

# Junge Zhi

## List of Publications by Year in descending order

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38  
papers

1,076  
citations

331670

21  
h-index

414414

32  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1322  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aggregation-Induced Emission Enhancement of Aryl-Substituted Pyrrole Derivatives. <i>Journal of Physical Chemistry B</i> , 2010, 114, 16731-16736.	2.6	139
2	A highly sensitive, single selective, real-time and "turn-on" fluorescent sensor for Al <sup>3+</sup> detection in aqueous media. <i>Journal of Materials Chemistry</i> , 2012, 22, 19296.	6.7	110
3	Red fluorescent luminogen from pyrrole derivatives with aggregation-enhanced emission for cell membrane imaging. <i>Chemical Communications</i> , 2015, 51, 8555-8558.	4.1	54
4	The Dual-State Luminescent Mechanism of 2,3,4,5-Tetraphenylpyrrole. <i>Chemistry - A European Journal</i> , 2018, 24, 14269-14274.	3.3	51
5	Tunable fluorescence conjugated copolymers consisting of tetraphenylethylene and fluorene units: From aggregation-induced emission enhancement to dual-channel fluorescence response. <i>Journal of Polymer Science Part A</i> , 2013, 51, 229-240.	2.3	50
6	Rational design of aggregation-induced emission sensor based on Rhodamine B for turn-on sensing of trivalent metal cations, reversible data protection, and bioimaging. <i>Materials Chemistry Frontiers</i> , 2019, 3, 151-160.	5.9	41
7	Donor-acceptor type aggregation-induced emission luminophores based on the 1,1-dicyanomethylene-3-indanone unit for bridge-dependent reversible mechanochromism and light-up biosensing of hypochlorites. <i>Journal of Materials Chemistry C</i> , 2019, 7, 8888-8897.	5.5	40
8	1,2,5-Triphenylpyrrole Derivatives with Dual Intense Photoluminescence in Both Solution and the Solid State: Solvatochromism and Polymorphic Luminescence Properties. <i>Chemistry - A European Journal</i> , 2019, 25, 573-581.	3.3	39
9	A novel strategy for realizing dual state fluorescence and low-temperature phosphorescence. <i>Materials Chemistry Frontiers</i> , 2019, 3, 284-291.	5.9	39
10	Synthesis and characterization of optically active helical vinyl polymers via free radical polymerization. <i>Journal of Polymer Science Part A</i> , 2009, 47, 2408-2421.	2.3	37
11	The fluorescent bioprobe with aggregation-induced emission features for monitoring to carbon dioxide generation rate in single living cell and early identification of cancer cells. <i>Biomaterials</i> , 2016, 103, 67-74.	11.4	34
12	Effect of Substituent Position on the Photophysical Properties of Triphenylpyrrole Isomers. <i>Journal of Physical Chemistry C</i> , 2017, 121, 11658-11664.	3.1	32
13	Tunable fluorescence upon aggregation: Photophysical properties of cationic conjugated polyelectrolytes containing AIE and ACQ units and their use in the dual-channel quantification of heparin. <i>Sensors and Actuators B: Chemical</i> , 2014, 197, 334-341.	7.8	27
14	Aggregation-induced emission enhancement and aggregation-induced circular dichroism of chiral pentaphenylpyrrole derivatives and their helical self-assembly. <i>New Journal of Chemistry</i> , 2017, 41, 8877-8884.	2.8	27
15	Synthesis of Polyquinolines via One-Pot Polymerization of Alkyne, Aldehyde, and Aniline under Metal-Free Catalysis and Their Properties. <i>Macromolecules</i> , 2018, 51, 3254-3263.	4.8	27
16	Spontaneous Multicomponent Polymerization of Imidazole, Diacetylenic Esters, and Diisocyanates for the Preparation of Poly( <sup>1,2</sup> -aminoacrylate)s with Cluster-Induced Emission Characteristics. <i>Macromolecules</i> , 2020, 53, 1054-1062.	4.8	27
17	Multicomponent spiropolymerization of diisocyanides, alkynes and carbon dioxide for constructing 1,6-dioxospiro[4,4]nonane-3,8-diene as structural units under one-pot catalyst-free conditions. <i>Polymer Chemistry</i> , 2018, 9, 5543-5550.	3.9	26
18	The Synergistic Effect between Triphenylpyrrole Isomers as Donors, Linking Groups, and Acceptors on the Fluorescence Properties of D-A Compounds in the Solid State. <i>Chemistry - A European Journal</i> , 2018, 24, 434-442.	3.3	23

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19	Tetrathienylethene-based Positional Isomers with Aggregation-induced Emission Enabling Super Red-shifted Reversible Mechanochromism and Naked-eye Sensing of Hydrazine Vapor. <i>Chemistry - an Asian Journal</i> , 2019, 14, 3875-3882.	3.3	23
20	Synthesis and Characterization of Poly(iminofuran-arylene) Containing Bromomethyl Groups Linked at the 5-Position of a Furan Ring via the Multicomponent Polymerizations of Diisocyanides, Dialkylacetylene Dicarboxylates, and Bis(2-bromoacetyl)biphenyl. <i>Macromolecules</i> , 2019, 52, 3319-3326.	4.8	23
21	Synthesis of Poly(amine-furan-arylene)s through a One-Pot Catalyst-Free in Situ Cyclopolymerization of Diisocyanide, Dialkylacetylene Dicarboxylates, and Dialdehyde. <i>Macromolecules</i> , 2019, 52, 729-737.	4.8	23
22	The synthesis of chiral triphenylpyrrole derivatives and their aggregation-induced emission enhancement, aggregation-induced circular dichroism and helical self-assembly. <i>RSC Advances</i> , 2016, 6, 23420-23427.	3.6	20
23	Acetylene Polycyclotrimerization: Synthesis and Characterization of Ferrocene-Containing Hyperbranched Polyarylenes. <i>Macromolecules</i> , 2007, 40, 5612-5617.	4.8	19
24	Anthracene Modified by Aldehyde Groups Exhibiting Aggregation-induced Emission Properties. <i>Chinese Journal of Chemistry</i> , 2016, 34, 1071-1075.	4.9	18
25	Regioisomeric AIE-active luminogens with a substituent aldehyde group for controllable and reversible photochromic behavior and sensitive fluorescence detection of hydrogen sulfite. <i>Journal of Materials Chemistry C</i> , 2021, 9, 3882-3891.	5.5	18
26	An AIEE polyelectrolyte as a light-up fluorescent probe for heparin sensing in full detection range. <i>Science China Chemistry</i> , 2013, 56, 1239-1246.	8.2	13
27	Aggregation-induced Emission of Hexaphenyl-1,3-butadiene. <i>Chinese Journal of Chemistry</i> , 2015, 33, 701-704.	4.9	13
28	Catalyst-Free Multicomponent Cyclopolymerizations of Diisocyanides, Activated Alkynes, and 1,4-Dibromo-2,3-Butanedione: a Facile Strategy toward Functional Polyiminofurans Containing Bromomethyl Groups. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2000463.	3.9	13
29	Cationic half-sandwich rare-earth metal alkyl species catalyzed polymerization and copolymerization of aryl isocyanides possessing polar, bulky, or chiral substituents. <i>Polymer Chemistry</i> , 2018, 9, 984-993.	3.9	11
30	Synthesis and characterization of poly(ethene-ketone-arylene-ketone)s containing pendant methylthio groups via metal-free catalyzed copolymerization of arylidyne with DMSO. <i>Polymer Chemistry</i> , 2018, 9, 4404-4412.	3.9	9
31	Ionic liquid crystals with aggregation-induced emission properties based on pyrrolo[3,2- <i>b</i> ]pyrrole salt compounds. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1385-1390.	5.9	9
32	Multicomponent Spiropolymerization of Diisocyanides, Diethyl Acetylenedicarboxylate, and Halogenated Quinones. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100029.	3.9	9
33	On-Water Polymerization of Phenylacetylene Catalyzed by Rh Complexes Bearing Strongly Acidic Dibenzo[ <i>a,e</i> ]cyclooctatetraene Ligand. <i>Journal of Polymer Science Part A</i> , 2017, 55, 716-725.	2.3	8
34	SYNTHESIS AND PROPERTY OF A WATER-SOLUBLE AGGREGATION-INDUCED EMISSION ENHANCEMENT CONJUGATED POLYMER. <i>Acta Polymerica Sinica</i> , 2012, 012, 453-461.	0.0	8
35	Effect of bilayer number on the photoluminescent property of TPE-based self-assembled film. <i>Science Bulletin</i> , 2013, 58, 2728-2732.	1.7	6
36	Multicomponent Spiropolymerization of Diisocyanides, Activated Alkynes, and Bis-Anhydrides. <i>Macromolecules</i> , 2022, 55, 6150-6159.	4.8	6

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37	AlIBu3: unprecedented main-group metal catalyst for helical sense-selective polymerization of chiral aryl isocyanides and copolymerization with achiral aryl isocyanides. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1192-1198.	5.9	4
38	Chiral Pentaphenylpyrrole Derivatives with Aggregation-Induced Emission Enhancement and Aggregation Induced Circular Dichroism and Their Helical Self-assembly. <i>E3S Web of Conferences</i> , 2021, 267, 02012.	0.5	0