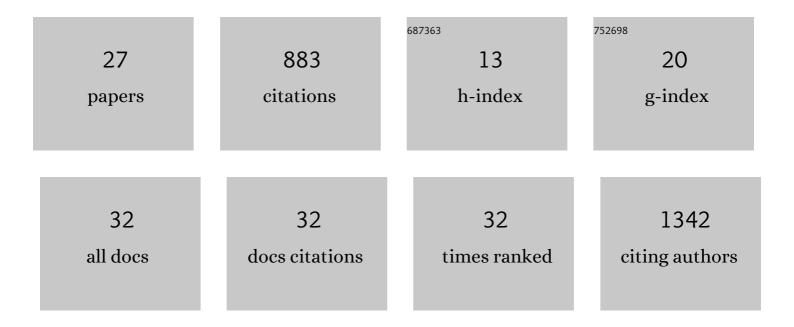
## Robin E C Lee

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1057440/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Fold Change of Nuclear NF-κB Determines TNF-Induced Transcription in Single Cells. Molecular Cell, 2014, 53, 867-879.	9.7	229
2	Metacaspase Yca1 is required for clearance of insoluble protein aggregates. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 13348-13353.	7.1	139
3	A Non-Death Role of the Yeast Metacaspase: Yca1p Alters Cell Cycle Dynamics. PLoS ONE, 2008, 3, e2956.	2.5	83
4	NF-κB Dynamics Discriminate between TNF Doses in Single Cells. Cell Systems, 2017, 5, 638-645.e5.	6.2	66
5	NF-κB signalling and cell fate decisions in response to a short pulse of tumour necrosis factor. Scientific Reports, 2016, 6, 39519.	3.3	51
6	A novel whole-cell lysate kinase assay identifies substrates of the p38 MAPK in differentiating myoblasts. Skeletal Muscle, 2012, 2, 5.	4.2	43
7	NF-κB-Chromatin Interactions Drive Diverse Phenotypes by Modulating Transcriptional Noise. Cell Reports, 2018, 22, 585-599.	6.4	43
8	Cell-to-cell variability in cell death: can systems biology help us make sense of it all?. Cell Death and Disease, 2014, 5, e1261-e1261.	6.3	34
9	Demystifying the cytokine network: Mathematical models point the way. Cytokine, 2017, 98, 115-123.	3.2	32
10	A network-centric approach to drugging TNF-induced NF-κB signaling. Nature Communications, 2019, 10, 860.	12.8	26
11	Dopamine D2 receptor modulates Wnt expression and control of cell proliferation. Scientific Reports, 2019, 9, 16861.	3.3	23
12	Parallel Tempering with Lasso for model reduction in systems biology. PLoS Computational Biology, 2020, 16, e1007669.	3.2	22
13	Reconstructing the Regulatory Kinase Pathways of Myogenesis from Phosphopeptide Data. Molecular and Cellular Proteomics, 2006, 5, 2244-2251.	3.8	20
14	Evaluation of Parallel Tempering to Accelerate Bayesian Parameter Estimation in Systems Biology. , 2018, 2018, 690-697.		15
15	A System for Analog Control of Cell Culture Dynamics to Reveal Capabilities of Signaling Networks. IScience, 2019, 19, 586-596.	4.1	15
16	The yeast kinome displays scale free topology with functional hub clusters. BMC Bioinformatics, 2005, 6, 271.	2.6	10
17	Shift from stochastic to spatially-ordered expression of serine-glycine synthesis enzymes in 3D microtumors. Scientific Reports, 2018, 8, 9388.	3.3	10
18	A variable-gain stochastic pooling motif mediates information transfer from receptor assemblies into NF-κB. Science Advances, 2021, 7, .	10.3	10

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#	Article	IF	CITATIONS
19	dNEMO: a tool for quantification of mRNA and punctate structures in time-lapse images of single cells. Bioinformatics, 2021, 37, 677-683.	4.1	4
20	Reconstructing Regulatory Kinase Pathways from Phosphopeptide Data: A Bioinformatics Approach. Methods in Molecular Biology, 2009, 527, 311-319.	0.9	3
21	Long-term imaging of individual mRNA molecules in living cells. Cell Reports Methods, 2022, 2, 100226.	2.9	3
22	Putting it all on pigmentation: Heuristics of a bold and stochastic cell fate decision. Science Signaling, 2015, 8, fs17.	3.6	0
23	Monitoring the Proteostasis Function of the Saccharomyces cerevisiae Metacaspase Yca1. Methods in Molecular Biology, 2014, 1133, 223-235.	0.9	0
24	Parallel Tempering with Lasso for model reduction in systems biology. , 2020, 16, e1007669.		0
25	Parallel Tempering with Lasso for model reduction in systems biology. , 2020, 16, e1007669.		0
26	Parallel Tempering with Lasso for model reduction in systems biology. , 2020, 16, e1007669.		0
27	Parallel Tempering with Lasso for model reduction in systems biology. , 2020, 16, e1007669.		Ο