

Yi Cui

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6509518/publications.pdf>

Version: 2024-02-01

28
papers

1,667
citations

361045

20
h-index

500791

28
g-index

29
all docs

29
docs citations

29
times ranked

3475
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical tuning of layered lithium transition metal oxides for improvement of oxygen evolution reaction. <i>Nature Communications</i> , 2014, 5, 4345.	5.8	411
2	CRISPR-dCas9 mediated TET1 targeting for selective DNA demethylation at <i>BRCA1</i> promoter. <i>Oncotarget</i> , 2016, 7, 46545-46556.	0.8	263
3	Quantitative imaging of single mRNA splice variants in living cells. <i>Nature Nanotechnology</i> , 2014, 9, 474-480.	15.6	148
4	Identifying the Active Surfaces of Electrochemically Tuned LiCoO ₂ for Oxygen Evolution Reaction. <i>Journal of the American Chemical Society</i> , 2017, 139, 6270-6276.	6.6	143
5	Malic Acid Carbon Dots: From Super-resolution Live-Cell Imaging to Highly Efficient Separation. <i>ACS Nano</i> , 2018, 12, 5741-5752.	7.3	135
6	Synthesis, applications and potential photoluminescence mechanism of spectrally tunable carbon dots. <i>Nanoscale</i> , 2019, 11, 20411-20428.	2.8	96
7	Single-Cell Quantification of Cytosine Modifications by Hyperspectral Dark-Field Imaging. <i>ACS Nano</i> , 2015, 9, 11924-11932.	7.3	54
8	Optical Clearing Delivers Ultrasensitive Hyperspectral Dark-Field Imaging for Single-Cell Evaluation. <i>ACS Nano</i> , 2016, 10, 3132-3143.	7.3	52
9	Oxygen nanobubbles revert hypoxia by methylation programming. <i>Scientific Reports</i> , 2017, 7, 9268.	1.6	45
10	Fluctuation localization imaging-based fluorescence in situ hybridization (fliFISH) for accurate detection and counting of RNA copies in single cells. <i>Nucleic Acids Research</i> , 2018, 46, e7-e7.	6.5	31
11	The hypomethylating agent Decitabine causes a paradoxical increase in 5-hydroxymethylcytosine in human leukemia cells. <i>Scientific Reports</i> , 2015, 5, 9281.	1.6	30
12	Epigenetic biomarker screening by FLIM-FRET for combination therapy in ER+ breast cancer. <i>Clinical Epigenetics</i> , 2019, 11, 16.	1.8	30
13	Dissecting the behavior and function of MBD3 in DNA methylation homeostasis by single-molecule spectroscopy and microscopy. <i>Nucleic Acids Research</i> , 2015, 43, 3046-3055.	6.5	28
14	Quantitative Mapping of Oxidative Stress Response to Lithium Cobalt Oxide Nanoparticles in Single Cells Using Multiplexed <i>In Situ</i> Gene Expression Analysis. <i>Nano Letters</i> , 2019, 19, 1990-1997.	4.5	25
15	PLGA-PEG nano-delivery system for epigenetic therapy. <i>Biomedicine and Pharmacotherapy</i> , 2017, 90, 586-597.	2.5	24
16	Real-time dynamics of methyl-CpG-binding domain protein 3 and its role in DNA demethylation by fluorescence correlation spectroscopy. <i>Epigenetics</i> , 2013, 8, 1089-1100.	1.3	23
17	Optogenetic regulation of site-specific subtelomeric DNA-methylation. <i>Oncotarget</i> , 2016, 7, 50380-50391.	0.8	23
18	Inside single cells: quantitative analysis with advanced optics and nanomaterials. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2015, 7, 387-407.	3.3	22

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19	Selective increase in subtelomeric DNA methylation: an epigenetic biomarker for malignant glioma. <i>Clinical Epigenetics</i> , 2015, 7, 107.	1.8	21
20	Impact of lithiated cobalt oxide and phosphate nanoparticles on rainbow trout gill epithelial cells. <i>Nanotoxicology</i> , 2018, 12, 1166-1181.	1.6	20
21	Epigenetic toxicity of trichloroethylene: a single-molecule perspective. <i>Toxicology Research</i> , 2016, 5, 641-650.	0.9	10
22	Quantitative real-time kinetics of optogenetic proteins CRY2 and CIB1/N using single-molecule tools. <i>Analytical Biochemistry</i> , 2014, 458, 58-60.	1.1	9
23	Beyond quantification: <i>in situ</i> analysis of transcriptome and pre-mRNA alternative splicing at the nanoscale. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2017, 9, e1443.	3.3	9
24	Modulation of Gene Silencing by Cdc7p via H4 K16 Acetylation and Phosphorylation of Chromatin Assembly Factor CAF-1 in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2019, 211, 1219-1237.	1.2	5
25	Counting mRNA Copies in Intact Bacterial Cells by Fluctuation Localization Imaging-Based Fluorescence In Situ Hybridization (fliFISH). <i>Methods in Molecular Biology</i> , 2021, 2246, 237-247.	0.4	3
26	CAF-1 and Rtt101p function within the replication-coupled chromatin assembly network to promote H4 K16ac, preventing ectopic silencing. <i>PLoS Genetics</i> , 2020, 16, e1009226.	1.5	3
27	Basic studies on epigenetic carcinogenesis of low-dose exposure to 1-trichloromethyl-1,2,3,4-tetrahydro- β -carboline (TaClo) <i>in vitro</i> . <i>PLoS ONE</i> , 2017, 12, e0172243.	1.1	2
28	Cover Image, Volume 9, Issue 4. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2017, 9, e1484.	3.3	1