2011, 46, 7501-7510.	1.7	5
128	Order-order phase transition and transformation in co-assembled particles from fluorinated FA/FB type diblock copolymers. <i>Soft Matter</i> , 2012, 8, 8405.	1.2	5
129	Rheological study on tetrafluoroethylene/hexafluoropropylene copolymer and its implication for processability. <i>Journal of Applied Polymer Science</i> , 2012, 125, 3361-3367.	1.3	5
130	Biocompatibility and anti-cracking performance of perfluorocarboxylic acid ionomer membranes for implantable biosensors. <i>Journal of Materials Science</i> , 2012, 47, 5181-5189.	1.7	5
131	Thermal-mechanical stability of ethylene tetrafluoroethylene alternating copolymer, and modification thereof. <i>Journal of Polymer Research</i> , 2012, 19, 1.	1.2	5
132	Copolymerizations of tetrafluoroethylene and perfluoropropylvinyl ether in supercritical carbon dioxide: Polymer synthesis, characterization, and thermal properties. <i>Journal of Applied Polymer Science</i> , 2012, 124, 1785-1795.	1.3	5
133	Properties of precursor solution cast PFSI membranes with various ion exchange capacities and annealing temperatures. <i>RSC Advances</i> , 2013, 3, 7289.	1.7	5
134	Pure Organic Luminogens with Room Temperature Phosphorescence. <i>ACS Symposium Series</i> , 2016, , 1-26.	0.5	5
135	Unprecedented and Readily Tunable Photoluminescence from Aliphatic Quaternary Ammonium Salts**. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	5
136	Synthesis and properties of poly(1-phenyl-1-octyne)s containing stereogenic and chromophoric pendant groups. <i>Science in China Series B: Chemistry</i> , 2009, 52, 1691-1702.	0.8	4
137	Melt rheological properties of ETFE: an attempt to illuminate the fluorine-substitution effect. <i>Polymer Bulletin</i> , 2012, 69, 375-388.	1.7	4
138	Enhancing the anti-cracking performance of perfluorosulfonic acid membranes for implantable biosensors through supercritical CO ₂ treatment. <i>Journal of Materials Science</i> , 2012, 47, 3602-3606.	1.7	4
139	Tetrafluoroethylene Copolymers with Sulfonyl Fluoride Pendants: Syntheses in Supercritical Carbon Dioxide, Polymerization Behaviors, and Properties. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 1497-1509.	1.1	3
140	Thermally Induced Transfiguration of Polymer Nanowires under Irradiation of Electron Beams. <i>Journal of Physical Chemistry C</i> , 2009, 113, 14623-14627.	1.5	2
141	Radical homopolymerization of tetrafluoroethylene initiated by perfluorodiacyl peroxide in supercritical carbon dioxide: Reaction mechanism and initiation kinetics. <i>European Polymer Journal</i> , 2012, 48, 1431-1438.	2.6	2
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144	SYNTHESIS AND CHARACTERIZATION OF A POLYPHENYLACETYLENE WITH DENDRON PENDANTS. <i>Acta Polymerica Sinica</i> , 2009, 009, 293-297.	0.0	1

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