Tian Zhao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10900841/publications.pdf

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16	2,056	567281 15	839539 18
papers	citations	h-index	g-index

18	18	18	3550
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A nanoparticle-based strategy for the imaging of a broad range of tumours by nonlinear amplification of microenvironment signals. Nature Materials, 2014, 13, 204-212.	27.5	695
2	Ultra-pH-Sensitive Nanoprobe Library with Broad pH Tunability and Fluorescence Emissions. Journal of the American Chemical Society, 2014, 136, 11085-11092.	13.7	241
3	Optical molecular imaging for tumor detection and image-guided surgery. Biomaterials, 2018, 157, 62-75.	11.4	178
4	A transistor-like pH nanoprobe for tumour detection and image-guided surgery. Nature Biomedical Engineering, 2017, 1, .	22.5	163
5	Investigation of endosome and lysosome biology by ultra pH-sensitive nanoprobes. Advanced Drug Delivery Reviews, 2017, 113, 87-96.	13.7	135
6	Small-molecule TFEB pathway agonists that ameliorate metabolic syndrome in mice and extend C. elegans lifespan. Nature Communications, 2017, 8, 2270.	12.8	121
7	Development of amperometric glucose biosensor through immobilizing enzyme in a Pt nanoparticles/mesoporous carbon matrix. Talanta, 2008, 74, 1586-1591.	5.5	107
8	Molecular basis of cooperativity in pH-triggered supramolecular self-assembly. Nature Communications, 2016, 7, 13214.	12.8	98
9	A nanobuffer reporter library for fine-scale imaging and perturbation of endocytic organelles. Nature Communications, 2015, 6, 8524.	12.8	71
10	Digitization of Endocytic pH by Hybrid Ultraâ€pHâ€Sensitive Nanoprobes at Singleâ€Organelle Resolution. Advanced Materials, 2017, 29, 1603794.	21.0	69
11	Mesoporous MnO2 as enzyme immobilization host for amperometric glucose biosensor construction. Electrochemistry Communications, 2008, 10, 1318-1321.	4.7	51
12	PET imaging of occult tumours by temporal integration of tumour-acidosis signals from pH-sensitive 64Cu-labelled polymers. Nature Biomedical Engineering, 2020, 4, 314-324.	22.5	48
13	A Redoxâ€Activatable Fluorescent Sensor for the Highâ€Throughput Quantification of Cytosolic Delivery of Macromolecules. Angewandte Chemie - International Edition, 2017, 56, 1319-1323.	13.8	30
14	Hyaluronic Acid-Functionalized Gadolinium Oxide Nanoparticles for Magnetic Resonance Imaging-Guided Radiotherapy of Tumors. Nanoscale Research Letters, 2020, 15, 94.	5.7	17
15	A Theranostic Nanocomplex Combining with Magnetic Hyperthermia for Enhanced Accumulation and Efficacy of pH-Triggering Polymeric Cisplatin(IV) Prodrugs. Pharmaceuticals, 2022, 15, 480.	3.8	7
16	A Redoxâ€Activatable Fluorescent Sensor for the Highâ€Throughput Quantification of Cytosolic Delivery of Macromolecules. Angewandte Chemie, 2017, 129, 1339-1343.	2.0	6