Huanhuan Fan

List of Publications by Year
in descending order

16 papers	2,204 citations	566801 15 h-index	839053 18 g-index
18 all docs	18 docs citations	18 times ranked	2957 citing authors

#	Article	IF	Citations
1	Activatable Fluorescence/MRI Bimodal Platform for Tumor Cell Imaging via MnO₂ Nanosheetâ€“Aptamer Nanoprobe. Journal of the American Chemical Society, 2014, 136, 11220-11223.	6.6	522
2	A Smart Photosensitizerâ€“Manganese Dioxide Nanosystem for Enhanced Photodynamic Therapy by Reducing Glutathione Levels in Cancer Cells. Angewandte Chemie - International Edition, 2016, 55, 5477-5482.	7.2	471
3	A Smart DNAzymeâ€“MnO₂ Nanosystem for Efficient Gene Silencing. Angewandte Chemie - International Edition, 2015, 54, 4801-4805.	7.2	253
4	Imaging Endogenous Metal Ions in Living Cells Using a DNAzymeâ€“Catalytic Hairpin Assembly Probe. Angewandte Chemie - International Edition, 2017, 56, 8721-8725.	7.2	177
5	Engineering of Bioinspired, Size-Controllable, Self-Degradable Cancer-Targeting DNA Nanoflowers via the Incorporation of an Artificial Sandwich Base. Journal of the American Chemical Society, 2019, 141, 4282-4290.	6.6	133
6	Gold nanorod-photosensitizer conjugate with extracellular pH-driven tumor targeting ability for photothermal/photodynamic therapy. Nano Research, 2014, 7, 1291-1301.	5.8	97
7	Recent advances in DNAzyme-based gene silencing. Science China Chemistry, 2017, 60, 591-601.	4.2	93
8	A Smart Photosensitizerâ€“Manganese Dioxide Nanosystem for Enhanced Photodynamic Therapy by Reducing Glutathione Levels in Cancer Cells. Angewandte Chemie, 2016, 128, 5567-5572.	1.6	75
9	Monitoring Telomerase Activity in Living Cells with High Sensitivity Using Cascade Amplification Reaction-Based Nanoprobe. Analytical Chemistry, 2019, 91, 13143-13151.	3.2	60
10	DNAzymeâ€Mediated Genetically Encoded Sensors for Ratiometric Imaging of Metal Ions in Living Cells. Angewandte Chemie - International Edition, 2020, 59, 1891-1896.	7.2	59
11	Sequential Protein-Responsive Nanophotosensitizer Complex for Enhancing Tumor-Specific Therapy. ACS Nano, 2019, 13, 6702-6710.	7.3	52
12	Imaging Endogenous Metal Ions in Living Cells Using a DNAzymeâ€“Catalytic Hairpin Assembly Probe. Angewandte Chemie, 2017, 129, 8847-8851.	1.6	44
13	Simultaneous tracking of drug molecules and carriers using aptamer-functionalized fluorescent superstable gold nanorodâ€“carbon nanocapsules during thermo-chemotherapy. Nanoscale, 2016, 8, 7942-7948.	2.8	28
14	An MTH1-targeted nanosystem for enhanced PDT via improving cellular sensitivity to reactive oxygen species. Chemical Communications, 2018, 54, 4310-4313.	2.2	26
15	DNAzymeâ€Mediated Genetically Encoded Sensors for Ratiometric Imaging of Metal Ions in Living Cells. Angewandte Chemie, 2020, 132, 1907-1912.	1.6	11
16	RÃ¼cktitelbild: A Smart Photosensitizerâ€“Manganese Dioxide Nanosystem for Enhanced Photodynamic Therapy by Reducing Glutathione Levels in Cancer Cells (Angew. Chem. 18/2016). Angewandte Chemie, 2016, 128, 5702-5702.	1.6	3