Chong-Jing Zhang

List of Publications by Year in Descending Order

53 papers	3,583 citations	31 h-index	58 g-index
58 ext. papers	4,091 ext. citations	9.2 avg, IF	5.45 L-index

#	Paper	IF	Citations
53	A targeted covalent inhibitor of p97 with proteome-wide selectivity.. *Acta Pharmaceutica Sinica B*, **2022**, 12, 982-989	15.5	1
52	A heme-activatable probe and its application in the high-throughput screening of Plasmodium falciparum ring-stage inhibitors.. *Signal Transduction and Targeted Therapy*, **2022**, 7, 160	21	0
51	Strategic Design of Catalytic Lysine-Targeting Reversible Covalent BCR-ABL Inhibitors*. *Angewandte Chemie - International Edition*, **2021**, 60, 17131-17137	16.4	3
50	A fundamental study on the fluorescence-quenching effect of nitro groups in tetraphenylethene AIE dyes with electron-withdrawing groups. *Chinese Chemical Letters*, **2021**, 32, 1925-1928	8.1	4
49	Strategic Design of Catalytic Lysine-Targeting Reversible Covalent BCR-ABL Inhibitors**. *Angewandte Chemie*, **2021**, 133, 17268-17274	3.6	0
48	Chemoproteomics-based target profiling of sinomenine reveals multiple protein regulators of inflammation. *Chemical Communications*, **2021**, 57, 5981-5984	5.8	1
47	Targeting autophagy enhances the anticancer effect of artemisinin and its derivatives. *Medicinal Research Reviews*, **2019**, 39, 2172-2193	14.4	45
46	Activity-based protein profiling reveals that secondary-carbon-centered radicals of synthetic 1,2,4-trioxolanes are predominately responsible for modification of protein targets in malaria parasites. *Chemical Communications*, **2019**, 55, 9535-9538	5.8	8
45	Identification of Potent Caspase-8 Inhibitors from a Library of Fluorescent Natural Products Screened by an AIEgen-Based Light-Up Probe. *ChemBioChem*, **2019**, 20, 1292-1296	3.8	1
44	Super-quenched Molecular Probe Based on Aggregation-Induced Emission and Photoinduced Electron Transfer Mechanisms for Formaldehyde Detection in Human Serum. *Chemistry - an Asian Journal*, **2018**, 13, 1432-1437	4.5	8
43	Caspase-1 Specific Light-Up Probe with Aggregation-Induced Emission Characteristics for Inhibitor Screening of Coumarin-Originated Natural Products. *ACS Applied Materials & Interfaces*, **2018**, 10, 12173-12180	9.5	22
42	Artemisinin and AIEgen Conjugate for Mitochondria-Targeted and Image-Guided Chemo- and Photodynamic Cancer Cell Ablation. *ACS Applied Materials & Interfaces*, **2018**, 10, 11546-11553	9.5	66
41	Aggregation-Induced Emission Probe for Specific Turn-On Quantification of Soluble Transferrin Receptor: An Important Disease Marker for Iron Deficiency Anemia and Kidney Diseases. *Analytical Chemistry*, **2018**, 90, 1154-1160	7.8	33
40	Simultaneous Increase in Brightness and Singlet Oxygen Generation of an Organic Photosensitizer by Nanocrystallization. *Small*, **2018**, 14, e1803325	11	21
39	Light-up probe based on AIEgens: dual signal turn-on for caspase cascade activation monitoring. *Chemical Science*, **2017**, 8, 2723-2728	9.4	75
38	Zinc(II)-Tetradentate-Coordinated Probe with Aggregation-Induced Emission Characteristics for Selective Imaging and Photoinactivation of Bacteria. *ACS Omega*, **2017**, 2, 546-553	3.9	31
37	A light-up endoplasmic reticulum probe based on a rational design of red-emissive fluorogens with aggregation-induced emission. *Chemical Communications*, **2017**, 53, 10792-10795	5.8	22

36	A Highly Efficient and Photostable Photosensitizer with Near-Infrared Aggregation-Induced Emission for Image-Guided Photodynamic Anticancer Therapy. *Advanced Materials*, **2017**, 29, 1700548	24	280
35	Highly efficient photosensitizers with aggregation-induced emission characteristics obtained through precise molecular design. *Chemical Communications*, **2017**, 53, 8727-8730	5.8	65
34	Mechanistic Investigation of the Specific Anticancer Property of Artemisinin and Its Combination with Aminolevulinic Acid for Enhanced Anticolorectal Cancer Activity. *ACS Central Science*, **2017**, 3, 743-750	16.8	60
33	Fused Bicyclic Caspase-1 Inhibitors Assembled by Copper-Free Strain-Promoted Alkyne-Azide Cycloaddition (SPAAC). *Chemistry - A European Journal*, **2017**, 23, 360-369	4.8	5
32	AIEgens for real-time naked-eye sensing of hydrazine in solution and on a paper substrate: structure-dependent signal output and selectivity. *Journal of Materials Chemistry C*, **2016**, 4, 2834-2842	7.1	67
31	Specific Light-Up Probe with Aggregation-Induced Emission for Facile Detection of Chymase. *Analytical Chemistry*, **2016**, 88, 9111-7	7.8	32
30	In situ Proteomic Profiling of Curcumin Targets in HCT116 Colon Cancer Cell Line. *Scientific Reports*, **2016**, 6, 22146	4.9	56
29	Structure-Dependent cis/trans Isomerization of Tetraphenylethene Derivatives: Consequences for Aggregation-Induced Emission. *Angewandte Chemie - International Edition*, **2016**, 55, 6192-6	16.4	64
28	A self-reporting AIE probe with a built-in singlet oxygen sensor for targeted photodynamic ablation of cancer cells. *Chemical Science*, **2016**, 7, 1862-1866	9.4	165
27	Dual-targeted activatable photosensitizers with aggregation-induced emission (AIE) characteristics for image-guided photodynamic cancer cell ablation. *Journal of Materials Chemistry B*, **2016**, 4, 169-176	7.3	58
26	Structure-Dependent cis/trans Isomerization of Tetraphenylethene Derivatives: Consequences for Aggregation-Induced Emission. *Angewandte Chemie*, **2016**, 128, 6300-6304	3.6	16
25	Real-Time Specific Light-Up Sensing of Transferrin Receptor: Image-Guided Photodynamic Ablation of Cancer Cells through Controlled Cytomembrane Disintegration. *Analytical Chemistry*, **2016**, 88, 4841-8	7.8	45
24	Light-responsive AIE nanoparticles with cytosolic drug release to overcome drug resistance in cancer cells. *Polymer Chemistry*, **2016**, 7, 3530-3539	4.9	55
23	Organic Nanoparticles with Aggregation-Induced Emission for Bone Marrow Stromal Cell Tracking in a Rat PTI Model. *Small*, **2016**, 12, 6576-6585	11	26
22	Mechanism-Guided Design and Synthesis of a Mitochondria-Targeting Artemisinin Analogue with Enhanced Anticancer Activity. *Angewandte Chemie - International Edition*, **2016**, 55, 13770-13774	16.4	72
21	Mechanism-Guided Design and Synthesis of a Mitochondria-Targeting Artemisinin Analogue with Enhanced Anticancer Activity. *Angewandte Chemie*, **2016**, 128, 13974-13978	3.6	10
20	Image-guided combination chemotherapy and photodynamic therapy using a mitochondria-targeted molecular probe with aggregation-induced emission characteristics. *Chemical Science*, **2015**, 6, 4580-4586	9.4	155
19	A highly sensitive fluorescent light-up probe for real-time detection of the endogenous protein target and its antagonism in live cells. *Journal of Materials Chemistry B*, **2015**, 3, 5933-5937	7.3	19

18	A platinum prodrug conjugated with a photosensitizer with aggregation-induced emission (AIE) characteristics for drug activation monitoring and combinatorial photodynamic-chemotherapy against cisplatin resistant cancer cells. *Chemical Communications*, **2015**, 51, 8626-9	5.8	68
17	Specific Light-Up Bioprobe with Aggregation-Induced Emission and Activatable Photoactivity for the Targeted and Image-Guided Photodynamic Ablation of Cancer Cells. *Angewandte Chemie*, **2015**, 127, 1800-1806	3.6	62
16	Tuning the singlet-triplet energy gap: a unique approach to efficient photosensitizers with aggregation-induced emission (AIE) characteristics. *Chemical Science*, **2015**, 6, 5824-5830	9.4	308
15	Specific light-up bioprobe with aggregation-induced emission and activatable photoactivity for the targeted and image-guided photodynamic ablation of cancer cells. *Angewandte Chemie - International Edition*, **2015**, 54, 1780-6	16.4	404
14	Mapping sites of aspirin-induced acetylations in live cells by quantitative acid-cleavable activity-based protein profiling (QA-ABPP). *Scientific Reports*, **2015**, 5, 7896	4.9	53
13	A Photoactivatable AIE Polymer for Light-Controlled Gene Delivery: Concurrent Endo/Lysosomal Escape and DNA Unpacking. *Angewandte Chemie - International Edition*, **2015**, 54, 11419-23	16.4	195
12	Light-Up Probe for Targeted and Activatable Photodynamic Therapy with Real-Time In Situ Reporting of Sensitizer Activation and Therapeutic Responses. *Advanced Functional Materials*, **2015**, 25, 6586-6595	15.6	131
11	Photodynamic Therapy: Light-Up Probe for Targeted and Activatable Photodynamic Therapy with Real-Time In Situ Reporting of Sensitizer Activation and Therapeutic Responses (Adv. Funct. Mater. 42/2015). *Advanced Functional Materials*, **2015**, 25, 6691-6691	15.6	3
10	A Photoactivatable AIE Polymer for Light-Controlled Gene Delivery: Concurrent Endo/Lysosomal Escape and DNA Unpacking. *Angewandte Chemie*, **2015**, 127, 11581-11585	3.6	18
9	Haem-activated promiscuous targeting of artemisinin in Plasmodium falciparum. *Nature Communications*, **2015**, 6, 10111	17.4	353
8	Site-specific immobilization of biomolecules by a biocompatible reaction between terminal cysteine and 2-cyanobenzothiazole. *Chemical Communications*, **2013**, 49, 8644-6	5.8	25
7	Small molecule probe suitable for in situ profiling and inhibition of protein disulfide isomerase. *ACS Chemical Biology*, **2013**, 8, 2577-85	4.9	40
6	Preparation of Small-Molecule Microarrays by trans-Cyclooctene Tetrazine Ligation and Their Application in the High-Throughput Screening of Protein–Protein Interaction Inhibitors of Bromodomains. *Angewandte Chemie*, **2013**, 125, 14310-14314	3.6	9
5	Preparation of small-molecule microarrays by trans-cyclooctene tetrazine ligation and their application in the high-throughput screening of protein-protein interaction inhibitors of bromodomains. *Angewandte Chemie - International Edition*, **2013**, 52, 14060-4	16.4	36
4	Cell-based proteome profiling of potential dasatinib targets by use of affinity-based probes. *Journal of the American Chemical Society*, **2012**, 134, 3001-14	16.4	174
3	Chemical modification and organelle-specific localization of orlistat-like natural-product-based probes. *Chemistry - an Asian Journal*, **2011**, 6, 2762-75	4.5	32
2	One- and two-photon live cell imaging using a mutant SNAP-Tag protein and its FRET substrate pairs. *Organic Letters*, **2011**, 13, 4160-3	6.2	38
1	Synthesis and biological evaluation of novel quinazoline-derived human Pin1 inhibitors. *Bioorganic and Medicinal Chemistry*, **2011**, 19, 2797-807	3.4	42