

Wang-Zhang Yuan

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/641269/wang-zhang-yuan-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

145
papers

10,175
citations

51
h-index

99
g-index

155
ext. papers

11,858
ext. citations

7.3
avg, IF

6.29
L-index

#	Paper	IF	Citations
145	Room-temperature Phosphorescence of Pure Organics 2022 , 371-410		
144	Clustering and halogen effects enabled red/near-infrared room temperature phosphorescence from aliphatic cyclic imides.. <i>Nature Communications</i> , 2022 , 13, 2658	17.4	9
143	Nonconventional luminophores: characteristics, advancements and perspectives. <i>Chemical Society Reviews</i> , 2021 , 50, 12616-12655	58.5	34
142	Michael Polyaddition Approach Towards Sulfur Enriched Nonaromatic Polymers with Fluorescence-Phosphorescence Dual Emission. <i>Macromolecular Rapid Communications</i> , 2021 , 42, e2100036	4.8	2
141	Clustering-triggered Emission of Nonaromatic Polymers with Multitype Heteroatoms and Effective Hydrogen Bonding. <i>Chemical Research in Chinese Universities</i> , 2021 , 37, 177-182	2.2	4
140	Polymorphism-Dependent Emission of Nonaromatic Luminophores. <i>Acta Chimica Sinica</i> , 2021 , 79, 93	3.3	3
139	Metal-Organic Framework for Efficient Electron Injection. <i>Advanced Optical Materials</i> , 2021 , 9, 2002053	8.1	1
138	Time-Dependent Afterglow from a Single Component Organic Luminogen. <i>Research</i> , 2021 , 2021, 97574608	6.0	0
137	Luminescent halogen clusters. <i>Cell Reports Physical Science</i> , 2021 , 100593	6.1	1
136	Effective Internal and External Modulation of Nontraditional Intrinsic Luminescence. <i>Small</i> , 2020 , 16, e2005035	11	20
135	Nonconventional luminophores with unprecedented efficiencies and color-tunable afterglows. <i>Materials Horizons</i> , 2020 , 7, 2105-2112	14.4	36
134	Intrinsic Luminescence from Nonaromatic Biomolecules. <i>ChemPlusChem</i> , 2020 , 85, 1065-1080	2.8	33
133	Accessing Tunable Afterglows from Highly Twisted Nonaromatic Organic AIEgens via Effective Through-Space Conjugation. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 10018-10022	16.4	57
132	Accessing Tunable Afterglows from Highly Twisted Nonaromatic Organic AIEgens via Effective Through-Space Conjugation. <i>Angewandte Chemie</i> , 2020 , 132, 10104-10108	3.6	7
131	A clustering-triggered emission strategy for tunable multicolor persistent phosphorescence. <i>Chemical Science</i> , 2020 , 11, 2926-2933	9.4	65
130	Clustering-Triggered Efficient Room-Temperature Phosphorescence from Nonconventional Luminophores. <i>ChemPhysChem</i> , 2020 , 21, 36-42	3.2	25
129	Color-Tunable, Excitation-Dependent, and Time-Dependent Afterglows from Pure Organic Amorphous Polymers. <i>Advanced Materials</i> , 2020 , 32, e2004768	24	56

128	Clustering-Triggered Emission and Luminescence Regulation by Molecular Arrangement of Nonaromatic Polyamide-6. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 8928-8936	3.4	17
127	Clusterization-triggered emission: Uncommon luminescence from common materials. <i>Materials Today</i> , 2020 , 32, 275-292	21.8	206
126	Emission mechanism understanding and tunable persistent room temperature phosphorescence of amorphous nonaromatic polymers. <i>Materials Chemistry Frontiers</i> , 2019 , 3, 257-264	7.8	91
125	Clustering-triggered Emission of Cellulose and Its Derivatives. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2019 , 37, 409-415	3.5	51
124	Reevaluating Protein Photoluminescence: Remarkable Visible Luminescence upon Concentration and Insight into the Emission Mechanism. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 12667-12673	16.4	93
123	Sulphur-containing nonaromatic polymers: clustering-triggered emission and luminescence regulation by oxidation. <i>Polymer Chemistry</i> , 2019 , 10, 3639-3646	4.9	40
122	Polymorphism dependent triplet-involved emissions of a pure organic luminogen. <i>Chinese Chemical Letters</i> , 2019 , 30, 933-936	8.1	13
121	Achieving Persistent, Efficient, and Robust Room-Temperature Phosphorescence from Pure Organics for Versatile Applications. <i>Advanced Materials</i> , 2019 , 31, e1807222	24	175
120	Reevaluating Protein Photoluminescence: Remarkable Visible Luminescence upon Concentration and Insight into the Emission Mechanism. <i>Angewandte Chemie</i> , 2019 , 131, 12797-12803	3.6	15
119	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	7.1	25
118	Polymorphic Pure Organic Luminogens with Through-Space Conjugation and Persistent Room-Temperature Phosphorescence. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 884-889	4.5	22
117	Highly Efficient Luminescent Liquid Crystal with Aggregation-Induced Energy Transfer. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 3516-3523	9.5	23
116	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	3.9	25
115	A novel triphenylacrylonitrile based AIEgen for high contrast mechanchromism and bicolor electroluminescence.. <i>RSC Advances</i> , 2018 , 8, 710-716	3.7	9
114	Synthesis, clustering-triggered emission, explosive detection and cell imaging of nonaromatic polyurethanes. <i>Molecular Systems Design and Engineering</i> , 2018 , 3, 364-375	4.6	58
113	Clustering-Triggered Emission and Persistent Room Temperature Phosphorescence of Sodium Alginate. <i>Biomacromolecules</i> , 2018 , 19, 2014-2022	6.9	149
112	Prevalent intrinsic emission from nonaromatic amino acids and poly(amino acids). <i>Science China Chemistry</i> , 2018 , 61, 351-359	7.9	131
111	Crystallization-induced phosphorescence, remarkable mechanochromism, and grinding enhanced emission of benzophenone-aromatic amine conjugates. <i>Chinese Chemical Letters</i> , 2018 , 29, 1533-1536	8.1	19

110	Aggregation-Induced Dual Emission and Unusual Luminescence beyond Excimer Emission of Poly(ethylene terephthalate). <i>Macromolecules</i> , 2018 , 51, 9035-9042	5.5	50
109	Emission and Emissive Mechanism of Nonaromatic Oxygen Clusters. <i>Macromolecular Rapid Communications</i> , 2018 , 39, e1800528	4.8	80
108	Endoplasmic Reticulum-Targeted Fluorescent Nanodot with Large Stokes Shift for Vesicular Transport Monitoring and Long-Term Bioimaging. <i>Small</i> , 2018 , 14, e1800223	11	17
107	Pure Organic Persistent Room-Temperature Phosphorescence at both Crystalline and Amorphous States. <i>ChemPhysChem</i> , 2018 , 19, 2389-2396	3.2	32
106	Efficient persistent room temperature phosphorescence achieved through Zn ²⁺ doped sodium carboxymethyl cellulose composites. <i>Composites Communications</i> , 2018 , 8, 106-110	6.7	15
105	A gelable pure organic luminogen with fluorescence-phosphorescence dual emission. <i>Science China Chemistry</i> , 2017 , 60, 806-812	7.9	16
104	Aggregation-induced phosphorescence and mechanochromic luminescence of a tetraphenylethene-based gold(I) isocyanide complex. <i>Chinese Chemical Letters</i> , 2017 , 28, 1300-1305	8.1	12
103	D-A structured high efficiency solid luminogens with tunable emissions: Molecular design and photophysical properties. <i>Chinese Chemical Letters</i> , 2017 , 28, 2133-2138	8.1	22
102	Achieving Hybridized Local and Charge-Transfer Excited State and Excellent OLED Performance Through Facile Doping. <i>Advanced Optical Materials</i> , 2017 , 5, 1700466	8.1	18
101	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	4.3	9
100	Nonconventional macromolecular luminogens with aggregation-induced emission characteristics. <i>Journal of Polymer Science Part A</i> , 2017 , 55, 560-574	2.5	158
99	Pure Organic Luminogens with Room Temperature Phosphorescence. <i>ACS Symposium Series</i> , 2016 , 1-26	0.4	4
98	Crystallization-induced phosphorescence of pure organic luminogens. <i>Chinese Chemical Letters</i> , 2016 , 27, 1184-1192	8.1	64
97	Clustering-Triggered Emission of Poly(N-hydroxysuccinimide Methacrylate). <i>Acta Chimica Sinica</i> , 2016 , 74, 935	3.3	30
96	Clustering-Triggered Emission of Nonconjugated Polyacrylonitrile. <i>Small</i> , 2016 , 12, 6586-6592	11	183
95	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	5.5	18
94	Thiol-Bromo click polymerization for multifunctional polymers: synthesis, light refraction, aggregation-induced emission and explosive detection. <i>Polymer Chemistry</i> , 2015 , 6, 97-105	4.9	43
93	Crystallization-induced dual emission from metal- and heavy atom-free aromatic acids and esters. <i>Chemical Science</i> , 2015 , 6, 4438-4444	9.4	266

92	Enabling carbon nanofibers with significantly improved graphitization and homogeneous catalyst deposition for high performance electrocatalysts. <i>Electrochimica Acta</i> , 2015 , 152, 383-390	6.7	10
91	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	3.5	104
90	Rational bridging affording luminogen with AIE features and high field effect mobility. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 4903-4909	7.1	30
89	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	7.1	81
88	Conjugation-Induced Rigidity in Twisting Molecules: Filling the Gap Between Aggregation-Caused Quenching and Aggregation-Induced Emission. <i>Advanced Materials</i> , 2015 , 27, 4496-4501	24	178
87	Achieving Persistent Room Temperature Phosphorescence and Remarkable Mechanochromism from Pure Organic Luminogens. <i>Advanced Materials</i> , 2015 , 27, 6195-201	24	422
86	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, 1377-83	7.7	31
85	Systematic stability investigation of perfluorosulfonic acid membranes with varying ion exchange capacities for fuel cell applications. <i>RSC Advances</i> , 2014 , 4, 6369	3.7	10
84	D _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	3.8	108
83	Restriction of intramolecular motions: the general mechanism behind aggregation-induced emission. <i>Chemistry - A European Journal</i> , 2014 , 20, 15349-53	4.8	386
82	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	7.1	52
81	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	4.7	13
80	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	9.6	30
79	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	7.9	39
78	Room temperature phosphorescence from natural products: Crystallization matters. <i>Science China Chemistry</i> , 2013 , 56, 1178-1182	7.9	142
77	Crystallization-induced phosphorescence of benzils at room temperature. <i>Science China Chemistry</i> , 2013 , 56, 1183-1186	7.9	61
76	High efficiency D-A structured luminogen with aggregation-induced emission and mechanochromic characteristics. <i>Science Bulletin</i> , 2013 , 58, 2719-2722		15
75	Graphene nanoribbons as a novel support material for high performance fuel cell electrocatalysts. <i>International Journal of Hydrogen Energy</i> , 2013 , 38, 13230-13237	6.7	32

74	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	8.9	9
73	Evidence for a crystallite-rich skin on perfluorosulfonate ionomer membranes. <i>RSC Advances</i> , 2013 , 3, 8947	3.7	17
72	Properties of precursor solution cast PFSI membranes with various ion exchange capacities and annealing temperatures. <i>RSC Advances</i> , 2013 , 3, 7289	3.7	5
71	Twisted D-πA solid emitters: efficient emission and high contrast mechanochromism. <i>Chemical Communications</i> , 2013 , 49, 4009-11	5.8	212
70	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	3.8	328
69	Synergy between twisted conformation and effective intermolecular interactions: strategy for efficient mechanochromic luminogens with high contrast. <i>Advanced Materials</i> , 2013 , 25, 2837-43	24	366
68	Crystallization-Induced Phosphorescence for Purely Organic Phosphors at Room Temperature and Liquid Crystals with Aggregation-Induced Emission Characteristics 2013 , 43-60		2
67	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, 2847-56	4.8	52
66	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	15.6	545
65	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	2.9	4
64	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	4.3	4
63	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	3.8	125
62	Fluorine-containing block copolymer particles with surface and internal hierarchical microphase separation structures. <i>Soft Matter</i> , 2012 , 8, 2471	3.6	22
61	High quality pristine perfluorosulfonated ionomer membranes prepared from perfluorinated sulfonyl fluoride solution. <i>RSC Advances</i> , 2012 , 2, 5950	3.7	9
60	High efficiency luminescent liquid crystal: aggregation-induced emission strategy and biaxially oriented mesomorphic structure. <i>Journal of Materials Chemistry</i> , 2012 , 22, 3323		105
59	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		62
58	Influences of processing methods and chemical treatments on fracture toughness of halloysite/epoxy composites. <i>Materials & Design</i> , 2012 , 42, 471-477		53
57	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	5.2	2

56	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	9.4	111
55	Perfluorosulfonate ionomer membranes with improved through-plane proton conductivity fabricated under magnetic field. <i>Journal of Membrane Science</i> , 2012 , 423-424, 267-274	9.6	15
54	Order-order phase transition and transformation in co-assembled particles from fluorinated FA/FB type diblock copolymers. <i>Soft Matter</i> , 2012 , 8, 8405	3.6	5
53	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	9.6	418
52	Low-molecular-weight polytetrafluoroethylene bearing thermally stable perfluoroalkyl end-groups prepared in supercritical carbon dioxide. <i>Polymer International</i> , 2012 , 61, 901-908	3.3	4
51	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	13
50	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	3.9	8
49	Rheological study on tetrafluoroethylene/hexafluoropropylene copolymer and its implication for processability. <i>Journal of Applied Polymer Science</i> , 2012 , 125, 3361-3367	2.9	5
48	Biocompatibility and anti-cracking performance of perfluorocarboxylic acid ionomer membranes for implantable biosensors. <i>Journal of Materials Science</i> , 2012 , 47, 5181-5189	4.3	5
47	Synthesis and self-assembly of tetraphenylethene and biphenyl based AIE-active triazoles. <i>Journal of Materials Chemistry</i> , 2012 , 22, 10472		59
46	Surface characteristics and blood compatibility of PVDF/PMMA membranes. <i>Journal of Materials Science</i> , 2012 , 47, 5030-5040	4.3	19
45	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	4.3	21
44	Thermal-mechanical stability of ethylene tetrafluoroethylene alternating copolymer, and modification thereof. <i>Journal of Polymer Research</i> , 2012 , 19, 1	2.7	4
43	Melt rheological properties of ETFE: an attempt to illuminate the fluorine-substitution effect. <i>Polymer Bulletin</i> , 2012 , 69, 375-388	2.4	4
42	High hole mobility of 1,2-bis[4F(diphenylamino)biphenyl-4-yl]-1,2-diphenylethene in field effect transistor. <i>Chemical Communications</i> , 2011 , 47, 6924-6	5.8	46
41	Towards high efficiency solid emitters with aggregation-induced emission and electron-transport characteristics. <i>Chemical Communications</i> , 2011 , 47, 11216-8	5.8	131
40	Perfluorinated sulfonic acid ionomer/poly(N-vinylpyrrolidone) nanofiber membranes: Electrospinning fabrication, water stability, and metal ion removal applications. <i>Reactive and Functional Polymers</i> , 2011 , 71, 1102-1109	4.6	26
39	Hyperbranched polytriazoles with high molecular compressibility: aggregation-induced emission and superamplified explosive detection. <i>Journal of Materials Chemistry</i> , 2011 , 21, 4056		256

38	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	4.3	5
37	Synthesis of polyelectrolytic polyacetylene derivatives by quaternization of poly(pyridylacetylene). <i>Chinese Journal of Polymer Science (English Edition)</i> , 2011 , 29, 133-140	3.5	8
36	Covalent immobilization of aggregation-induced emission luminogens in silica nanoparticles through click reaction. <i>Small</i> , 2011 , 7, 1448-55	11	55
35	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	2.6	3
34	Regioselective Alkyne Polyhydrosilylation: Synthesis and Photonic Properties of Poly(silylenevinylene)s. <i>Macromolecules</i> , 2011 , 44, 5977-5986	5.5	44
33	High Solid-State Efficiency Fluorescent Main Chain Liquid Crystalline Polytriazoles with Aggregation-Induced Emission Characteristics. <i>Macromolecules</i> , 2011 , 44, 9618-9628	5.5	75
32	Composites of quaternized poly(pyridylacetylene) and silver nanoparticles: Nanocomposite preparation, conductivity and photoinduced patterning. <i>Journal of Materials Chemistry</i> , 2011 , 21, 13627		27
31	Chitosan rods reinforced by aligned multiwalled carbon nanotubes via magnetic-field-assistant in situ precipitation. <i>Carbohydrate Polymers</i> , 2011 , 84, 1126-1132	10.3	22
30	Hierarchical self-assembly of fluorine-containing diblock copolymer: From onion-like nanospheres to superstructured microspheres. <i>Polymer</i> , 2011 , 52, 1191-1196	3.9	17
29	Crystallization-Induced Phosphorescence of Pure Organic Luminogens at Room Temperature. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 6090-6099	3.8	584
28	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> , 2010 , 22, 2159-63	24	723
27	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, 8433-8	4.8	138
26	Aggregation-Induced Emission in a Hyperbranched Poly(silylenevinylene) and Superamplification in Its Emission Quenching by Explosives. <i>Macromolecular Rapid Communications</i> , 2010 , 31, 834-9	4.8	86
25	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		27
24	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		3
23	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	3.8	20
22	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	5.5	116
21	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	5.5	29

20	Thermally Induced Transfiguration of Polymer Nanowires under Irradiation of Electron Beams. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 14623-14627	3.8	2
19	A fluorescent thermometer operating in aggregation-induced emission mechanism: probing thermal transitions of PNIPAM in water. <i>Chemical Communications</i> , 2009 , 4974-6	5.8	130
18	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
17	Direct Polymerization of Highly Polar Acetylene Derivatives and Facile Fabrication of Nanoparticle-Decorated Carbon Nanotubes. <i>Macromolecules</i> , 2009 , 42, 52-61	5.5	37
16	SYNTHESIS AND CHARACTERIZATION OF A POLYPHENYLACETYLENE WITH DENDRON PENDANTS. <i>Acta Polymerica Sinica</i> , 2009 , 009, 293-297		1
15	SYNTHESIS OF POLY{N-[2-(4-BENZYLTHIOACETATE) PROPIONYL]-p-AMINOPHENYLACETYLENE} AND ITS THERMAL STABILITY AND FORMATION OF ORDERED NANOSTRUCTURE. <i>Acta Polymerica Sinica</i> , 2009 , 009, 1031-1036		
14	SOLUBILITY IMPROVEMENT AND SURFACE FUNCTIONALIZATION OF MULTI-WALLED CARBON NANOTUBES BY A THIOL-FUNCTIONALIZED POLY(PHENYLACETYLENE) DERIVATIVE. <i>Acta Polymerica Sinica</i> , 2009 , 007, 897-900		
13	IMPROVEMENT OF THE SOLUBILITY OF MULTIWALLED CARBON NANOTUBES WITH DISUBSTITUTED POLYACETYLENES BEARING DIFFERENT SIDE-CHAINS. <i>Acta Polymerica Sinica</i> , 2009 , 007, 901-904		
12	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	5.5	63
11	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	5.5	91
10	Processable hybrids of ferrocene-containing poly(phenylacetylene)s and carbon nanotubes: fabrication and properties. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 8896-905	3.4	37
9	Synthesis of Sulfur-Containing Polyacetylenes and Fabrication of Their Hybrids with ZnO Nanoparticles. <i>Macromolecules</i> , 2008 , 41, 3874-3883	5.5	23
8	Hybridization of thiol-functionalized poly(phenylacetylene) with cadmium sulfide nanorods: improved miscibility and enhanced photoconductivity. <i>Chemical Communications</i> , 2007 , 1322-4	5.8	22
7	Disubstituted Polyacetylenes Containing Photopolymerizable Vinyl Groups and Polar Ester Functionality: Polymer Synthesis, Aggregation-Enhanced Emission, and Fluorescent Pattern Formation. <i>Macromolecules</i> , 2007 , 40, 3159-3166	5.5	91
6	Functional perovskite hybrid of polyacetylene ammonium and lead bromide: Synthesis, light emission, and fluorescence imaging. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 21701-9	3.4	37
5	Synthesis and Characterization of Polystyrene/Nanosilica Organic-Inorganic Hybrid1. <i>Chemical Research in Chinese Universities</i> , 2006 , 22, 797-802	2.2	14
4	Functionalization of Disubstituted Polyacetylenes through Polymer Reactions: Syntheses of Functional Poly(1-phenyl-1-alkyne)s. <i>Macromolecules</i> , 2006 , 39, 467-469	5.5	41
3	Wrapping Carbon Nanotubes in Pyrene-Containing Poly(phenylacetylene) Chains: Solubility, Stability, Light Emission, and Surface Photovoltaic Properties. <i>Macromolecules</i> , 2006 , 39, 8011-8020	5.5	152

2	Induced Chain Alignment, Efficient Energy Transfer, and Enhanced Light Emission in Functional PolyacetylenePerovskite Hybrids. <i>Macromolecules</i> , 2005 , 38, 8127-8130	5.5	42
1	Long Persistent Luminescence of Melt-Grown Bulk-Sized Doped Organic Crystals. <i>Advanced Optical Materials</i> , 2102355	8.1	0