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	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
2	An AIPH-decorated semiconducting nanoagonist for NIR-II light-triggered photothermic/thermodynamic combinational therapy. Chemical Communications, 2022, 58, 7400-7403.	4.1	3
3	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
4	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
5	Organic Semiconducting Macromolecular Dyes for NIRâ€II Photoacoustic Imaging and Photothermal Therapy. Advanced Functional Materials, 2021, 31, 2104650.	14.9	84
6	Enhanced mechanosensing of cells in synthetic 3D matrix with controlled biophysical dynamics. Nature Communications, 2021, 12, 3514.	12.8	92
7	â€œDual lock-and-keyâ€•controlled ceria nanotubes-based nanozymes for tumor-specific photothermal therapy. Dyes and Pigments, 2021, 191, 109350.	3.7	13
8	Organic Semiconducting Luminophores for Nearâ€Infrared Afterglow, Chemiluminescence, and Bioluminescence Imaging. Advanced Functional Materials, 2021, 31, 2106154.	14.9	47
9	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
10	In Situ-Forming Cellulose/Albumin-Based Injectable Hydrogels for Localized Antitumor Therapy. Polymers, 2021, 13, 4221.	4.5	5
11	Organic semiconducting polymer amphiphile for near-infrared-II light-triggered phototheranostics. Biomaterials, 2020, 232, 119684.	11.4	96
12	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
13	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
14	Conformational manipulation of scale-up prepared single-chain polymeric nanogels for multiscale regulation of cells. Nature Communications, 2019, 10, 2705.	12.8	60
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 Single Composition Architectureâ€Based Nanoprobe for Ratiometric Photoacoustic Imaging of Glutathione (GSH) in Living Mice. Small, 2018, 14, e1703400.	10.0	89
18	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

#	Article	IF	Citations
19	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
20	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
21	Activatable Semiconducting Theranostics: Simultaneous Generation and Ratiometric Photoacoustic Imaging of Reactive Oxygen Species In Vivo. Advanced Materials, 2018, 30, e1707509.	21.0	165
22	Organic Nanoprobe Cocktails for Multilocal and Multicolor Fluorescence Imaging of Reactive Oxygen Species. Advanced Functional Materials, 2017, 27, 1700493.	14.9	82
23	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
24	Amphiphilic Semiconducting Oligomer for Near-Infrared Photoacoustic and Fluorescence Imaging. ACS Applied Materials & Interfaces, 2017, 9, 12332-12339.	8.0	72
25	Degradable Semiconducting Oligomer Amphiphile for Ratiometric Photoacoustic Imaging of Hypochlorite. ACS Nano, 2017, 11, 4174-4182.	14.6	202
26	Perylene Diimide-Grafted Polymeric Nanoparticles Chelated with Gd³⁺ for Photoacoustic/<i>T</i>₁-Weighted Magnetic Resonance Imaging-Guided Photothermal Therapy. ACS Applied Materials & Interfaces, 2017, 9, 30458-30469.	8.0	48
27	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
28	Morphologyâ€Tunable Fluorescent Nanoparticles: Synthesis, Photophysical Properties and Twoâ€Photon Cell Imaging. Chinese Journal of Chemistry, 2015, 33, 888-896.	4.9	2
29	A Waterâ€soluble Conjugated Polymer for Thiol Detection Based on "Turnâ€off" Effect. Chinese Journal of Chemistry, 2015, 33, 881-887.	4.9	4
30	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
31	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
32	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
33	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