

Graham D Wright

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8311927/publications.pdf>

Version: 2024-02-01

36
papers

1,630
citations

394421

19
h-index

345221

36
g-index

41
all docs

41
docs citations

41
times ranked

3223
citing authors

#	ARTICLE	IF	CITATIONS
1	Tutorial: guidance for quantitative confocal microscopy. <i>Nature Protocols</i> , 2020, 15, 1585-1611.	12.0	201
2	A mammalian KASH domain protein coupling meiotic chromosomes to the cytoskeleton. <i>Journal of Cell Biology</i> , 2013, 202, 1023-1039.	5.2	193
3	Mutations in DZIP1L, which encodes a ciliary-transition-zone protein, cause autosomal recessive polycystic kidney disease. <i>Nature Genetics</i> , 2017, 49, 1025-1034.	21.4	148
4	Human Pluripotent Stem Cell-Derived Organoids as Models of Liver Disease. <i>Gastroenterology</i> , 2020, 159, 1471-1486.e12.	1.3	133
5	A unique role for p53 in the regulation of M2 macrophage polarization. <i>Cell Death and Differentiation</i> , 2015, 22, 1081-1093.	11.2	118
6	Progerin reduces LAP2 β -telomere association in Hutchinson-Gilford progeria. <i>ELife</i> , 2015, 4, .	6.0	96
7	Recurrent De Novo Mutations Affecting Residue Arg138 of Pyrroline-5-Carboxylate Synthase Cause a Progeroid Form of Autosomal-Dominant Cutis Laxa. <i>American Journal of Human Genetics</i> , 2015, 97, 483-492.	6.2	70
8	Nuclear envelope-associated endosomes deliver surface proteins to the nucleus. <i>Nature Communications</i> , 2015, 6, 8218.	12.8	61
9	SUN4 is essential for nuclear remodeling during mammalian spermiogenesis. <i>Developmental Biology</i> , 2015, 407, 321-330.	2.0	55
10	Myosin concentration underlies cell size-dependent scalability of actomyosin ring constriction. <i>Journal of Cell Biology</i> , 2011, 195, 799-813.	5.2	50
11	GapmeR cellular internalization by macropinocytosis induces sequence-specific gene silencing in human primary T-cells. <i>Scientific Reports</i> , 2016, 6, 37721.	3.3	49
12	The flexibility and dynamics of the tubules in the endoplasmic reticulum. <i>Scientific Reports</i> , 2017, 7, 16474.	3.3	48
13	Excitable behavior can explain the "ping-pong" mode of communication between cells using the same chemoattractant. <i>BioEssays</i> , 2012, 34, 259-266.	2.5	41
14	Nuclear Arc Interacts with the Histone Acetyltransferase Tip60 to Modify H4K12 Acetylation. <i>ENeuro</i> , 2014, 1, ENEURO.0019-14.2014.	1.9	41
15	Optical tweezer micromanipulation of filamentous fungi. <i>Fungal Genetics and Biology</i> , 2007, 44, 1-13.	2.1	38
16	Compartmentation of Mitochondrial and Oxidative Metabolism in Growing Hair Follicles: A Ring of Fire. <i>Journal of Investigative Dermatology</i> , 2017, 137, 1434-1444.	0.7	38
17	Imaging of native transcription factors and histone phosphorylation at high resolution in live cells. <i>Journal of Cell Biology</i> , 2018, 217, 1537-1552.	5.2	35
18	QUAREP&LiMi: A community-driven initiative to establish guidelines for quality assessment and reproducibility for instruments and images in light microscopy. <i>Journal of Microscopy</i> , 2021, 284, 56-73.	1.8	33

#	ARTICLE	IF	CITATIONS
19	Extracellular anti-angiogenic proteins augment an endosomal protein trafficking pathway to reach mitochondria and execute apoptosis in HUVECs. <i>Cell Death and Differentiation</i> , 2018, 25, 1905-1920.	11.2	25
20	Centrosome- and Golgi-Localized Protein Kinase N-Associated Protein Serves As a Docking Platform for Protein Kinase A Signaling and Microtubule Nucleation in Migrating T-Cells. <i>Frontiers in Immunology</i> , 2018, 9, 397.	4.8	22
21	Superresolution microscopy reveals distinct localisation of full length IRSp53 and its I-BAR domain protein within filopodia. <i>Scientific Reports</i> , 2019, 9, 2524.	3.3	16
22	High-content image generation for drug discovery using generative adversarial networks. <i>Neural Networks</i> , 2020, 132, 353-363.	5.9	16
23	Experimentally manipulating fungi with optical tweezers*. <i>Mycoscience</i> , 2007, 48, 15-19.	0.8	13
24	pS421 huntingtin modulates mitochondrial phenotypes and confers neuroprotection in an HD hiPSC model. <i>Cell Death and Disease</i> , 2020, 11, 809.	6.3	13
25	AKTIP interacts with ESCRT I and is needed for the recruitment of ESCRT III subunits to the midbody. <i>PLoS Genetics</i> , 2021, 17, e1009757.	3.5	13
26	Desmosome dualism – most of the junction is stable, but a plakophilin moiety is persistently dynamic. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	13
27	Cellular ageing of oral fibroblasts differentially modulates extracellular matrix organization. <i>Journal of Periodontal Research</i> , 2021, 56, 108-120.	2.7	10
28	Three-dimensional image analysis of the mouse cochlea. <i>Differentiation</i> , 2016, 91, 104-108.	1.9	7
29	New developments and novel applications in high throughput and high content imaging. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2016, 89, 705-707.	1.5	6
30	A high throughput drug screening paradigm using transgenic <i>Caenorhabditis elegans</i> model of Alzheimer’s disease. <i>Translational Medicine of Aging</i> , 2020, 4, 11-21.	1.3	6
31	Guidance for quantitative confocal microscopy. <i>Nature Protocols</i> , 2020, , .	12.0	6
32	Superresolution Microscopy of the Nuclear Envelope and Associated Proteins. <i>Methods in Molecular Biology</i> , 2016, 1411, 83-97.	0.9	5
33	Pushing the boundaries of high content imaging. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2017, 91, 113-114.	1.5	3
34	A user-interactive algorithm quantifying nuclear pore complex distribution within the nuclear lamina network in single molecular localization microscopic image. <i>Methods</i> , 2019, 157, 42-46.	3.8	3
35	Measuring fungal growth forces with optical tweezers. , 2005, , .		1
36	Using dSTORM to probe the molecular architecture of filopodia. <i>Proceedings of SPIE</i> , 2014, , .	0.8	1