

Jing Zhi Sun

List of Publications by Year in Descending Order

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

145
papers

8,116
citations

46
h-index

86
g-index

151
ext. papers

9,028
ext. citations

7.1
avg. IF

6
L-index

#	Paper	IF	Citations
145	The role of amide (n,π*) transitions in polypeptide clusteroluminescence. <i>Cell Reports Physical Science</i> , 2022 , 3, 100716	6.1	2
144	Poly(1-halogen-2-phenylacetylenes) containing tetraphenylethene units: polymer synthesis, unique emission behaviours and application in explosive detection. <i>Materials Chemistry Frontiers</i> , 2022 , 6, 368-378	7.8	1
143	Metal-Free Catalysts for the Polymerization of Alkynyl-Based Monomers. <i>Catalysts</i> , 2021 , 11, 1	4	26
142	Sulfur Conversion to Multifunctional Poly(-thiocarbamate)s through Multicomponent Polymerizations of Sulfur, Diols, and Diisocyanides. <i>Journal of the American Chemical Society</i> , 2021 , 143, 3944-3950	16.4	15
141	CHCl ₃ -Dependent Emission Color and Jumping Behavior of Cyclic Chalcone Single Crystals: The Halogen Bond Network Effect. <i>Crystals</i> , 2021 , 11, 530	2.3	1
140	formation of tetraphenylethylene nano-structures on microgels inside living cells reduction-responsive self-assembly. <i>Nanoscale</i> , 2021 , 13, 138-149	7.7	2
139	Aggregation-Induced Generation of Reactive Oxygen Species: Mechanism and Photosensitizer Construction. <i>Molecules</i> , 2021 , 26,	4.8	19
138	Hydrogel-assisted delivery of lipophilic molecules into aqueous medium for transdermal medication based on environment-specific, regioselective adsorption of graphene oxides. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 1804-1810	7.3	
137	Recent progress in the applications of amino-ene click chemistry. <i>Polymer Chemistry</i> , 2021 , 12, 2978-2986	4.9	9
136	Sugar-Based Aggregation-Induced Emission Luminogens: Design, Structures, and Applications. <i>Chemical Reviews</i> , 2020 , 120, 4534-4577	68.1	86
135	Polymerization-induced emission. <i>Materials Horizons</i> , 2020 , 7, 987-998	14.4	42
134	Microscopic visualization and mechanism investigation of the crystal jumping behavior of a cyclic chalcone derivative. <i>Materials Chemistry Frontiers</i> , 2020 , 4, 651-660	7.8	14
133	Aggregation-induced emission: right there shining. <i>Science China Materials</i> , 2019 , 62, 1227-1235	7.1	21
132	Visualization and quantification of cellular RNA production and degradation using a combined fluorescence and mass spectrometry characterization assay. <i>Chemical Communications</i> , 2019 , 55, 8321-8324	5.8	4
131	Drawing a clear mechanistic picture for the aggregation-induced emission process. <i>Materials Chemistry Frontiers</i> , 2019 , 3, 1143-1150	7.8	41
130	Specific Targeting, Imaging, and Ablation of Tumor-Associated Macrophages by Theranostic Mannose-AIEgen Conjugates. <i>Analytical Chemistry</i> , 2019 , 91, 6836-6843	7.8	25
129	Transition-Metal-Free Polymerization of Bromoalkynes and Phenols. <i>Macromolecules</i> , 2019 , 52, 2949-2955	5.5	9

128	Visualizing and monitoring interface structures and dynamics by luminogens with aggregation-induced emission. <i>Journal of Applied Physics</i> , 2019 , 126, 050901	2.5	16
127	Pyrene-Functionalized Polyacetylenes: Synthesis and Photoluminescence Property. <i>Polymers</i> , 2019 , 11,	4.5	3
126	A Novel Fluorescent Skeleton from Disubstituted Thiochromenones via Nickel-Catalyzed Cycloaddition of Sulfobenzoic Anhydrides with Alkynes. <i>Organic Letters</i> , 2019 , 21, 6280-6284	6.2	8
125	Polymerization of 1-chloro-2-phenylacetylene derivatives by using a Brookhart-type catalyst. <i>Polymer Chemistry</i> , 2019 , 10, 4801-4809	4.9	2
124	A side-chain engineering strategy for constructing fluorescent dyes with direct and ultrafast self-delivery to living cells. <i>Chemical Science</i> , 2019 , 11, 661-670	9.4	14
123	Effective enhancement of the emission efficiency of tetraphenylporphyrin in solid state by tetraphenylethene modification. <i>Chinese Chemical Letters</i> , 2019 , 30, 143-148	8.1	9
122	Unveiling the Different Emission Behavior of Polytriazoles Constructed from Pyrazine-Based AIE Monomers by Click Polymerization. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 12181-12188	9.5	26
121	Interface-Targeting Strategy Enables Two-Photon Fluorescent Lipid Droplet Probes for High-Fidelity Imaging of Turbid Tissues and Detecting Fatty Liver. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 10706-10717	9.5	44
120	A novel pyridinium modified tetraphenylethene: AIE-activity, mechanochromism, DNA detection and mitochondrial imaging. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 1279-1285	7.3	27
119	Diversified Photo/Electronic Functions Based on a Simple Chalcone Skeleton: Effects of Substitution Pattern and Molecular Packing. <i>Advanced Functional Materials</i> , 2018 , 28, 1706506	15.6	16
118	Multiple Stimuli Responses of Stereo-Isomers of AIE-Active Ethynylene-Bridged and Pyridyl-Modified Tetraphenylethene. <i>Journal of Physical Chemistry B</i> , 2018 , 122, 2165-2176	3.4	20
117	Poly(disubstituted acetylene)s: Advances in polymer preparation and materials application. <i>Progress in Polymer Science</i> , 2018 , 79, 98-120	29.6	31
116	A unimolecular theranostic system with HO-specific response and AIE-activity for doxorubicin releasing and real-time tracking in living cells.. <i>RSC Advances</i> , 2018 , 8, 10975-10979	3.7	17
115	Tetraphenylethene Cross-Linked Thermosensitive Microgels via Acylhydrazone Bonds: Aggregation-Induced Emission in Nanoconfined Environments and the Cononsolvency Effect. <i>Macromolecules</i> , 2018 , 51, 5762-5772	5.5	30
114	Reaction-based AIE-active Fluorescent Probes for Selective Detection and Imaging. <i>Israel Journal of Chemistry</i> , 2018 , 58, 845-859	3.4	25
113	Malonitrile-Functionalized Tetraphenylpyrazine: Aggregation-Induced Emission, Ratiometric Detection of Hydrogen Sulfide, and Mechanochromism. <i>Advanced Functional Materials</i> , 2018 , 28, 1704689	15.6	100
112	In situ monitoring of molecular aggregation using circular dichroism. <i>Nature Communications</i> , 2018 , 9, 4961	17.4	49
111	Kinetic Insights into Marangoni Effect-Assisted Preparation of Ultrathin Hydrogel Films. <i>Langmuir</i> , 2018 , 34, 12310-12317	4	4

110	Single Chromophore-Based White-Light-Emitting Hydrogel with Tunable Fluorescence and Patternability. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 39343-39352	9.5	51
109	Exploration of biocompatible AIEgens from natural resources. <i>Chemical Science</i> , 2018 , 9, 6497-6502	9.4	103
108	3,4,5-Triphenyl-1,2,4-triazole-based multifunctional n-type AIEgen. <i>Science China Chemistry</i> , 2017 , 60, 635-641	7.9	8
107	A novel post-polymerization modification route to functional poly(disubstituted acetylenes) through phenol-ene click reaction. <i>Polymer Chemistry</i> , 2017 , 8, 2630-2639	4.9	14
106	Phospholipid-Biomimetic Fluorescent Mitochondrial Probe with Ultrahigh Selectivity Enables In Situ and High-Fidelity Tissue Imaging. <i>Analytical Chemistry</i> , 2017 , 89, 6575-6582	7.8	22
105	Poly(phenylene-ethynylene-alt-tetraphenylethene) copolymers: aggregation enhanced emission, induced circular dichroism, tunable surface wettability and sensitive explosive detection. <i>Polymer Chemistry</i> , 2017 , 8, 2353-2362	4.9	17
104	A single fluorescent probe enables clearly discriminating and simultaneously imaging liquid-ordered and liquid-disordered microdomains in plasma membrane of living cells. <i>Biomaterials</i> , 2017 , 120, 46-56	15.6	24
103	A two-channel responsive fluorescent probe with AIE characteristics and its application for selective imaging of superoxide anions in living cells. <i>Chemical Communications</i> , 2017 , 53, 1653-1656	5.8	86
102	Facile Polymerization of Water and Triple-Bond Based Monomers toward Functional Polyamides. <i>Macromolecules</i> , 2017 , 50, 8554-8561	5.5	21
101	A red-emitting cationic hyperbranched polymer: facile synthesis, aggregation-enhanced emission, large Stokes shift, polarity-insensitive fluorescence and application in cell imaging. <i>Polymer Chemistry</i> , 2017 , 8, 6277-6282	4.9	20
100	Phenol-ene Click Polymerization: An Efficient Technique to Facilely Access Regio- and Stereoregular Poly(vinylene ether ketone)s. <i>Chemistry - A European Journal</i> , 2017 , 23, 10725-10731	4.8	42
99	Polymerization of 1-chloro-2-benzaldehyde-acetylene using an NHC-Pd/AgOTf catalyst and post-polymerization modification. <i>Polymer Chemistry</i> , 2017 , 8, 5546-5553	4.9	6
98	A Dendritic Supramolecular Complex as Uniform Hybrid Micelle with Dual Structure for Bimodal In Vivo Imaging. <i>Chemistry - A European Journal</i> , 2017 , 23, 2802-2810	4.8	20
97	Deciphering the binding behaviours of BSA using ionic AIE-active fluorescent probes. <i>Faraday Discussions</i> , 2017 , 196, 285-303	3.6	26
96	Click polymerization: The aurora of polymer synthetic methodology. <i>Journal of Polymer Science Part A</i> , 2017 , 55, 616-621	2.5	26
95	Anionic conjugated polytriazole: direct preparation, aggregation-enhanced emission, and highly efficient Al ³⁺ sensing. <i>Polymer Chemistry</i> , 2016 , 7, 5835-5839	4.9	32
94	A macrocyclic 1,4-bis(4-pyridylethynyl)benzene showing unique aggregation-induced emission properties. <i>Chemical Communications</i> , 2016 , 52, 10365-8	5.8	10
93	Red and near infrared emission materials with AIE characteristics. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 10588-10609	7.1	117

92	Probing the effects of external species on poly(acrylate acid) chain dynamics by using cationic AIE-active fluorophore. <i>Science China Chemistry</i> , 2016 , 59, 218-224	7.9	5
91	Triphenylamine-functionalized tetraphenylpyrazine: facile preparation and multifaceted functionalities. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 2901-2908	7.1	64
90	A Red to Near-IR Fluorogen: Aggregation-Induced Emission, Large Stokes Shift, High Solid Efficiency and Application in Cell-Imaging. <i>Chemistry - A European Journal</i> , 2016 , 22, 9784-91	4.8	47
89	High strength chitosan rod reinforced by non-covalent functionalized multiwalled carbon nanotubes via an in situ precipitation method. <i>RSC Advances</i> , 2016 , 6, 112634-112640	3.7	2
88	Selective, switchable fluorescent probe for heparin based on aggregation-induced emission. <i>Analytical Biochemistry</i> , 2016 , 514, 48-54	3.1	11
87	Different amine-functionalized poly(diphenylsubstituted acetylenes) from the same precursor. <i>Polymer Chemistry</i> , 2016 , 7, 5312-5321	4.9	17
86	The fluorescence properties and aggregation behavior of tetraphenylethene- <i>perylenebisimide</i> dyads. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 3559-3568	7.1	51
85	Synthesis of functional poly(disubstituted acetylene)s through the post-polymerization modification route. <i>Chemical Record</i> , 2015 , 15, 524-32	6.6	10
84	Investigation of the binding modes between AIE-active molecules and dsDNA by single molecule force spectroscopy. <i>Nanoscale</i> , 2015 , 7, 8939-45	7.7	25
83	Effect of ionic interaction on the mechanochromic properties of pyridinium modified tetraphenylethene. <i>Chemical Communications</i> , 2015 , 51, 8849-52	5.8	39
82	N-type pyrazine and triazole-based luminogens with aggregation-enhanced emission characteristics. <i>Chemical Communications</i> , 2015 , 51, 10710-3	5.8	28
81	Axial chiral aggregation-induced emission luminogens with aggregation-annihilated circular dichroism effect. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 5162-5166	7.1	62
80	Charge transport: through space keeps up with the pace. <i>Science China Chemistry</i> , 2015 , 58, 831-832	7.9	1
79	A throughway to functional poly(disubstituted acetylenes): a combination of the activated ester strategy with click reaction. <i>Polymer Chemistry</i> , 2015 , 6, 7958-7963	4.9	8
78	Multi-Functional Hyperbranched Poly(vinylene sulfide)s Constructed via Spontaneous Thiol-ene Click Polymerization. <i>Macromolecules</i> , 2015 , 48, 7782-7791	5.5	51
77	An air-stable supported Cu(I) catalyst for azide-alkyne click polymerization. <i>Science China Chemistry</i> , 2015 , 58, 1748-1752	7.9	17
76	Crystallization-Induced Emission Enhancement of a Simple Tolane-Based Mesogenic Luminogen. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 21875-21881	3.8	65
75	Click Chemistry: A Powerful and Versatile Methodology for Preparation of Ferrocene-Containing Polymers. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015 , 25, 37-46	3.2	19

74	A self-assembly induced emission system constructed by the host-guest interaction of AIE-active building blocks. <i>Chemical Communications</i> , 2015 , 51, 1089-91	5.8	54
73	Tetraphenylpyrazine-based AIEgens: facile preparation and tunable light emission. <i>Chemical Science</i> , 2015 , 6, 1932-1937	9.4	206
72	Influence of the number and substitution position of phenyl groups on the aggregation-enhanced emission of benzene-cored luminogens. <i>Chemical Communications</i> , 2015 , 51, 4830-3	5.8	38
71	A recyclable and reusable supported Cu(I) catalyzed azide-alkyne click polymerization. <i>Scientific Reports</i> , 2014 , 4, 5107	4.9	40
70	A 1,3-indandione-functionalized tetraphenylethene: aggregation-induced emission, solvatochromism, mechanochromism, and potential application as a multiresponsive fluorescent probe. <i>Chemistry - A European Journal</i> , 2014 , 20, 4661-70	4.8	104
69	A new strategy of post-polymerization modification to prepare functionalized poly(disubstituted acetylenes). <i>Polymer Chemistry</i> , 2014 , 5, 2309	4.9	14
68	An Aggregation-Induced-Emission Platform for Direct Visualization of Interfacial Dynamic Self-Assembly. <i>Angewandte Chemie</i> , 2014 , 126, 13736-13740	3.6	16
67	Indium-catalyzed polycyclotrimerization of diynes: a facile route to prepare regioregular hyperbranched polyarylenes. <i>Polymer Chemistry</i> , 2014 , 5, 5890-5894	4.9	10
66	Monosaccharide-functionalized poly(phenylacetylenes): in situ polymerization, hybridization with MWCNTs, and application in the reinforcement of chitosan rods. <i>Polymer Chemistry</i> , 2014 , 5, 6216-6224	4.9	9
65	Structure-dependent emission of polytriazoles. <i>Polymer Chemistry</i> , 2014 , 5, 2301	4.9	31
64	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
63	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
62	Catalyst-Free Thiol-ene Click Polymerization: A Powerful and Facile Tool for Preparation of Functional Poly(vinylene sulfide)s. <i>Macromolecules</i> , 2014 , 47, 1325-1333	5.5	102
61	Conjugates of tetraphenylethene and diketopyrrolopyrrole: tuning the emission properties with phenyl bridges. <i>Chemical Communications</i> , 2014 , 50, 8747-50	5.8	60
60	An aggregation-induced-emission platform for direct visualization of interfacial dynamic self-assembly. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 13518-13522	16.4	67
59	Facile Preparation of Light Refractive Poly(aroxycarbonyltriazole)s by Metal-Free Click Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2014 , 215, 1036-1041	2.6	20
58	Functional polyacetylenes: hybrids with carbon nanotubes. <i>Polymer Chemistry</i> , 2013 , 4, 211-223	4.9	43
57	Biocompatible organic dots with aggregation-induced emission for in vitro and in vivo fluorescence imaging. <i>Science China Chemistry</i> , 2013 , 56, 1228-1233	7.9	28

56	New tetraphenylpyridinium-based luminogens with aggregation-induced emission characteristics. <i>Science China Chemistry</i> , 2013 , 56, 1187-1190	7.9	16
55	Room temperature phosphorescence from natural products: Crystallization matters. <i>Science China Chemistry</i> , 2013 , 56, 1178-1182	7.9	142
54	Crystallization-induced phosphorescence of benzils at room temperature. <i>Science China Chemistry</i> , 2013 , 56, 1183-1186	7.9	61
53	Probing the pH-dependent chain dynamics of poly(acrylate acid) in concentrated solution by using a cationic AIE fluorophore. <i>Science China Chemistry</i> , 2013 , 56, 1253-1257	7.9	12
52	Thiol-yne click polymerization. <i>Science Bulletin</i> , 2013 , 58, 2711-2718		63
51	Ferrocene-based poly(aroxycarbonyltriazole)s: synthesis by metal-free click polymerization and use as precursors to magnetic ceramics. <i>Polymer Chemistry</i> , 2013 , 4, 5537	4.9	33
50	Self-healing hyperbranched poly(aroyltriazole)s. <i>Scientific Reports</i> , 2013 , 3,	4.9	55
49	Metal-free click polymerizations of activated azide and alkynes. <i>Polymer Chemistry</i> , 2013 , 4, 1396-1401	4.9	45
48	Discriminatory detection of cysteine and homocysteine based on dialdehyde-functionalized aggregation-induced emission fluorophores. <i>Chemistry - A European Journal</i> , 2013 , 19, 613-20	4.8	84
47	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
46	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
45	Hyperbranched Poly(aroxycarbonyltriazole)s: Metal-Free Click Polymerization, Light Refraction, Aggregation-Induced Emission, Explosive Detection, and Fluorescent Patterning. <i>Macromolecules</i> , 2013 , 46, 3907-3914	5.5	99
44	A polytriazole synthesized by 1,3-dipolar polycycloaddition showing aggregation-enhanced emission and utility in explosive detection. <i>Macromolecular Rapid Communications</i> , 2013 , 34, 796-802	4.8	33
43	Red-Emitting AIE Materials 2013 , 155-167		
42	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
41	Discriminative fluorescence detection of cysteine, homocysteine and glutathione via reaction-dependent aggregation of fluorophore-analyte adducts. <i>Journal of Materials Chemistry</i> , 2012 , 22, 17063		67
40	Aggregation-induced red-NIR emission organic nanoparticles as effective and photostable fluorescent probes for bioimaging. <i>Journal of Materials Chemistry</i> , 2012 , 22, 15128		156
39	Synthesis of Functional Disubstituted Polyacetylenes Bearing Highly Polar Functionalities via Activated Ester Strategy.. <i>ACS Macro Letters</i> , 2012 , 1, 75-79	6.6	32

38	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
37	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
36	Metal-free click polymerization of propiolates and azides: facile synthesis of functional poly(aroxycarbonyltriazole)s. <i>Polymer Chemistry</i> , 2012 , 3, 1075	4.9	87
35	Tetraphenylethenyl-modified perylene bisimide: aggregation-induced red emission, electrochemical properties and ordered microstructures. <i>Journal of Materials Chemistry</i> , 2012 , 22, 7387		134
34	Decomposition-assembly of tetraphenylethylene nanoparticles with uniform size and aggregation-induced emission property. <i>Macromolecular Rapid Communications</i> , 2012 , 33, 1584-9	4.8	18
33	Click synthesis, aggregation-induced emission, E/Z isomerization, self-organization, and multiple chromisms of pure stereoisomers of a tetraphenylethene-cored luminogen. <i>Journal of the American Chemical Society</i> , 2012 , 134, 9956-66	16.4	502
32	Preparation and self-assembly of amphiphilic polymer with aggregation-induced emission characteristics. <i>Science China Chemistry</i> , 2012 , 55, 772-778	7.9	42
31	Specific detection of D-glucose by a tetraphenylethene-based fluorescent sensor. <i>Journal of the American Chemical Society</i> , 2011 , 133, 660-3	16.4	508
30	Functional poly(phenylacetylene)s carrying azobenzene pendants: Polymer synthesis, photoisomerization behaviors, and liquid-crystalline property. <i>Polymer</i> , 2011 , 52, 5290-5301	3.9	22
29	Hyperbranched polytriazoles with high molecular compressibility: aggregation-induced emission and superamplified explosive detection. <i>Journal of Materials Chemistry</i> , 2011 , 21, 4056		256
28	Facile synthesis of poly(aroxycarbonyltriazole)s with aggregation-induced emission characteristics by metal-free click polymerization. <i>Science China Chemistry</i> , 2011 , 54, 611-616	7.9	50
27	Post-functionalization of disubstituted polyacetylenes via click chemistry. <i>Science China Chemistry</i> , 2011 , 54, 1948-1954	7.9	14
26	Specific recognition of β -cyclodextrin by a tetraphenylethene luminogen through a cooperative boronic acid/diol interaction. <i>Chemistry - A European Journal</i> , 2011 , 17, 14736-40	4.8	29
25	A Facile Synthetic Route to Functional Poly(phenylacetylene)s with Tunable Structures and Properties. <i>Macromolecules</i> , 2011 , 44, 6724-6737	5.5	39
24	Composites of quaternized poly(pyridylacetylene) and silver nanoparticles: Nanocomposite preparation, conductivity and photoinduced patterning. <i>Journal of Materials Chemistry</i> , 2011 , 21, 13627		27
23	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
22	DETECTION OF ctDNA WITH WATER SOLUBLE TETRAPHENYLENE-BASED FLUORESCENCE PROBE. <i>Acta Polymerica Sinica</i> , 2011 , 011, 1079-1085		10
21	Label-free fluorescence detection of mercury(II) and glutathione based on Hg ²⁺ -DNA complexes stimulating aggregation-induced emission of a tetraphenylethene derivative. <i>Analyst, The</i> , 2010 , 135, 3002-7	5	85

20	Stimulus responsive fluorescent hyperbranched polymers and their applications. <i>Science China Chemistry</i> , 2010 , 53, 2409-2428	7.9	23
19	Pyrazine luminogens with free and locked phenyl rings: Understanding of restriction of intramolecular rotation as a cause for aggregation-induced emission. <i>Applied Physics Letters</i> , 2009 , 94, 253308	3.4	90
18	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
17	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
16	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
15	Change in aggregation state of a porphyrin-perylene-diimide dyad induced by trifluoroacetic acid. <i>Science Bulletin</i> , 2008 , 53, 209-214		3
14	Vapochromism and Crystallization-Enhanced Emission of 1,1-Disubstituted 2,3,4,5-Tetraphenylsiloles. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2007 , 17, 673-678	3.2	39
13	Switching the light emission of (4-biphenyl)phenyldibenzofulvene by morphological modulation: crystallization-induced emission enhancement. <i>Chemical Communications</i> , 2007 , 40-2	5.8	345
12	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
11	Construction of oriented thin film via C π -H π intermolecular interaction. <i>Materials Letters</i> , 2006 , 60, 2379-2382	3.3	
10	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
9	Synthesis of liquid crystalline poly(1-pentyne)s and fabrication of polyacetylene-perovskite hybrids. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 3538-3550	2.5	11
8	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
7	Preparation of water soluble poly(aniline) and its gas-sensitivity. <i>Green Chemistry</i> , 2005 , 7, 507	10	17
6	Functional Disubstituted Polyacetylenes and Soluble Cross-Linked Polyenes: Effects of Pendant Groups or Side Chains on Liquid Crystallinity and Light Emission of Poly(1-phenyl-1-undecyne)s. <i>Macromolecules</i> , 2005 , 38, 3290-3300	5.5	43
5	Thin films of porphyrin-perylene molecular array fabricated by electrophoresis methodology. <i>Science Bulletin</i> , 2005 , 50, 2157-2160		2
4	Synergetic enhancement of photoconductivity in oxotitanium phthalocyanine nanocrystalline/fluoronone-based azo/BAH composite photoreceptors. <i>Progress in Natural Science: Materials International</i> , 2004 , 14, 1095-1098	3.6	2
3	Electronic structure of titanium oxide nanotubules. <i>Chemical Physics Letters</i> , 2003 , 380, 366-371	2.5	42

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|---|--|-----|----|
| 2 | Electric field induced cis-to-trans isomerization of polyphenylacetylene in solid state. <i>Chemical Communications</i> , 2002 , 1222-3 | 5.8 | 13 |
| 1 | The mysterious blue emission around 440 nm in carbonyl-based aliphatic clusteroluminogens. <i>Journal of Polymer Science</i> , | 2.4 | 0 |