Chao Yin

List of Publications by Year
in descending order

33 papers	1,649 citations	361413 20 h-index	414414 32 g-index
33 all docs	33 docs citations	33 times ranked	2092 citing authors

#	Article	IF	Citations
1	Degradable Semiconducting Oligomer Amphiphile for Ratiometric Photoacoustic Imaging of Hypochlorite. ACS Nano, 2017, 11, 4174-4182.	14.6	202
2	Activatable Semiconducting Theranostics: Simultaneous Generation and Ratiometric Photoacoustic Imaging of Reactive Oxygen Species In Vivo. Advanced Materials, 2018, 30, e1707509.	21.0	165
3	Organic Semiconducting Polymer Nanoparticles for Photoacoustic Labeling and Tracking of Stem Cells in the Second Near-Infrared Window. ACS Nano, 2018, 12, 12201-12211.	14.6	127
4	Effective Phototheranostics of Brain Tumor Assisted by Near-Infrared-II Light-Responsive Semiconducting Polymer Nanoparticles. ACS Applied Materials & Interfaces, 2020, 12, 33492-33499.	8.0	100
5	Organic semiconducting polymer amphiphile for near-infrared-II light-triggered phototheranostics. Biomaterials, 2020, 232, 119684.	11.4	96
6	Enhanced mechanosensing of cells in synthetic 3D matrix with controlled biophysical dynamics. Nature Communications, 2021, 12, 3514.	12.8	92
7	A Single Composition Architectureâ€Based Nanoprobe for Ratiometric Photoacoustic Imaging of Glutathione (GSH) in Living Mice. Small, 2018, 14, e1703400.	10.0	89
8	Organic Semiconducting Macromolecular Dyes for NIRâ€II Photoacoustic Imaging and Photothermal Therapy. Advanced Functional Materials, 2021, 31, 2104650.	14.9	84
9	Organic Nanoprobe Cocktails for Multilocal and Multicolor Fluorescence Imaging of Reactive Oxygen Species. Advanced Functional Materials, 2017, 27, 1700493.	14.9	82
10	Amphiphilic Semiconducting Oligomer for Near-Infrared Photoacoustic and Fluorescence Imaging. ACS Applied Materials & Interfaces, 2017, 9, 12332-12339.	8.0	72
11	Near-infrared small molecule coupled with rigidness and flexibility for high-performance multimodal imaging-guided photodynamic and photothermal synergistic therapy. Nanoscale Horizons, 2021, 6, 177-185.	8.0	71
12	Conformational manipulation of scale-up prepared single-chain polymeric nanogels for multiscale regulation of cells. Nature Communications, 2019, 10, 2705.	12.8	60
13	Perylene Diimide-Grafted Polymeric Nanoparticles Chelated with Gd³⁺ for Photoacoustic/T₁-Weighted Magnetic Resonance Imaging-Guided Photothermal Therapy. ACS Applied Materials & Interfaces, 2017, 9, 30458-30469.	8.0	48
14	Organic Semiconducting Luminophores for Nearâ€Infrared Afterglow, Chemiluminescence, and Bioluminescence Imaging. Advanced Functional Materials, 2021, 31, 2106154.	14.9	47
15	A small-molecule probe for ratiometric photoacoustic imaging of hydrogen sulfide in living mice. Chemical Communications, 2019, 55, 5934-5937.	4.1	43
16	Chemiluminescence-initiated and in situ-enhanced photoisomerization for tissue-depth-independent photo-controlled drug release. Chemical Science, 2019, 10, 1401-1409.	7.4	41
17	A Water-Soluble Conjugated Polymer with Pendant Disulfide Linkages to PEG Chains: A Highly Efficient Ratiometric Probe with Solubility-Induced Fluorescence Conversion for Thiol Detection. Macromolecules, 2015, 48, 1017-1025.	4.8	37
18	A Diradicaloid Small Molecular Nanotheranostic with Strong Near-Infrared Absorbance for Effective Cancer Photoacoustic Imaging and Photothermal Therapy. ACS Applied Materials & Interfaces, 2021, 13, 15983-15991.	8.0	37

#	Article	IF	Citations
19	Lysosome-Assisted Mitochondrial Targeting Nanoprobe Based on Dye-Modified Upconversion Nanophosphors for Ratiometric Imaging of Mitochondrial Hydrogen Sulfide. ACS Applied Materials & Interfaces, 2018, 10, 39544-39556.	8.0	34
20	Mussel cuticle-mimetic ultra-tough, self-healing elastomers with double-locked nanodomains exhibit fast stimuli-responsive shape transformation. Journal of Materials Chemistry A, 2020, 8, 12463-12471.	10.3	22
21	Fluorescent oligo(p-phenyleneethynylene) contained amphiphiles-encapsulated magnetic nanoparticles for targeted magnetic resonance and two-photon optical imaging in vitro and in vivo. Nanoscale, 2015, 7, 8907-8919.	5.6	19
22	O-Nitrobenzyl-alt-(phenylethynyl)benzene copolymer-based nanoaggregates with highly efficient two-photon-triggered degradable properties via a FRET process. Polymer Chemistry, 2016, 7, 3117-3125.	3.9	19
23	A multifunctional targeted nanoprobe with high NIR-II PAI/MRI performance for precise theranostics of orthotopic early-stage hepatocellular carcinoma. Journal of Materials Chemistry B, 2021, 9, 8779-8792.	5.8	15
24	â€œDual lock-and-keyâ€•controlled ceria nanotubes-based nanozymes for tumor-specific photothermal therapy. Dyes and Pigments, 2021, 191, 109350.	3.7	13
25	Oligo(p-phenyleneethynylene) embedded amphiphiles: synthesis, photophysical properties and self-assembled nanoparticles with high structural stability and photostability for cell imaging. Polymer Chemistry, 2014, 5, 5598.	3.9	12
26	In Situ-Forming Cellulose/Albumin-Based Injectable Hydrogels for Localized Antitumor Therapy. Polymers, 2021, 13, 4221.	4.5	5
27	A Waterâ€soluble Conjugated Polymer for Thiol Detection Based on "Turnâ€off" Effect. Chinese Journal of Chemistry, 2015, 33, 881-887.	4.9	4
28	A macrocyclic oligoelectrolyte as a facial platform for absorbing hyaluronic acid oligomers for targeted cancer cellular imaging. Polymer Chemistry, 2015, 6, 5295-5304.	3.9	4
29	Tumor microenvironment activated nanoenzyme-based agents for enhanced MRI-guided photothermal therapy in the NIR-II window. Chemical Communications, 2022, 58, 2742-2745.	4.1	3
30	An AIPH-decorated semiconducting nanoagonist for NIR-II light-triggered photothermic/thermodynamic combinational therapy. Chemical Communications, 2022, 58, 7400-7403.	4.1	3
31	Morphologyâ€Tunable Fluorescent Nanoparticles: Synthesis, Photophysical Properties and Twoâ€Photon Cell Imaging. Chinese Journal of Chemistry, 2015, 33, 888-896.	4.9	2
32	Photoacoustic Imaging: A Single Composition Architectureâ€Based Nanoprobe for Ratiometric Photoacoustic Imaging of Glutathione (GSH) in Living Mice (Small 11/2018). Small, 2018, 14, 1870046.	10.0	1
33	Fluorescence Imaging: Organic Nanoprobe Cocktails for Multilocal and Multicolor Fluorescence Imaging of Reactive Oxygen Species (Adv. Funct. Mater. 23/2017). Advanced Functional Materials, 2017, 27, .	14.9	0