

Wencheng Zhu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1496731/publications.pdf>

Version: 2024-02-01

35
papers

2,418
citations

279487

23
h-index

395343

33
g-index

36
all docs

36
docs citations

36
times ranked

4717
citing authors

#	ARTICLE	IF	CITATIONS
1	A Bioinspired Mineral Hydrogel as a Self-Healable, Mechanically Adaptable Ionic Skin for Highly Sensitive Pressure Sensing. <i>Advanced Materials</i> , 2017, 29, 1700321.	11.1	811
2	UDP-glucose accelerates SNAI1 mRNA decay and impairs lung cancer metastasis. <i>Nature</i> , 2019, 571, 127-131.	13.7	140
3	Simultaneous dual-colour tracking lipid droplets and lysosomes dynamics using a fluorescent probe. <i>Chemical Science</i> , 2019, 10, 2342-2348.	3.7	132
4	Highly Selective Colorimetric/Fluorometric Dual-Channel Fluoride Ion Probe, and Its Capability of Differentiating Cancer Cells. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 7996-8000.	4.0	120
5	Hydrophilic MoSe ₂ Nanosheets as Effective Photothermal Therapy Agents and Their Application in Smart Devices. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 20900-20908.	4.0	104
6	Iron oxide nanoparticles promote macrophage autophagy and inflammatory response through activation of toll-like Receptor-4 signaling. <i>Biomaterials</i> , 2019, 203, 23-30.	5.7	102
7	Self-Assembly of a Highly Emissive Pure Organic Imine-Based Stack for Electroluminescence and Cell Imaging. <i>Journal of the American Chemical Society</i> , 2019, 141, 4704-4710.	6.6	101
8	Bio-Inspired Ionic Skin for Theranostics. <i>Advanced Functional Materials</i> , 2021, 31, 2008020.	7.8	99
9	Î±-Ketoglutarate-Activated NF-Î²B Signaling Promotes Compensatory Glucose Uptake and Brain Tumor Development. <i>Molecular Cell</i> , 2019, 76, 148-162.e7.	4.5	94
10	Delivery of siRNA by MRI-visible nanovehicles to overcome drug resistance in MCF-7/ADR human breast cancer cells. <i>Biomaterials</i> , 2014, 35, 9495-9507.	5.7	67
11	Recent advances in 1,8-naphthalimide-based small-molecule fluorescent probes for organelles imaging and tracking in living cells. <i>Coordination Chemistry Reviews</i> , 2021, 444, 214019.	9.5	66
12	MoS ₂ -based dual-responsive flexible anisotropic actuators. <i>Nanoscale</i> , 2016, 8, 18800-18807.	2.8	48
13	A specific bioprobe for super-resolution fluorescence imaging of lipid droplets. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 3148-3154.	4.0	48
14	A small secreted protein triggers a TLR2/4-dependent inflammatory response during invasive <i>Candida albicans</i> infection. <i>Nature Communications</i> , 2019, 10, 1015.	5.8	45
15	Negatively Charged Magnetite Nanoparticle Clusters as Efficient MRI Probes for Dendritic Cell Labeling and In Vivo Tracking. <i>Advanced Functional Materials</i> , 2015, 25, 3581-3591.	7.8	43
16	A Facile Strategy for the Construction of Purely Organic Optical Sensors Capable of Distinguishing D ₂ O from H ₂ O. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6280-6284.	7.2	40
17	Superparamagnetic MRI probes for in vivo tracking of dendritic cell migration with a clinical 3T scanner. <i>Biomaterials</i> , 2015, 58, 63-71.	5.7	39
18	Bioactive iron oxide nanoparticles suppress osteoclastogenesis and ovariectomy-induced bone loss through regulating the TRAF6-p62-CYLD signaling complex. <i>Acta Biomaterialia</i> , 2020, 103, 281-292.	4.1	38

#	ARTICLE	IF	CITATIONS
19	Derepression of LOXL4 inhibits liver cancer growth by reactivating compromised p53. <i>Cell Death and Differentiation</i> , 2019, 26, 2237-2252.	5.0	36
20	Reduction of polyethylenimine-coated iron oxide nanoparticles induced autophagy and cytotoxicity by lactosylation. <i>International Journal of Energy Production and Management</i> , 2016, 3, 223-229.	1.9	29
21	A novel fluorescent pH probe with valuable pK _a based on a twisted intramolecular charge transfer mechanism, and its applications in cell imaging. <i>RSC Advances</i> , 2014, 4, 36849-36853.	1.7	25
22	A rapid response colorimetric and ratiometric fluorescent sensor for detecting fluoride ion, and its application in real sample analysis. <i>Tetrahedron Letters</i> , 2016, 57, 5846-5849.	0.7	25
23	Lactosylated N-Alkyl polyethylenimine coated iron oxide nanoparticles induced autophagy in mouse dendritic cells. <i>International Journal of Energy Production and Management</i> , 2018, 5, 141-149.	1.9	25
24	Merge and separation of NuA4 and SWR1 complexes control cell fate plasticity in <i>Candida albicans</i> . <i>Cell Discovery</i> , 2018, 4, 45.	3.1	24
25	Cell-Cycle-Dependent Phosphorylation of PRPS1 Fuels Nucleotide Synthesis and Promotes Tumorigenesis. <i>Cancer Research</i> , 2019, 79, 4650-4664.	0.4	23
26	Iron oxide nanoparticles promote vascular endothelial cells survival from oxidative stress by enhancement of autophagy. <i>International Journal of Energy Production and Management</i> , 2019, 6, 221-229.	1.9	21
27	Phosphorylation of LIFR promotes prostate cancer progression by activating the AKT pathway. <i>Cancer Letters</i> , 2019, 451, 110-121.	3.2	20
28	Super-resolution imaging and real-time tracking lysosome in living cells by a fluorescent probe. <i>Science China Chemistry</i> , 2018, 61, 483-489.	4.2	18
29	Bre1 and Ubp8 regulate H2B mono-ubiquitination and the reversible yeast-hyphae transition in <i>Candida albicans</i> . <i>Molecular Microbiology</i> , 2021, 115, 332-343.	1.2	10
30	Visualizing Lysosomal Positioning with a Fluorescent Probe Reveals a New Synergistic Anticancer Effect. <i>ACS Sensors</i> , 2022, 7, 1867-1873.	4.0	7
31	A Facile Strategy for the Construction of Purely Organic Optical Sensors Capable of Distinguishing D ₂ O from H ₂ O. <i>Angewandte Chemie</i> , 2019, 131, 6346-6350.	1.6	6
32	Ino80 is required for H2A.Z eviction from hypha-specific promoters and hyphal development of <i>Candida albicans</i> . <i>Molecular Microbiology</i> , 0, , .	1.2	5
33	MRI Tracking of Dendritic Cells Loaded with Superparamagnetic Iron Oxide Nanoparticles. <i>Methods in Molecular Biology</i> , 2020, 2126, 107-116.	0.4	4
34	The MRI-Visible Nanocomposite Facilitates the Delivery and Tracking of siRNA Loaded DC Vaccine in the Breast Cancer Model. <i>Frontiers in Oncology</i> , 2020, 10, 621642.	1.3	2
35	MRI-Visible Nanovehicle for Efficient siRNA Delivery. <i>Methods in Molecular Biology</i> , 2021, 2282, 195-208.	0.4	0