

Vilja Pietiäinen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8677097/publications.pdf>

Version: 2024-02-01

11
papers

1,074
citations

1162367

8
h-index

1281420

11
g-index

11
all docs

11
docs citations

11
times ranked

3842
citing authors

#	ARTICLE	IF	CITATIONS
1	Screening out irrelevant cell-based models of disease. <i>Nature Reviews Drug Discovery</i> , 2016, 15, 751-769.	21.5	402
2	The impact of low-frequency and rare variants on lipid levels. <i>Nature Genetics</i> , 2015, 47, 589-597.	9.4	310
3	Association of tamoxifen resistance and lipid reprogramming in breast cancer. <i>BMC Cancer</i> , 2018, 18, 850.	1.1	113
4	Advanced Cell Classifier: User-Friendly Machine-Learning-Based Software for Discovering Phenotypes in High-Content Imaging Data. <i>Cell Systems</i> , 2017, 4, 651-655.e5.	2.9	77
5	Accurate Morphology Preserving Segmentation of Overlapping Cells based on Active Contours. <i>Scientific Reports</i> , 2016, 6, 32412.	1.6	60
6	SARS-CoV-2 host proteome interactions for antiviral drug discovery. <i>Molecular Systems Biology</i> , 2021, 17, e10396.	3.2	53
7	Loss of DIAPH1 causes SCBMS, combined immunodeficiency, and mitochondrial dysfunction. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 599-611.	1.5	23
8	SpheroidPicker for automated 3D cell culture manipulation using deep learning. <i>Scientific Reports</i> , 2021, 11, 14813.	1.6	13
9	iReX: Interactive exploration of mono- and combination therapy dose response profiling data. <i>Pharmacological Research</i> , 2022, 175, 105996.	3.1	11
10	Regression plane concept for analysing continuous cellular processes with machine learning. <i>Nature Communications</i> , 2021, 12, 2532.	5.8	8
11	High-Content Imaging to Phenotype Human Primary and iPSC-Derived Cells. <i>Methods in Molecular Biology</i> , 2021, 2185, 423-445.	0.4	4