

Lassi Paavolainen

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,649
citations

643344

15
h-index

721071

23
g-index

25
all docs

25
docs citations

25
times ranked

3659
citing authors

#	ARTICLE	IF	CITATIONS
1	Nucleus segmentation: towards automated solutions. Trends in Cell Biology, 2022, 32, 295-310.	3.6	31
2	Multiparametric platform for profiling lipid trafficking in human leukocytes. Cell Reports Methods, 2022, 2, 100166.	1.4	3
3	Regression plane concept for analysing continuous cellular processes with machine learning. Nature Communications, 2021, 12, 2532.	5.8	8
4	Spatial immunoprofiling of the intratumoral and peritumoral tissue of renal cell carcinoma patients. Modern Pathology, 2021, 34, 2229-2241.	2.9	25
5	A functional genetic screen defines the AKT-induced senescence signaling network. Cell Death and Differentiation, 2020, 27, 725-741.	5.0	40
6	nucleAlzer: A Parameter-free Deep Learning Framework for Nucleus Segmentation Using Image Style Transfer. Cell Systems, 2020, 10, 453-458.e6.	2.9	163
7	BIAFLOWS: A Collaborative Framework to Reproducibly Deploy and Benchmark Bioimage Analysis Workflows. Patterns, 2020, 1, 100040.	3.1	25
8	Intelligent image-based in situ single-cell isolation. Nature Communications, 2018, 9, 226.	5.8	72
9	Association of tamoxifen resistance and lipid reprogramming in breast cancer. BMC Cancer, 2018, 18, 850.	1.1	113
10	Comprehensive Drug Testing of Patient-derived Conditionally Reprogrammed Cells from Castration-resistant Prostate Cancer. European Urology, 2017, 71, 319-327.	0.9	74
11	UNC-45a promotes myosin folding and stress fiber assembly. Journal of Cell Biology, 2017, 216, 4053-4072.	2.3	40
12	Data-analysis strategies for image-based cell profiling. Nature Methods, 2017, 14, 849-863.	9.0	535
13	Systems pathology by multiplexed immunohistochemistry and whole-slide digital image analysis. Scientific Reports, 2017, 7, 15580.	1.6	120
14	Advanced Cell Classifier: User-Friendly Machine-Learning-Based Software for Discovering Phenotypes in High-Content Imaging Data. Cell Systems, 2017, 4, 651-655.e5.	2.9	77
15	Echovirus 1 internalization negatively regulates epidermal growth factor receptor downregulation. Cellular Microbiology, 2017, 19, e12671.	1.1	9
16	Combining High-Content Imaging and Phenotypic Classification Analysis of Senescence-Associated Beta-Galactosidase Staining to Identify Regulators of Oncogene-Induced Senescence. Assay and Drug Development Technologies, 2016, 14, 416-428.	0.6	8
17	Ellagitannin-rich cloudberry inhibits hepatocyte growth factor induced cell migration and phosphatidylinositol 3-kinase/AKT activation in colon carcinoma cells and tumors in Min mice. Oncotarget, 2016, 7, 43907-43923.	0.8	10
18	Quantitative Analysis of Dynamic Association in Live Biological Fluorescent Samples. PLoS ONE, 2014, 9, e94245.	1.1	3

#	ARTICLE	IF	CITATIONS
19	Permeability Changes of Integrin-Containing Multivesicular Structures Triggered by Picornavirus Entry. PLoS ONE, 2014, 9, e108948.	1.1	5
20	Compensation of Missing Wedge Effects with Sequential Statistical Reconstruction in Electron Tomography. PLoS ONE, 2014, 9, e108978.	1.1	29
21	ADC measurements in diffuse large B-cell lymphoma and follicular lymphoma: a DWI and cellularity study. European Journal of Radiology, 2013, 82, e158-e164.	1.2	54
22	Calpains promote $\beta 2$ integrin turnover in nonrecycling integrin pathway. Molecular Biology of the Cell, 2012, 23, 448-463.	0.9	23
23	BiImageXD: an open, general-purpose and high-throughput image-processing platform. Nature Methods, 2012, 9, 683-689.	9.0	182