

Yi Cui

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28

papers

1,303

citations

18

h-index

29

g-index

29

ext. papers

1,492

ext. citations

9.4

avg, IF

4.6

L-index

#	Paper	IF	Citations
28	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	1.4	0
27	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	6	0
26	Quantitative Mapping of Oxidative Stress Response to Lithium Cobalt Oxide Nanoparticles in Single Cells Using Multiplexed in Situ Gene Expression Analysis. <i>Nano Letters</i> , 2019 , 19, 1990-1997	11.5	18
25	Modulation of Gene Silencing by Cdc7p via H4 K16 Acetylation and Phosphorylation of Chromatin Assembly Factor CAF-1 in. <i>Genetics</i> , 2019 , 211, 1219-1237	4	3
24	Epigenetic biomarker screening by FLIM-FRET for combination therapy in ER+ breast cancer. <i>Clinical Epigenetics</i> , 2019 , 11, 16	7.7	20
23	Synthesis, applications and potential photoluminescence mechanism of spectrally tunable carbon dots. <i>Nanoscale</i> , 2019 , 11, 20411-20428	7.7	55
22	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	20.1	21
21	Malic Acid Carbon Dots: From Super-resolution Live-Cell Imaging to Highly Efficient Separation. <i>ACS Nano</i> , 2018 , 12, 5741-5752	16.7	98
20	Impact of lithiated cobalt oxide and phosphate nanoparticles on rainbow trout gill epithelial cells. <i>Nanotoxicology</i> , 2018 , 12, 1166-1181	5.3	15
19	PLGA-PEG nano-delivery system for epigenetic therapy. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 90, 586-597	7.5	15
18	Identifying the Active Surfaces of Electrochemically Tuned LiCoO for Oxygen Evolution Reaction. <i>Journal of the American Chemical Society</i> , 2017 , 139, 6270-6276	16.4	115
17	Cover Image, Volume 9, Issue 4. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2017 , 9, e1484	9.2	1
16	Oxygen nanobubbles revert hypoxia by methylation programming. <i>Scientific Reports</i> , 2017 , 7, 9268	4.9	28
15	Beyond quantification: in situ analysis of transcriptome and pre-mRNA alternative splicing at the nanoscale. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2017 , 9, e1443	9.2	8
14	Basic studies on epigenetic carcinogenesis of low-dose exposure to 1-trichloromethyl-1,2,3,4-tetrahydro- β -carboline (TaClo) in vitro. <i>PLoS ONE</i> , 2017 , 12, e0172243	3.7	2
13	Epigenetic Toxicity of Trichloroethylene: A Single-Molecule Perspective. <i>Toxicology Research</i> , 2016 , 5, 641-650	2.6	10
12	Optical Clearing Delivers Ultrasensitive Hyperspectral Dark-Field Imaging for Single-Cell Evaluation. <i>ACS Nano</i> , 2016 , 10, 3132-43	16.7	39

11	Optogenetic regulation of site-specific subtelomeric DNA methylation. <i>Oncotarget</i> , 2016 , 7, 50380-50391.	3.3	22
10	CRISPR-dCas9 mediated TET1 targeting for selective DNA demethylation at BRCA1 promoter. <i>Oncotarget</i> , 2016 , 7, 46545-46556	3.3	194
9	The hypomethylating agent Decitabine causes a paradoxical increase in 5-hydroxymethylcytosine in human leukemia cells. <i>Scientific Reports</i> , 2015 , 5, 9281	4.9	24
8	Single-Cell Quantification of Cytosine Modifications by Hyperspectral Dark-Field Imaging. <i>ACS Nano</i> , 2015 , 9, 11924-32	16.7	41
7	Dissecting the behavior and function of MBD3 in DNA methylation homeostasis by single-molecule spectroscopy and microscopy. <i>Nucleic Acids Research</i> , 2015 , 43, 3046-55	20.1	26
6	Inside single cells: quantitative analysis with advanced optics and nanomaterials. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2015 , 7, 387-407	9.2	22
5	Selective increase in subtelomeric DNA methylation: an epigenetic biomarker for malignant glioma. <i>Clinical Epigenetics</i> , 2015 , 7, 107	7.7	18
4	Quantitative imaging of single mRNA splice variants in living cells. <i>Nature Nanotechnology</i> , 2014 , 9, 474-80.	28.7	130
3	Electrochemical tuning of layered lithium transition metal oxides for improvement of oxygen evolution reaction. <i>Nature Communications</i> , 2014 , 5, 4345	17.4	350
2	Quantitative real-time kinetics of optogenetic proteins CRY2 and CIB1/N using single-molecule tools. <i>Analytical Biochemistry</i> , 2014 , 458, 58-60	3.1	8
1	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, 1089-100	5.7	20