Jeremy L Muhlich

List of Publications by Year
in descending order

20 papers	1,741 citations	567281 15 h-index	752698 20 g-index
29 all docs	29 docs citations	29 times ranked	3391 citing authors

#	Article	IF	Citations
1	The Library of Integrated Network-Based Cellular Signatures NIH Program: System-Level Cataloging of Human Cells Response to Perturbations. Cell Systems, 2018, 6, 13-24.	6.2	327
2	LINCS Canvas Browser: interactive web app to query, browse and interrogate LINCS L1000 gene expression signatures. Nucleic Acids Research, 2014, 42, W449-W460.	14.5	280
3	Programming biological models in Python using PySB. Molecular Systems Biology, 2013, 9, 646.	7.2	216
4	From word models to executable models of signaling networks using automated assembly. Molecular Systems Biology, 2017, 13, 954.	7.2	137
5	MCMICRO: a scalable, modular image-processing pipeline for multiplexed tissue imaging. Nature Methods, 2022, 19, 311-315.	19.0	102
6	A Quantitative Approach to Screen for Nephrotoxic Compounds In Vitro. Journal of the American Society of Nephrology: JASN, 2016, 27, 1015-1028.	6.1	94
7	Properties of cell death models calibrated and compared using Bayesian approaches. Molecular Systems Biology, 2013, 9, 644.	7.2	89
8	Metadata Standard and Data Exchange Specifications to Describe, Model, and Integrate Complex and Diverse High-Throughput Screening Data from the Library of Integrated Network-based Cellular Signatures (LINCS). Journal of Biomolecular Screening, 2014, 19, 803-816.	2.6	80
9	Receptor-Driven ERK Pulses Reconfigure MAPK Signaling and Enable Persistence of Drug-Adapted BRAF-Mutant Melanoma Cells. Cell Systems, 2020, 11, 478-494.e9.	6.2	71
10	GRcalculator: an online tool for calculating and mining doseâ€“response data. BMC Cancer, 2017, 17, 698.	2.6	64
11	shinyDepMap, a tool to identify targetable cancer genes and their functional connections from Cancer Dependency Map data. ELife, 2021, 10, .	6.0	45
12	Highly multiplexed immunofluorescence images and single-cell data of immune markers in tonsil and lung cancer. Scientific Data, 2019, 6, 323.	5.3	39
13	MITI minimum information guidelines for highly multiplexed tissue images. Nature Methods, 2022, 19, 262-267.	19.0	37
14	Minerva: a light-weight, narrative image browser for multiplexed tissue images. Journal of Open Source Software, 2020, 5, 2579.	4.6	22
15	piNET: a versatile web platform for downstream analysis and visualization of proteomics data. Nucleic Acids Research, 2020, 48, W85-W93.	14.5	18
16	Narrative online guides for the interpretation of digital-pathology images and tissue-atlas data. Nature Biomedical Engineering, 2022, 6, 515-526.	22.5	17
17	A Systems Toxicology Approach for the Prediction of Kidney Toxicity and Its Mechanisms In Vitro. Toxicological Sciences, 2019, 169, 54-69.	3.1	16
18	Scope2Screen: Focus+Context Techniques for Pathology Tumor Assessment in Multivariate Image Data. IEEE Transactions on Visualization and Computer Graphics, 2022, 28, 259-269.	4.4	9

#	Article	IF	Citations
19	SYLARAS: A Platform for the Statistical Analysis and Visual Display of Systemic Immunoprofiling Data and Its Application to Glioblastoma. Cell Systems, 2020, 11, 272-285.e9.	6.2	8
20	A Simple Method for Creating a Highâ€Content Microscope for Imaging Multiplexed Tissue Microarrays. Current Protocols, 2021, 1, e68.	2.9	5