

# Wang-Zhang Yuan

## List of Publications by Citations

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145  
papers

10,175  
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51  
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155  
ext. papers

11,858  
ext. citations

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avg, IF

6.29  
L-index

#	Paper	IF	Citations
145	Changing the behavior of chromophores from aggregation-caused quenching to aggregation-induced emission: development of highly efficient light emitters in the solid state. <i>Advanced Materials</i> , <b>2010</b> , 22, 2159-63	24	723
144	Crystallization-Induced Phosphorescence of Pure Organic Luminogens at Room Temperature. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 6090-6099	3.8	584
143	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> , <b>2012</b> , 22, 771-779	15.6	545
142	Achieving Persistent Room Temperature Phosphorescence and Remarkable Mechanochromism from Pure Organic Luminogens. <i>Advanced Materials</i> , <b>2015</b> , 27, 6195-201	24	422
141	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> , <b>2012</b> , 24, 1518-1528	9.6	418
140	Restriction of intramolecular motions: the general mechanism behind aggregation-induced emission. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 15349-53	4.8	386
139	Synergy between twisted conformation and effective intermolecular interactions: strategy for efficient mechanochromic luminogens with high contrast. <i>Advanced Materials</i> , <b>2013</b> , 25, 2837-43	24	366
138	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> , <b>2013</b> , 117, 7334-7347	3.8	328
137	Crystallization-induced dual emission from metal- and heavy atom-free aromatic acids and esters. <i>Chemical Science</i> , <b>2015</b> , 6, 4438-4444	9.4	266
136	Hyperbranched polytriazoles with high molecular compressibility: aggregation-induced emission and superamplified explosive detection. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 4056		256
135	Twisted D-πA solid emitters: efficient emission and high contrast mechanochromism. <i>Chemical Communications</i> , <b>2013</b> , 49, 4009-11	5.8	212
134	Clusterization-triggered emission: Uncommon luminescence from common materials. <i>Materials Today</i> , <b>2020</b> , 32, 275-292	21.8	206
133	Clustering-Triggered Emission of Nonconjugated Polyacrylonitrile. <i>Small</i> , <b>2016</b> , 12, 6586-6592	11	183
132	Conjugation-Induced Rigidity in Twisting Molecules: Filling the Gap Between Aggregation-Caused Quenching and Aggregation-Induced Emission. <i>Advanced Materials</i> , <b>2015</b> , 27, 4496-4501	24	178
131	Achieving Persistent, Efficient, and Robust Room-Temperature Phosphorescence from Pure Organics for Versatile Applications. <i>Advanced Materials</i> , <b>2019</b> , 31, e1807222	24	175
130	Nonconventional macromolecular luminogens with aggregation-induced emission characteristics. <i>Journal of Polymer Science Part A</i> , <b>2017</b> , 55, 560-574	2.5	158
129	Wrapping Carbon Nanotubes in Pyrene-Containing Poly(phenylacetylene) Chains: Solubility, Stability, Light Emission, and Surface Photovoltaic Properties. <i>Macromolecules</i> , <b>2006</b> , 39, 8011-8020	5.5	152

128	Clustering-Triggered Emission and Persistent Room Temperature Phosphorescence of Sodium Alginate. <i>Biomacromolecules</i> , <b>2018</b> , 19, 2014-2022	6.9	149
127	Room temperature phosphorescence from natural products: Crystallization matters. <i>Science China Chemistry</i> , <b>2013</b> , 56, 1178-1182	7.9	142
126	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> , <b>2010</b> , 16, 8433-8	4.8	138
125	Prevalent intrinsic emission from nonaromatic amino acids and poly(amino acids). <i>Science China Chemistry</i> , <b>2018</b> , 61, 351-359	7.9	131
124	Towards high efficiency solid emitters with aggregation-induced emission and electron-transport characteristics. <i>Chemical Communications</i> , <b>2011</b> , 47, 11216-8	5.8	131
123	A fluorescent thermometer operating in aggregation-induced emission mechanism: probing thermal transitions of PNIPAM in water. <i>Chemical Communications</i> , <b>2009</b> , 4974-6	5.8	130
122	Fumaronitrile-Based Fluorogen: Red to Near-Infrared Fluorescence, Aggregation-Induced Emission, Solvatochromism, and Twisted Intramolecular Charge Transfer. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 10541-10547	3.8	125
121	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> , <b>2009</b> , 42, 9400-9411	5.5	116
120	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> , <b>2012</b> , 3, 549-558	9.4	111
119	D <sub>A</sub> Solid Emitter with Crowded and Remarkably Twisted Conformations Exhibiting Multifunctionality and Multicolor Mechanochromism. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 10998-11005	3.8	105
118	High efficiency luminescent liquid crystal: aggregation-induced emission strategy and biaxially oriented mesomorphic structure. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 3323		105
117	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> , <b>2015</b> , 33, 680-687	3.5	104
116	Reevaluating Protein Photoluminescence: Remarkable Visible Luminescence upon Concentration and Insight into the Emission Mechanism. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 12667-12673	16.4	93
115	Emission mechanism understanding and tunable persistent room temperature phosphorescence of amorphous nonaromatic polymers. <i>Materials Chemistry Frontiers</i> , <b>2019</b> , 3, 257-264	7.8	91
114	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> , <b>2008</b> , 41, 701-707	5.5	91
113	Disubstituted Polyacetylenes Containing Photopolymerizable Vinyl Groups and Polar Ester Functionality: Polymer Synthesis, Aggregation-Enhanced Emission, and Fluorescent Pattern Formation. <i>Macromolecules</i> , <b>2007</b> , 40, 3159-3166	5.5	91
112	Aggregation-Induced Emission in a Hyperbranched Poly(silylenevinylene) and Superamplification in Its Emission Quenching by Explosives. <i>Macromolecular Rapid Communications</i> , <b>2010</b> , 31, 834-9	4.8	86
111	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> , <b>2015</b> , 3, 112-120	7.1	81

110	Emission and Emissive Mechanism of Nonaromatic Oxygen Clusters. <i>Macromolecular Rapid Communications</i> , <b>2018</b> , 39, e1800528	4.8	80
109	High Solid-State Efficiency Fluorescent Main Chain Liquid Crystalline Polytriazoles with Aggregation-Induced Emission Characteristics. <i>Macromolecules</i> , <b>2011</b> , 44, 9618-9628	5.5	75
108	A clustering-triggered emission strategy for tunable multicolor persistent phosphorescence. <i>Chemical Science</i> , <b>2020</b> , 11, 2926-2933	9.4	65
107	Crystallization-induced phosphorescence of pure organic luminogens. <i>Chinese Chemical Letters</i> , <b>2016</b> , 27, 1184-1192	8.1	64
106	Hybrids of Triphenylamine-Functionalized Polyacetylenes and Multiwalled Carbon Nanotubes: High Solubility, Strong Donor-Acceptor Interaction, and Excellent Photoconductivity. <i>Macromolecules</i> , <b>2008</b> , 41, 8566-8574	5.5	63
105	Construction of soft porous crystal with silole derivative: strategy of framework design, multiple structural transformability and mechanofluorochromism. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 4290-4298		62
104	Crystallization-induced phosphorescence of benzils at room temperature. <i>Science China Chemistry</i> , <b>2013</b> , 56, 1183-1186	7.9	61
103	Synthesis and self-assembly of tetraphenylethene and biphenyl based AIE-active triazoles. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 10472		59
102	Synthesis, clustering-triggered emission, explosive detection and cell imaging of nonaromatic polyurethanes. <i>Molecular Systems Design and Engineering</i> , <b>2018</b> , 3, 364-375	4.6	58
101	Accessing Tunable Afterglows from Highly Twisted Nonaromatic Organic AIEgens via Effective Through-Space Conjugation. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 10018-10022	16.4	57
100	Color-Tunable, Excitation-Dependent, and Time-Dependent Afterglows from Pure Organic Amorphous Polymers. <i>Advanced Materials</i> , <b>2020</b> , 32, e2004768	24	56
99	Covalent immobilization of aggregation-induced emission luminogens in silica nanoparticles through click reaction. <i>Small</i> , <b>2011</b> , 7, 1448-55	11	55
98	Influences of processing methods and chemical treatments on fracture toughness of halloysite/epoxy composites. <i>Materials &amp; Design</i> , <b>2012</b> , 42, 471-477		53
97	AIE-active, highly thermally and morphologically stable, mechanochromic and efficient solid emitters for low color temperature OLEDs. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 7552-7560	7.1	52
96	Conjugated hyperbranched poly(aryleneethynylene)s: synthesis, photophysical properties, superquenching by explosive, photopatternability, and tunable high refractive indices. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 2847-56	4.8	52
95	Clustering-triggered Emission of Cellulose and Its Derivatives. <i>Chinese Journal of Polymer Science (English Edition)</i> , <b>2019</b> , 37, 409-415	3.5	51
94	Aggregation-Induced Dual Emission and Unusual Luminescence beyond Excimer Emission of Poly(ethylene terephthalate). <i>Macromolecules</i> , <b>2018</b> , 51, 9035-9042	5.5	50
93	High hole mobility of 1,2-bis[4F(diphenylamino)biphenyl-4-yl]-1,2-diphenylethene in field effect transistor. <i>Chemical Communications</i> , <b>2011</b> , 47, 6924-6	5.8	46

92	Regioselective Alkyne Polyhydrosilylation: Synthesis and Photonic Properties of Poly(silylenevinylene)s. <i>Macromolecules</i> , <b>2011</b> , 44, 5977-5986	5.5	44
91	Thiol-Bromo click polymerization for multifunctional polymers: synthesis, light refraction, aggregation-induced emission and explosive detection. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 97-105	4.9	43
90	Induced Chain Alignment, Efficient Energy Transfer, and Enhanced Light Emission in Functional Polyacetylene/Perovskite Hybrids. <i>Macromolecules</i> , <b>2005</b> , 38, 8127-8130	5.5	42
89	Functionalization of Disubstituted Polyacetylenes through Polymer Reactions: Syntheses of Functional Poly(1-phenyl-1-alkyne)s. <i>Macromolecules</i> , <b>2006</b> , 39, 467-469	5.5	41
88	Sulphur-containing nonaromatic polymers: clustering-triggered emission and luminescence regulation by oxidation. <i>Polymer Chemistry</i> , <b>2019</b> , 10, 3639-3646	4.9	40
87	1-((12-Bromododecyl)oxy)-4-((4-(4-pentylcyclohexyl)phenyl)ethynyl) benzene: Liquid crystal with aggregation-induced emission characteristics. <i>Science China Chemistry</i> , <b>2013</b> , 56, 1191-1196	7.9	39
86	Direct Polymerization of Highly Polar Acetylene Derivatives and Facile Fabrication of Nanoparticle-Decorated Carbon Nanotubes. <i>Macromolecules</i> , <b>2009</b> , 42, 52-61	5.5	37
85	Processable hybrids of ferrocene-containing poly(phenylacetylene)s and carbon nanotubes: fabrication and properties. <i>Journal of Physical Chemistry B</i> , <b>2008</b> , 112, 8896-905	3.4	37
84	Functional perovskite hybrid of polyacetylene ammonium and lead bromide: Synthesis, light emission, and fluorescence imaging. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 21701-9	3.4	37
83	Nonconventional luminophores with unprecedented efficiencies and color-tunable afterglows. <i>Materials Horizons</i> , <b>2020</b> , 7, 2105-2112	14.4	36
82	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> , <b>2009</b> , 47, 4995-5005	2.5	34
81	Nonconventional luminophores: characteristics, advancements and perspectives. <i>Chemical Society Reviews</i> , <b>2021</b> , 50, 12616-12655	58.5	34
80	Intrinsic Luminescence from Nonaromatic Biomolecules. <i>ChemPlusChem</i> , <b>2020</b> , 85, 1065-1080	2.8	33
79	Graphene nanoribbons as a novel support material for high performance fuel cell electrocatalysts. <i>International Journal of Hydrogen Energy</i> , <b>2013</b> , 38, 13230-13237	6.7	32
78	Pure Organic Persistent Room-Temperature Phosphorescence at both Crystalline and Amorphous States. <i>ChemPhysChem</i> , <b>2018</b> , 19, 2389-2396	3.2	32
77	Graphene nanoribbons hybridized carbon nanofibers: remarkably enhanced graphitization and conductivity, and excellent performance as support material for fuel cell catalysts. <i>Nanoscale</i> , <b>2014</b> , 6, 1377-83	7.7	31
76	Rational bridging affording luminogen with AIE features and high field effect mobility. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 4903-4909	7.1	30
75	Enhanced chemical durability of perfluorosulfonic acid membranes through incorporation of terephthalic acid as radical scavenger. <i>Journal of Membrane Science</i> , <b>2013</b> , 432, 66-72	9.6	30

74	Clustering-Triggered Emission of Poly(N-hydroxysuccinimide Methacrylate). <i>Acta Chimica Sinica</i> , <b>2016</b> , 74, 935	3.3	30
73	Functional Polyacetylenes Carrying Mesogenic and Polynuclear Aromatic Pendants: Polymer Synthesis, Hybridization with Carbon Nanotubes, Liquid Crystallinity, Light Emission, and Electrical Conductivity. <i>Macromolecules</i> , <b>2009</b> , 42, 2523-2531	5.5	29
72	Composites of quaternized poly(pyridylacetylene) and silver nanoparticles: Nanocomposite preparation, conductivity and photoinduced patterning. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 13627		27
71	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> , <b>2009</b> , 52, 755-759		27
70	Perfluorinated sulfonic acid ionomer/poly(N-vinylpyrrolidone) nanofiber membranes: Electrospinning fabrication, water stability, and metal ion removal applications. <i>Reactive and Functional Polymers</i> , <b>2011</b> , 71, 1102-1109	4.6	26
69	Hydrogen bonding boosted the persistent room temperature phosphorescence of pure organic compounds for multiple applications. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 9095-9101	7.1	25
68	Clustering-Triggered Efficient Room-Temperature Phosphorescence from Nonconventional Luminophores. <i>ChemPhysChem</i> , <b>2020</b> , 21, 36-42	3.2	25
67	Crystallization-Induced Red Phosphorescence and Grinding-Induced Blue-Shifted Emission of a Benzobis(1,2,5-thiadiazole)-Thiophene Conjugate. <i>ACS Omega</i> , <b>2019</b> , 4, 344-351	3.9	25
66	Synthesis of Sulfur-Containing Polyacetylenes and Fabrication of Their Hybrids with ZnO Nanoparticles. <i>Macromolecules</i> , <b>2008</b> , 41, 3874-3883	5.5	23
65	Highly Efficient Luminescent Liquid Crystal with Aggregation-Induced Energy Transfer. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 3516-3523	9.5	23
64	D-A structured high efficiency solid luminogens with tunable emissions: Molecular design and photophysical properties. <i>Chinese Chemical Letters</i> , <b>2017</b> , 28, 2133-2138	8.1	22
63	Fluorine-containing block copolymer particles with surface and internal hierarchical microphase separation structures. <i>Soft Matter</i> , <b>2012</b> , 8, 2471	3.6	22
62	Chitosan rods reinforced by aligned multiwalled carbon nanotubes via magnetic-field-assistant in situ precipitation. <i>Carbohydrate Polymers</i> , <b>2011</b> , 84, 1126-1132	10.3	22
61	Hybridization of thiol-functionalized poly(phenylacetylene) with cadmium sulfide nanorods: improved miscibility and enhanced photoconductivity. <i>Chemical Communications</i> , <b>2007</b> , 1322-4	5.8	22
60	Polymorphic Pure Organic Luminogens with Through-Space Conjugation and Persistent Room-Temperature Phosphorescence. <i>Chemistry - an Asian Journal</i> , <b>2019</b> , 14, 884-889	4.5	22
59	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> , <b>2012</b> , 47, 6862-6871	4.3	21
58	Effective Internal and External Modulation of Nontraditional Intrinsic Luminescence. <i>Small</i> , <b>2020</b> , 16, e2005035	11	20
57	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> , <b>2009</b> , 129, 19-23	3.8	20

56	Crystallization-induced phosphorescence, remarkable mechanochromism, and grinding enhanced emission of benzophenone-aromatic amine conjugates. <i>Chinese Chemical Letters</i> , <b>2018</b> , 29, 1533-1536	8.1	19
55	Surface characteristics and blood compatibility of PVDF/PMMA membranes. <i>Journal of Materials Science</i> , <b>2012</b> , 47, 5030-5040	4.3	19
54	Phase Behaviors of Side-Chain Liquid Crystalline Polyacetylenes with Different Length of Spacer: Where Will the Decoupling Effect Appear?. <i>Macromolecules</i> , <b>2015</b> , 48, 2886-2893	5.5	18
53	Achieving Hybridized Local and Charge-Transfer Excited State and Excellent OLED Performance Through Facile Doping. <i>Advanced Optical Materials</i> , <b>2017</b> , 5, 1700466	8.1	18
52	Evidence for a crystallite-rich skin on perfluorosulfonate ionomer membranes. <i>RSC Advances</i> , <b>2013</b> , 3, 8947	3.7	17
51	Hierarchical self-assembly of fluorine-containing diblock copolymer: From onion-like nanospheres to superstructured microspheres. <i>Polymer</i> , <b>2011</b> , 52, 1191-1196	3.9	17
50	Clustering-Triggered Emission and Luminescence Regulation by Molecular Arrangement of Nonaromatic Polyamide-6. <i>Journal of Physical Chemistry B</i> , <b>2020</b> , 124, 8928-8936	3.4	17
49	Endoplasmic Reticulum-Targeted Fluorescent Nanodot with Large Stokes Shift for Vesicular Transport Monitoring and Long-Term Bioimaging. <i>Small</i> , <b>2018</b> , 14, e1800223	11	17
48	A gelable pure organic luminogen with fluorescence-phosphorescence dual emission. <i>Science China Chemistry</i> , <b>2017</b> , 60, 806-812	7.9	16
47	Reevaluating Protein Photoluminescence: Remarkable Visible Luminescence upon Concentration and Insight into the Emission Mechanism. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 12797-12803	3.6	15
46	High efficiency D-A structured luminogen with aggregation-induced emission and mechanochromic characteristics. <i>Science Bulletin</i> , <b>2013</b> , 58, 2719-2722		15
45	Perfluorosulfonate ionomer membranes with improved through-plane proton conductivity fabricated under magnetic field. <i>Journal of Membrane Science</i> , <b>2012</b> , 423-424, 267-274	9.6	15
44	Efficient persistent room temperature phosphorescence achieved through Zn <sup>2+</sup> doped sodium carboxymethyl cellulose composites. <i>Composites Communications</i> , <b>2018</b> , 8, 106-110	6.7	15
43	Synthesis and Characterization of Polystyrene/Nanosilica Organic-Inorganic Hybrid1. <i>Chemical Research in Chinese Universities</i> , <b>2006</b> , 22, 797-802	2.2	14
42	Polymorphism dependent triplet-involved emissions of a pure organic luminogen. <i>Chinese Chemical Letters</i> , <b>2019</b> , 30, 933-936	8.1	13
41	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> , <b>2014</b> , 107, 106-112	4.7	13
40	Fluorene- and benzimidazole-based blue light-emitting copolymers: Synthesis, photophysical properties, and PLED applications. <i>Journal of Polymer Science Part A</i> , <b>2012</b> , 50, 2172-2181	2.5	13
39	Aggregation-induced phosphorescence and mechanochromic luminescence of a tetraphenylethene-based gold(I) isocyanide complex. <i>Chinese Chemical Letters</i> , <b>2017</b> , 28, 1300-1305	8.1	12

38	Enabling carbon nanofibers with significantly improved graphitization and homogeneous catalyst deposition for high performance electrocatalysts. <i>Electrochimica Acta</i> , <b>2015</b> , 152, 383-390	6.7	10
37	Systematic stability investigation of perfluorosulfonic acid membranes with varying ion exchange capacities for fuel cell applications. <i>RSC Advances</i> , <b>2014</b> , 4, 6369	3.7	10
36	A novel triphenylacrylonitrile based AIEgen for high contrast mechanchromism and bicolor electroluminescence.. <i>RSC Advances</i> , <b>2018</b> , 8, 710-716	3.7	9
35	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> , <b>2013</b> , 243, 392-395	8.9	9
34	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> , <b>2017</b> , 52, 11737-11748	4.3	9
33	High quality pristine perfluorosulfonated ionomer membranes prepared from perfluorinated sulfonyl fluoride solution. <i>RSC Advances</i> , <b>2012</b> , 2, 5950	3.7	9
32	Clustering and halogen effects enabled red/near-infrared room temperature phosphorescence from aliphatic cyclic imides.. <i>Nature Communications</i> , <b>2022</b> , 13, 2658	17.4	9
31	A Novel Approach to Prepare Uniaxially Aligned Nanofibers and Longitudinally Aligned Seamless Tubes Through Electrospinning. <i>Macromolecular Materials and Engineering</i> , <b>2012</b> , 297, 604-608	3.9	8
30	Synthesis of polyelectrolytic polyacetylene derivatives by quaternization of poly(pyridylacetylene). <i>Chinese Journal of Polymer Science (English Edition)</i> , <b>2011</b> , 29, 133-140	3.5	8
29	Accessing Tunable Afterglows from Highly Twisted Nonaromatic Organic AIEgens via Effective Through-Space Conjugation. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 10104-10108	3.6	7
28	Properties of precursor solution cast PFSI membranes with various ion exchange capacities and annealing temperatures. <i>RSC Advances</i> , <b>2013</b> , 3, 7289	3.7	5
27	Order-order phase transition and transformation in co-assembled particles from fluorinated FA/FB type diblock copolymers. <i>Soft Matter</i> , <b>2012</b> , 8, 8405	3.6	5
26	Rheological study on tetrafluoroethylene/hexafluoropropylene copolymer and its implication for processability. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 125, 3361-3367	2.9	5
25	Biocompatibility and anti-cracking performance of perfluorocarboxylic acid ionomer membranes for implantable biosensors. <i>Journal of Materials Science</i> , <b>2012</b> , 47, 5181-5189	4.3	5
24	Evaluation of electrospun nanofiber formation of perfluorosulfonic acid and poly (N-vinylpyrrolidone) through solution rheology. <i>Journal of Materials Science</i> , <b>2011</b> , 46, 7501-7510	4.3	5
23	Pure Organic Luminogens with Room Temperature Phosphorescence. <i>ACS Symposium Series</i> , <b>2016</b> , 1-26	0.4	4
22	Copolymerizations of tetrafluoroethylene and perfluoropropylvinyl ether in supercritical carbon dioxide: Polymer synthesis, characterization, and thermal properties. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 124, 1785-1795	2.9	4
21	Enhancing the anti-cracking performance of perfluorosulfonic acid membranes for implantable biosensors through supercritical CO <sub>2</sub> treatment. <i>Journal of Materials Science</i> , <b>2012</b> , 47, 3602-3606	4.3	4



20	Low-molecular-weight polytetrafluoroethylene bearing thermally stable perfluoroalkyl end-groups prepared in supercritical carbon dioxide. <i>Polymer International</i> , <b>2012</b> , 61, 901-908	3.3	4
19	Thermal-mechanical stability of ethylene tetrafluoroethylene alternating copolymer, and modification thereof. <i>Journal of Polymer Research</i> , <b>2012</b> , 19, 1	2.7	4
18	Melt rheological properties of ETFE: an attempt to illuminate the fluorine-substitution effect. <i>Polymer Bulletin</i> , <b>2012</b> , 69, 375-388	2.4	4
17	Clustering-triggered Emission of Nonaromatic Polymers with Multitype Heteroatoms and Effective Hydrogen Bonding. <i>Chemical Research in Chinese Universities</i> , <b>2021</b> , 37, 177-182	2.2	4
16	Tetrafluoroethylene Copolymers with Sulfonyl Fluoride Pendants: Syntheses in Supercritical Carbon Dioxide, Polymerization Behaviors, and Properties. <i>Macromolecular Chemistry and Physics</i> , <b>2011</b> , 212, 1497-1509	2.6	3
15	Synthesis and properties of poly(1-phenyl-1-octyne)s containing stereogenic and chromophoric pendant groups. <i>Science in China Series B: Chemistry</i> , <b>2009</b> , 52, 1691-1702		3
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13	Radical homopolymerization of tetrafluoroethylene initiated by perfluorodiacyl peroxide in supercritical carbon dioxide: Reaction mechanism and initiation kinetics. <i>European Polymer Journal</i> , <b>2012</b> , 48, 1431-1438	5.2	2
12	Crystallization-Induced Phosphorescence for Purely Organic Phosphors at Room Temperature and Liquid Crystals with Aggregation-Induced Emission Characteristics <b>2013</b> , 43-60		2
11	Thermally Induced Transfiguration of Polymer Nanowires under Irradiation of Electron Beams. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 14623-14627	3.8	2
10	Michael Polyaddition Approach Towards Sulfur Enriched Nonaromatic Polymers with Fluorescence-Phosphorescence Dual Emission. <i>Macromolecular Rapid Communications</i> , <b>2021</b> , 42, e2100036	4.8	2
9	SYNTHESIS AND CHARACTERIZATION OF A POLYPHENYLACETYLENE WITH DENDRON PENDANTS. <i>Acta Polymerica Sinica</i> , <b>2009</b> , 009, 293-297		1
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