Benzhao He

List of Publications by Year
in descending order

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46	2,629	201674	243625
papers	citations	27	44
		h-index	g-index

48	48	48	3264
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Endowing AIE with Extraordinary Potential: A New Au(I)â€Containing AIEgen for Bimodal Bioimagingâ€Guided Multimodal Synergistic Cancer Therapy. Advanced Functional Materials, 2022, 32, 2108199.	14.9	9
2	Novel Quinolizine AIE System: Visualization of Molecular Motion and Elaborate Tailoring for Biological Application**. Angewandte Chemie - International Edition, 2022, 61, .	13.8	31
3	Polymerizations of Activated Alkynes. Progress in Polymer Science, 2022, 126, 101503.	24.7	25
4	Precise and long-term tracking of mitochondria in neurons using a bioconjugatable and photostable AIE luminogen. Chemical Science, 2022, 13, 2965-2970.	7.4	18
5	In-situ generation of poly(quinolizine)s via catalyst-free polyannulations of activated diyne and pyridines. Science China Chemistry, 2022, 65, 789-795.	8.2	2
6	Activated Internal <scp>Alkyneâ€Based</scp> Polymerization^{â€}. Chinese Journal of Chemistry, 2022, 40, 2001-2013.	4.9	9
7	A novel drug susceptibility testing AIEgen with spatiotemporal resolved progress-reporting characteristic for therapy of drug-resistant tumor. Materials Today, 2022, 61, 117-128.	14.2	7
8	Clusteroluminescence from Cluster Excitons in Small Heterocyclics Free of Aromatic Rings. Advanced Science, 2021, 8, 2004299.	11.2	49
9	Functionalization of Silk by AIEgens through Facile Bioconjugation: Fullâ€Color Fluorescence and Longâ€Term Bioimaging. Angewandte Chemie, 2021, 133, 12532-12538.	2.0	6
10	Functionalization of Silk by AIEgens through Facile Bioconjugation: Fullâ€Color Fluorescence and Longâ€Term Bioimaging. Angewandte Chemie - International Edition, 2021, 60, 12424-12430.	13.8	46
11	Making Aggregation-Induced Emission Luminogen More Valuable by Gold: Enhancing Anticancer Efficacy by Suppressing Thioredoxin Reductase Activity. ACS Nano, 2021, 15, 9176-9185.	14.6	41
12	Stimuliâ€Responsive AIEgens. Advanced Materials, 2021, 33, e2008071.	21.0	178
13	New AIE-Active Copolymers with Au(I) Isocyanide Acrylate Units. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 1490-1496.	3.7	4
14	Structure-tuned and thermodynamically controlled mechanochromic self-recovery of AIE-active Au(<scp>i</scp>) complexes. Journal of Materials Chemistry C, 2020, 8, 894-899.	5.5	52
15	Molecular Motions in AIEgen Crystals: Turning on Photoluminescence by Force-Induced Filament Sliding. Journal of the American Chemical Society, 2020, 142, 14608-14618.	13.7	62
16	Aggregationâ€Induced Emission Luminogens Married to 2D Black Phosphorus Nanosheets for Highly Efficient Multimodal Theranostics. Advanced Materials, 2020, 32, e2003382.	21.0	110
17	Catalyst-Free Multicomponent Tandem Polymerizations of Alkyne and Amines toward Nontraditional Intrinsic Luminescent Poly(aminomaleimide)s. Macromolecules, 2020, 53, 3756-3764.	4.8	34
18	Preparation of Multifunctional Hyperbranched Poly(Î²-aminoacrylate)s by Spontaneous Amino-yne Click Polymerization. Macromolecules, 2020, 53, 5248-5254.	4.8	48

#	Article	IF	Citations
19	Fast surface immobilization of native proteins through catalyst-free amino-yne click bioconjugation. Chemical Science, 2020, 11, 3931-3935.	7.4	42
20	Multifunctional Au I â€based AIEgens: Manipulating Molecular Structures and Boosting Specific Cancer Cell Imaging and Theranostics. Angewandte Chemie, 2020, 132, 7163-7171.	2.0	17
21	Multifunctional Au^Iâ€based AIEgens: Manipulating Molecular Structures and Boosting Specific Cancer Cell Imaging and Theranostics. Angewandte Chemie - International Edition, 2020, 59, 7097-7105.	13.8	49
22	Lab-in-cell based on spontaneous amino-yne click polymerization. Science China Chemistry, 2019, 62, 1198-1203.	8.2	55
23	Ethynylsulfone-Based Spontaneous Amino-yne Click Polymerization: A Facile Tool toward Regio- and Stereoregular Dynamic Polymers. Macromolecules, 2019, 52, 4526-4533.	4.8	41
24	Recyclable Cu nanoparticle catalyzed azide-alkyne click polymerization. Science China Chemistry, 2019, 62, 1017-1022.	8.2	10
25	Real-Time Monitoring of Hierarchical Self-Assembly and Induction of Circularly Polarized Luminescence from Achiral Luminogens. ACS Nano, 2019, 13, 3618-3628.	14.6	157
26	Direct Polymerization of Carbon Dioxide, Diynes, and Alkyl Dihalides under Mild Reaction Conditions. Macromolecules, 2018, 51, 42-48.	4.8	52
27	Functional Poly(dihalopentadiene)s: Stereoselective Synthesis, Aggregation-Enhanced Emission and Sensitive Detection of Explosives. Polymers, 2018, 10, 821.	4.5	8
28	A Simple Approach to Bioconjugation at Diverse Levels: Metal-Free Click Reactions of Activated Alkynes with Native Groups of Biotargets without Prefunctionalization. Research, 2018, 2018, 3152870.	5.7	86
29	Metalâ€Free Polyâ€Cycloaddition of Activated Azide and Alkynes toward Multifunctional Polytriazoles: Aggregationâ€Induced Emission, Explosive Detection, Fluorescent Patterning, and Light Refraction. Macromolecular Rapid Communications, 2017, 38, 1700070.	3.9	21
30	Spontaneous Amino-yne Click Polymerization: A Powerful Tool toward Regio- and Stereospecific Poly(Î²-aminoacrylate)s. Journal of the American Chemical Society, 2017, 139, 5437-5443.	13.7	177
31	Efficient and Regioselectivityâ€Tunable Metalâ€Free Polycycloaddition of Activated Azide and Alkynes. Macromolecular Rapid Communications, 2017, 38, 1600620.	3.9	16
32	Copper-Catalyzed Electrophilic Polyhydroamination of Internal Alkynes. Macromolecules, 2017, 50, 5719-5728.	4.8	16
33	Castor oil-stabilized magnetic Fe 3 O 4 and luminescent ZnO nanocrystals: One-step green synthesis and application for polymer composites. Advanced Powder Technology, 2016, 27, 1839-1844.	4.1	4
34	Cu(<scp>i</scp>)-Catalyzed amino-yne click polymerization. Polymer Chemistry, 2016, 7, 7375-7382.	3.9	52
35	Efficient tailoring of the surface of upconversion nanoparticles via surface-initiated cationic ring-opening polymerization. RSC Advances, 2015, 5, 97764-97772.	3.6	11
36	Upconverting PAAm/PNIPAM/NaYF4:Yb:Er hydrogel with enhanced luminescence temperature sensitivity. Journal of Luminescence, 2015, 160, 254-257.	3.1	13

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37	One-Step Fabrication of Graphene Oxide Enhanced Magnetic Composite Gel for Highly Efficient Dye Adsorption and Catalysis. ACS Sustainable Chemistry and Engineering, 2015, 3, 1677-1685.	6.7	287
38	A general one-step approach for in situ decoration of MoS₂ nanosheets with inorganic nanoparticles. Journal of Materials Chemistry A, 2015, 3, 1042-1048.	10.3	72
39	One-step synthesis of water-dispersible hydroxyl-functionalized NaYF4:Yb/Er upconversion nanoparticles. Materials Letters, 2014, 117, 142-145.	2.6	10
40	Peach gum for efficient removal of methylene blue and methyl violet dyes from aqueous solution. Carbohydrate Polymers, 2014, 101, 574-581.	10.2	143
41	Facile approach to surface functionalized MoS₂nanosheets. RSC Advances, 2014, 4, 32570.	3.6	137
42	Multihydroxy Dendritic Upconversion Nanoparticles with Enhanced Water Dispersibility and Surface Functionality for Bioimaging. ACS Applied Materials & Interfaces, 2014, 6, 7719-7727.	8.0	67
43	Amphibious fluorescent carbon dots: one-step green synthesis and application for light-emitting polymer nanocomposites. Chemical Communications, 2013, 49, 8078.	4.1	150
44	One-Step Synthesis of Robust Amine- and Vinyl-Capped Magnetic Iron Oxide Nanoparticles for Polymer Grafting, Dye Adsorption, and Catalysis. ACS Applied Materials & Interfaces, 2013, 5, 8678-8685.	8.0	68
45	Facile One-Pot Synthesis of Iron Oxide Nanoparticles Cross-linked Magnetic Poly(vinyl alcohol) Gel Beads for Drug Delivery. ACS Applied Materials & Interfaces, 2012, 4, 192-199.	8.0	131
46	Novel Quinolizine AIE System: Visualization of Molecular Motion and Elaborate Tailoring for Biological Application**. Angewandte Chemie, 0, , .	2.0	5