

Simon Mitchell

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,226
citations

759233

12
h-index

752698

20
g-index

24
all docs

24
docs citations

24
times ranked

1886
citing authors

#	ARTICLE	IF	CITATIONS
1	Elucidation of Focal Adhesion Kinase as a Modulator of Migration and Invasion and as a Potential Therapeutic Target in Chronic Lymphocytic Leukemia. <i>Cancers</i> , 2022, 14, 1600.	3.7	6
2	Targeting the Non-Canonical NF- κ B Pathway in Chronic Lymphocytic Leukemia and Multiple Myeloma. <i>Cancers</i> , 2022, 14, 1489.	3.7	6
3	Dissecting the impact of bromodomain inhibitors on the Interferon Regulatory Factor 4 μ MYC oncogenic axis in multiple myeloma. <i>Hematological Oncology</i> , 2022, 40, 417-429.	1.7	3
4	TLR9 expression in chronic lymphocytic leukemia identifies a promigratory subpopulation and novel therapeutic target. <i>Blood</i> , 2021, 137, 3064-3078.	1.4	20
5	Identification of neural oscillations and epileptiform changes in human brain organoids. <i>Nature Neuroscience</i> , 2021, 24, 1488-1500.	14.8	112
6	Neuronal Network Topology Indicates Distinct Recovery Processes after Stroke. <i>Cerebral Cortex</i> , 2020, 30, 6363-6375.	2.9	20
7	Machine learning for determining accurate outcomes in criminal trials. <i>Law, Probability and Risk</i> , 2020, 19, 43-65.	2.4	4
8	Dissecting the Regulatory Strategies of NF- κ B RelA Target Genes in the Inflammatory Response Reveals Differential Transactivation Logics. <i>Cell Reports</i> , 2020, 30, 2758-2775.e6.	6.4	35
9	What Will B Will B: Identifying Molecular Determinants of Diverse B-Cell Fate Decisions Through Systems Biology. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 616592.	3.7	9
10	An incoherent feedforward loop interprets NF- κ B/RelA dynamics to determine TNF α -induced necroptosis decisions. <i>Molecular Systems Biology</i> , 2020, 16, e9677.	7.2	18
11	An NF- κ B Activity Calculator to Delineate Signaling Crosstalk: Type I and II Interferons Enhance NF- κ B via Distinct Mechanisms. <i>Frontiers in Immunology</i> , 2019, 10, 1425.	4.8	31
12	Substrate complex competition is a regulatory motif that allows NF- κ B RelA to license but not amplify NF- κ B RelB. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 10592-10597.	7.1	7
13	A Regulatory Circuit Controlling the Dynamics of NF- κ B cRel Transitions B Cells from Proliferation to Plasma Cell Differentiation. <i>Immunity</i> , 2019, 50, 616-628.e6.	14.3	58
14	Nongenetic origins of cell-to-cell variability in B lymphocyte proliferation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2888-E2897.	7.1	67
15	Deriving Quantitative Cell Biological Information from Dye-Dilution Lymphocyte Proliferation Experiments. <i>Methods in Molecular Biology</i> , 2018, 1707, 81-94.	0.9	0
16	Identifying noise sources governing cell-to-cell variability. <i>Current Opinion in Systems Biology</i> , 2018, 8, 39-45.	2.6	20
17	Polypyrimidine tract-binding protein blocks miRNA-124 biogenesis to enforce its neuronal-specific expression in the mouse. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11061-E11070.	7.1	30
18	Abstract 2326: Time-resolved studies of necroptosis reveal distinct regulatory functions for NF- κ B. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
19	Signaling via the $\text{NF-}\hat{\text{B}}$ system. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2016, 8, 227-241.	6.6	724
20	Training the 21st Century Immunologist. Trends in Immunology, 2015, 36, 283-285.	6.8	15
21	Studying $\text{NF-}\hat{\text{B}}$ Signaling with Mathematical Models. Methods in Molecular Biology, 2015, 1280, 647-661.	0.9	6
22	A Computational Model of Liver Iron Metabolism. PLoS Computational Biology, 2013, 9, e1003299.	3.2	33