

Mohammad Fallahi-Sichani

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7620490/publications.pdf>

Version: 2024-02-01

22
papers

5,503
citations

567281

15
h-index

888059

17
g-index

26
all docs

26
docs citations

26
times ranked

13121
citing authors

#	ARTICLE	IF	CITATIONS
1	Dissecting the multicellular ecosystem of metastatic melanoma by single-cell RNA-seq. <i>Science</i> , 2016, 352, 189-196.	12.6	3,421
2	Highly multiplexed imaging of single cells using a high-throughput cyclic immunofluorescence method. <i>Nature Communications</i> , 2015, 6, 8390.	12.8	428
3	The Library of Integrated Network-Based Cellular Signatures NIH Program: System-Level Cataloging of Human Cells Response to Perturbations. <i>Cell Systems</i> , 2018, 6, 13-24.	6.2	327
4	Metrics other than potency reveal systematic variation in responses to cancer drugs. <i>Nature Chemical Biology</i> , 2013, 9, 708-714.	8.0	280
5	Adaptive resistance of melanoma cells to <i>RAF</i> inhibition via reversible induction of a slowly dividing de-differentiated state. <i>Molecular Systems Biology</i> , 2017, 13, 905.	7.2	202
6	Multiscale Computational Modeling Reveals a Critical Role for TNF- α Receptor 1 Dynamics in Tuberculosis Granuloma Formation. <i>Journal of Immunology</i> , 2011, 186, 3472-3483.	0.8	158
7	Cyclic Immunofluorescence (CyclF), A Highly Multiplexed Method for Single-cell Imaging. <i>Current Protocols in Chemical Biology</i> , 2016, 8, 251-264.	1.7	142
8	NF- κ B Signaling Dynamics Play a Key Role in Infection Control in Tuberculosis. <i>Frontiers in Physiology</i> , 2012, 3, 170.	2.8	112
9	Systematic analysis of <i>BRAF</i> ^{V600E} melanomas reveals a role for <i>JNK</i> / <i>c-Jun</i> pathway in adaptive resistance to drug-induced apoptosis. <i>Molecular Systems Biology</i> , 2015, 11, 797.	7.2	84
10	Lipid Raft-Mediated Regulation of G-Protein Coupled Receptor Signaling by Ligands which Influence Receptor Dimerization: A Computational Study. <i>PLoS ONE</i> , 2009, 4, e6604.	2.5	79
11	Identification of Key Processes that Control Tumor Necrosis Factor Availability in a Tuberculosis Granuloma. <i>PLoS Computational Biology</i> , 2010, 6, e1000778.	3.2	57
12	Tuneable resolution as a systems biology approach for multi-scale, multi-compartment computational models. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2014, 6, 289-309.	6.6	53
13	In vitro differentiation of cord blood unrestricted somatic stem cells expressing dopamine-associated genes into neuron-like cells. <i>Cell Biology International</i> , 2007, 31, 299-303.	3.0	51
14	Dissecting Murine Muscle Stem Cell Aging through Regeneration Using Integrative Genomic Analysis. <i>Cell Reports</i> , 2020, 32, 107964.	6.4	49
15	Epigenetic Mechanisms of Escape from BRAF Oncogene Dependency. <i>Cancers</i> , 2019, 11, 1480.	3.7	31
16	Phenotype-based probabilistic analysis of heterogeneous responses to cancer drugs and their combination efficacy. <i>PLoS Computational Biology</i> , 2020, 16, e1007688.	3.2	16
17	Epigenetic modulation reveals differentiation state specificity of oncogene addiction. <i>Nature Communications</i> , 2021, 12, 1536.	12.8	12
18	Models of Cancer Drug Discovery and Response to Therapy. , 2021, , 269-276.		0

#	ARTICLE	IF	CITATIONS
19	Title is missing!. , 2020, 16, e1007688.		0
20	Title is missing!. , 2020, 16, e1007688.		0
21	Title is missing!.. , 2020, 16, e1007688.		0
22	Title is missing!.. , 2020, 16, e1007688.		0