

Ting-Ting Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6255836/publications.pdf>

Version: 2024-02-01

32
papers

1,952
citations

361413

20
h-index

395702

33
g-index

33
all docs

33
docs citations

33
times ranked

2798
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomaterialized Metal-Organic Framework Nanoparticles Enable Intracellular Delivery and Endo-Lysosomal Release of Native Active Proteins. <i>Journal of the American Chemical Society</i> , 2018, 140, 9912-9920.	13.7	348
2	A Dual-Emission Fluorescent Nanocomplex of Gold-Cluster-Decorated Silica Particles for Live Cell Imaging of Highly Reactive Oxygen Species. <i>Journal of the American Chemical Society</i> , 2013, 135, 11595-11602.	13.7	280
3	Fluorescence Activation Imaging of Cytochrome c Released from Mitochondria Using Aptameric Nanosensor. <i>Journal of the American Chemical Society</i> , 2015, 137, 982-989.	13.7	163
4	Nanoscale Zeolitic Imidazolate Framework-8 for Ratiometric Fluorescence Imaging of MicroRNA in Living Cells. <i>Analytical Chemistry</i> , 2017, 89, 12351-12359.	6.5	122
5	Aptamer-Functionalized DNA Origami for Targeted Codelivery of Antisense Oligonucleotides and Doxorubicin to Enhance Therapy in Drug-Resistant Cancer Cells. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 400-409.	8.0	99
6	MnO ₂ -induced synthesis of fluorescent polydopamine nanoparticles for reduced glutathione sensing in human whole blood. <i>Nanoscale</i> , 2016, 8, 15604-15610.	5.6	87
7	Biomaterialized Metal-Organic Framework Nanoparticles Enable Enzymatic Rolling Circle Amplification in Living Cells for Ultrasensitive MicroRNA Imaging. <i>Analytical Chemistry</i> , 2019, 91, 9049-9057.	6.5	85
8	In Situ Synthesis of Ultrathin ZIF-8 Film-Coated MSNs for Codelivering Bcl 2 siRNA and Doxorubicin to Enhance Chemotherapeutic Efficacy in Drug-Resistant Cancer Cells. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 33070-33077.	8.0	82
9	A cobalt oxyhydroxide nanoflake-based nanoprobe for the sensitive fluorescence detection of T4 polynucleotide kinase activity and inhibition. <i>Nanoscale</i> , 2016, 8, 8202-8209.	5.6	71
10	RNA imaging in living mice enabled by an <i>in vivo</i> hybridization chain reaction circuit with a tripartite DNA probe. <i>Chemical Science</i> , 2020, 11, 62-69.	7.4	71
11	Biomaterialized metal-organic framework nanoparticles enable a primer exchange reaction-based DNA machine to work in living cells for imaging and gene therapy. <i>Chemical Science</i> , 2020, 11, 7092-7101.	7.4	69
12	A microRNA-triggered self-powered DNAzyme walker operating in living cells. <i>Biosensors and Bioelectronics</i> , 2019, 136, 31-37.	10.1	63
13	Double-strand DNA-templated synthesis of copper nanoclusters as novel fluorescence probe for label-free detection of biothiols. <i>Analytical Methods</i> , 2013, 5, 3577.	2.7	62
14	A new label-free and turn-on strategy for endonuclease detection using a DNA-silver nanocluster probe. <i>Talanta</i> , 2015, 131, 116-120.	5.5	49
15	mRNA-Activated Multifunctional DNAzyme Nanotweezer for Intracellular mRNA Sensing and Gene Therapy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 8015-8025.	8.0	30
16	CoOOH-induced synthesis of fluorescent polydopamine nanoparticles for the detection of ascorbic acid. <i>Analytical Methods</i> , 2017, 9, 5518-5524.	2.7	28
17	Molecular Switching of a Self-Assembled 3D DNA Nanomachine for Spatiotemporal pH Mapping in Living Cells. <i>Analytical Chemistry</i> , 2019, 91, 10366-10370.	6.5	28
18	An enzyme-initiated DNAzyme motor for RNase H activity imaging in living cell. <i>Chemical Communications</i> , 2020, 56, 639-642.	4.1	24

#	ARTICLE	IF	CITATIONS
19	A photocontrolled and self-powered bipedal DNA walking machine for intracellular microRNA imaging. <i>Chemical Communications</i> , 2020, 56, 3496-3499.	4.1	24
20	Target-assisted self-cleavage DNAzyme probes for multicolor simultaneous imaging of tumor-related microRNAs with signal amplification. <i>Chemical Communications</i> , 2019, 55, 3278-3281.	4.1	22
21	2D g-C ₃ N ₄ @MnO ₂ nanocomposite for sensitive and rapid turn-on fluorescence detection of H ₂ O ₂ and glucose. <i>Analytical Methods</i> , 2018, 10, 5084-5090.	2.7	19
22	A spatial-confinement hairpin cascade reaction-based DNA tetrahedral amplifier for mRNA imaging in live cells. <i>Talanta</i> , 2020, 207, 120287.	5.5	19
23	An intelligent nanodevice based on the synergistic effect of telomerase-triggered photodynamic therapy and gene-silencing for precise cancer cell therapy. <i>Nanoscale</i> , 2020, 12, 10380-10389.	5.6	19
24	An aptasensor based on cobalt oxyhydroxide nanosheets for the detection of thrombin. <i>Analytical Methods</i> , 2016, 8, 7199-7203.	2.7	16
25	Biomaterialized Zeolitic Imidazolate Framework-8 Nanoparticles Enable Polymerase-Driven DNA Biocomputing for Reliable Cell Identification. <i>Analytical Chemistry</i> , 2022, 94, 4794-4802.	6.5	14
26	An RNase H-powered DNA walking machine for sensitive detection of RNase H and the screening of related inhibitors. <i>Nanoscale</i> , 2020, 12, 1673-1679.	5.6	13
27	Biomaterialized zeolitic imidazolate framework-8 nanoparticles enable polymerase/endonuclease synergetic amplification reaction in living cells for sensitive microRNA imaging. <i>Chemical Communications</i> , 2021, 57, 8472-8475.	4.1	7
28	Improving resolving ability of expansion microscopy by varying crosslinker concentration. <i>Chemical Communications</i> , 2020, 56, 4176-4179.	4.1	5
29	Engineering a Biodegradable Nanocarrier for Enhancing the Response of T98G Cells to Temozolomide. <i>ACS Applied Bio Materials</i> , 2020, 3, 3337-3344.	4.6	5
30	A Novel Biosensor Based on Terminal Protection and Fluorescent Copper Nanoparticles for Detecting Potassium Ion. <i>Analytical Sciences</i> , 2017, 33, 1369-1374.	1.6	4
31	Novel Sensitive Fluorometric Determination of Exonuclease I Using Polydopamine Nanospheres. <i>Analytical Letters</i> , 2018, 51, 998-1012.	1.8	3
32	Cobalt Oxyhydroxide-prompted Synthesis of Fluorescent Polydopamine Nanoparticles for Glutathione Detection. <i>Analytical Sciences</i> , 2020, 36, 347-352.	1.6	2