Vilja PietiÃ¤inen

List of Publications by Year
in descending order

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