Zhengze Yu

List of Publications by Year
in descending order

25 papers	2,422 citations	304368 22 h-index	552369 26 g-index
26 all docs	26 docs citations	26 times ranked	3996 citing authors

#	Article	IF	Citations
1	Functionalized nanoprobes for in situ detection of telomerase. Chemical Communications, 2021, 57, 3736-3748.	2.2	14
2	Nanoenzymes in disease diagnosis and therapy. Chemical Communications, 2020, 56, 15513-15524.	2.2	75
3	A cancer cell membrane-encapsulated MnO₂ nanoreactor for combined photodynamic-starvation therapy. Chemical Communications, 2019, 55, 5115-5118.	2.2	69
4	A pre-protective strategy for precise tumor targeting and efficient photodynamic therapy with a switchable DNA/upconversion nanocomposite. Chemical Science, 2018, 9, 3563-3569.	3.7	60
5	Reversing Multidrug Resistance by Multiplexed Gene Silencing for Enhanced Breast Cancer Chemotherapy. ACS Applied Materials & Interfaces, 2018, 10, 15461-15466.	4.0	55
6	A simple approach for glutathione functionalized persistent luminescence nanoparticles as versatile platforms for multiple in vivo applications. Chemical Communications, 2018, 54, 3504-3507.	2.2	18
7	A biomimetic nanoreactor for synergistic chemiexcited photodynamic therapy and starvation therapy against tumor metastasis. Nature Communications, 2018, 9, 5044.	5.8	380
8	A graphene-based fluorescent nanoprobe for simultaneous monitoring of miRNA and mRNA in living cells. Nanoscale, 2018, 10, 14264-14271.	2.8	54
9	Nuclear-Targeted Photothermal Therapy Prevents Cancer Recurrence with Near-Infrared Triggered Copper Sulfide Nanoparticles. ACS Nano, 2018, 12, 5197-5206.	7.3	213
10	Nuclear-targeted siRNA delivery for long-term gene silencing. Chemical Science, 2017, 8, 2816-2822.	3.7	48
11	Tumor microenvironment-triggered fabrication of gold nanomachines for tumor-specific photoacoustic imaging and photothermal therapy. Chemical Science, 2017, 8, 4896-4903.	3.7	92
12	A DNA Tetrahedron Nanoprobe with Controlled Distance of Dyes for Multiple Detection in Living Cells and in Vivo. Analytical Chemistry, 2017, 89, 6670-6677.	3.2	64
13	Multiplexed gene silencing in living cells and in vivo using a DNAzymesâ€“CoOOH nanocomposite. Chemical Communications, 2017, 53, 4962-4965.	2.2	27
14	Hollow Mesoporous Silica Nanoparticles with Tunable Structures for Controlled Drug Delivery. ACS Applied Materials & Interfaces, 2017, 9, 2123-2129.	4.0	213
15	Nanocarriers with multi-locked DNA valves targeting intracellular tumor-related mRNAs for controlled drug release. Nanoscale, 2017, 9, 17318-17324.	2.8	17
16	Dual-Ratiometric Fluorescent Nanoprobe for Visualizing the Dynamic Process of pH and Superoxide Anion Changes in Autophagy and Apoptosis. ACS Applied Materials & Interfaces, 2017, 9, 27512-27521.	4.0	47
17	Simultaneous detection of multiple targets involved in the PI3K/AKT pathway for investigating cellular migration and invasion with a multicolor fluorescent nanoprobe. Chemical Communications, 2017, 53, 356-359.	2.2	52
18	Fluorescent Nanocomposite for Visualizing Cross-Talk between MicroRNA-21 and Hydrogen Peroxide in Ischemia-Reperfusion Injury in Live Cells and In Vivo. Analytical Chemistry, 2016, 88, 11886-11891.	3.2	59

#	Article	IF	Citations
19	Ratiometric Fluorescence Nanoprobes for Subcellular pH Imaging with a Single-Wavelength Excitation in Living Cells. Analytical Chemistry, 2016, 88, 6743-6748.	3.2	108
20	A nuclear targeted dual-photosensitizer for drug-resistant cancer therapy with NIR activated multiple ROS. Chemical Science, 2016, 7, 4237-4244.	3.7	155
21	Real-Time Imaging of Mitochondrial Hydrogen Peroxide and pH Fluctuations in Living Cells Using a Fluorescent Nanosensor. Analytical Chemistry, 2015, 87, 3678-3684.	3.2	98
22	A Near-Infrared Triggered Nanophotosensitizer Inducing Domino Effect on Mitochondrial Reactive Oxygen Species Burst for Cancer Therapy. ACS Nano, 2015, 9, 11064-11074.	7.3	274
23	Temperature-responsive DNA-gated nanocarriers for intracellular controlled release. Chemical Communications, 2014, 50, 3494-3497.	2.2	64
24	A Nearâ€Infrared Lightâ€Triggered Nanocarrier with Reversible DNA Valves for Intracellular Controlled Release. Advanced Functional Materials, 2013, 23, 2255-2262.	7.8	91
25	Simultaneous Detection of Intracellular Tumor mRNA with Biâ€Color Imaging Based on a Gold Nanoparticle/Molecular Beacon. Chemistry - A European Journal, 2011, 17, 11210-11215.	1.7	74