

Beth A Cimini

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2222580/publications.pdf>

Version: 2024-02-01

22
papers

5,460
citations

687363

13
h-index

752698

20
g-index

32
all docs

32
docs citations

32
times ranked

10374
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Imaging of Genomic Loci in Living Human Cells by an Optimized CRISPR/Cas System. <i>Cell</i> , 2013, 155, 1479-1491.	28.9	1,695
2	CellProfiler 3.0: Next-generation image processing for biology. <i>PLoS Biology</i> , 2018, 16, e2005970.	5.6	1,547
3	Genetic and transcriptional evolution alters cancer cell line drug response. <i>Nature</i> , 2018, 560, 325-330.	27.8	662
4	CellProfiler 4: improvements in speed, utility and usability. <i>BMC Bioinformatics</i> , 2021, 22, 433.	2.6	592
5	Nucleus segmentation across imaging experiments: the 2018 Data Science Bowl. <i>Nature Methods</i> , 2019, 16, 1247-1253.	19.0	433
6	Visualization of actin filaments and monomers in somatic cell nuclei. <i>Molecular Biology of the Cell</i> , 2013, 24, 982-994.	2.1	139
7	CellProfiler Analyst 3.0: accessible data exploration and machine learning for image analysis. <i>Bioinformatics</i> , 2021, 37, 3992-3994.	4.1	66
8	Open-source deep-learning software for bioimage segmentation. <i>Molecular Biology of the Cell</i> , 2021, 32, 823-829.	2.1	50
9	Control of osteocyte dendrite formation by Sp7 and its target gene osteocrin. <i>Nature Communications</i> , 2021, 12, 6271.	12.8	41
10	In situ visualization of telomere elongation patterns in human cells. <i>Nucleic Acids Research</i> , 2013, 41, e176-e176.	14.5	27
11	Scientific Community Image Forum: A discussion forum for scientific image software. <i>PLoS Biology</i> , 2019, 17, e3000340.	5.6	27
12	Role of acetylcholine in nitric oxide production in the salamander retina. <i>Journal of Comparative Neurology</i> , 2008, 507, 1952-1963.	1.6	22
13	ImageJ and CellProfiler: Complements in Open-Source Bioimage Analysis. <i>Current Protocols</i> , 2021, 1, e89.	2.9	20
14	2020 BioImage Analysis Survey: Community experiences and needs for the future. <i>Biological Imaging</i> , 2022, 1, .	2.2	15
15	The NEUBIAS Gateway: a hub for bioimage analysis methods and materials. <i>F1000Research</i> , 2020, 9, 613.	1.6	11
16	Preliminary development of an assay for detection of TERT expression, telomere length, and telomere elongation in single cells. <i>PLoS ONE</i> , 2018, 13, e0206525.	2.5	9
17	Resolving cell state in iPSC-derived human neural samples with multiplexed fluorescence imaging. <i>Communications Biology</i> , 2021, 4, 786.	4.4	7
18	Molecular Diversity of Glutamatergic and GABAergic Synapses from Multiplexed Fluorescence Imaging. <i>ENeuro</i> , 2021, 8, ENEURO.0286-20.2020.	1.9	7

#	ARTICLE	IF	CITATIONS
19	Abstract 214: Genetic and transcriptional instability alters cell line drug response. , 2018, , .		1
20	In Situ Visualization of Telomere Length, Telomere Elongation, and TERT Expression in Single Cells. Current Protocols in Cell Biology, 2019, 85, e97.	2.3	0
21	Abstract A26: Telomere length in normal and tumor breast tissue from BRCA2 mutation carriers and sporadic breast cancer cases. , 2016, , .		0
22	Abstract 3371: Analysis of telomere length and dysfunction in normal breast tissue from BRCA2 mutation carriers. , 2018, , .		0