

Jonathan R Chubb

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,143
citations

430874

18
h-index

454955

30
g-index

39
all docs

39
docs citations

39
times ranked

2707
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptional Pulsing of a Developmental Gene. <i>Current Biology</i> , 2006, 16, 1018-1025.	3.9	694
2	Mutations in the histone methyltransferase gene KMT2B cause complex early-onset dystonia. <i>Nature Genetics</i> , 2017, 49, 223-237.	21.4	186
3	Methylation of H3K4 Is Required for Inheritance of Active Transcriptional States. <i>Current Biology</i> , 2010, 20, 397-406.	3.9	158
4	A continuum model of transcriptional bursting. <i>ELife</i> , 2016, 5, .	6.0	151
5	What Is a Transcriptional Burst?. <i>Trends in Genetics</i> , 2020, 36, 288-297.	6.7	150
6	Live imaging of nascent RNA dynamics reveals distinct types of transcriptional pulse regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 7350-7355.	7.1	111
7	Bursts and pulses: insights from single cell studies into transcriptional mechanisms. <i>Current Opinion in Genetics and Development</i> , 2010, 20, 478-484.	3.3	86
8	Rapid and efficient genetic engineering of both wild type and axenic strains of <i>Dictyostelium discoideum</i> . <i>PLoS ONE</i> , 2018, 13, e0196809.	2.5	65
9	Live imaging of the <i>Dictyostelium</i> cell cycle reveals widespread S phase during development, a G2 bias in spore differentiation and a premitotic checkpoint. <i>Development (Cambridge)</i> , 2008, 135, 1647-1657.	2.5	61
10	Regulation of Transcriptional Bursting by a Naturally Oscillating Signal. <i>Current Biology</i> , 2014, 24, 205-211.	3.9	60
11	Generation of Single-Cell Transcript Variability by Repression. <i>Current Biology</i> , 2017, 27, 1811-1817.e3.	3.9	43
12	Promoter-mediated diversification of transcriptional bursting dynamics following gene duplication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8364-8369.	7.1	43
13	Developmental timing in <i>Dictyostelium</i> is regulated by the Set1 histone methyltransferase. <i>Developmental Biology</i> , 2006, 292, 519-532.	2.0	37
14	Digital nature of the immediate-early transcriptional response. <i>Development (Cambridge)</i> , 2010, 137, 579-584.	2.5	37
15	A novel <i>Dictyostelium</i> RasGEF is required for normal endocytosis, cell motility and multicellular development. <i>Current Biology</i> , 2000, 10, 1427-1437.	3.9	29
16	The Atypical MAP Kinase ErkB Transmits Distinct Chemotactic Signals through a Core Signaling Module. <i>Developmental Cell</i> , 2019, 48, 491-505.e9.	7.0	28
17	Nuclear organization and transcriptional dynamics in <i>Dictyostelium</i> . <i>Development Growth and Differentiation</i> , 2011, 53, 576-586.	1.5	26
18	Multiple cell and population-level interactions with mouse embryonic stem cell heterogeneity. <i>Development (Cambridge)</i> , 2015, 142, 2840-9.	2.5	25

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19	Transition state dynamics during a stochastic fate choice. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	25
20	Symmetry breaking in development and stochastic gene expression. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2017, 6, e284.	5.9	23
21	Live imaging of ERK signaling dynamics in differentiating mouse embryonic stem cells. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	22
22	Dynamic acetylation of lysine-4-trimethylated histone H3 and H3 variant biology in a simple multicellular eukaryote. <i>Nucleic Acids Research</i> , 2012, 40, 7247-7256.	14.5	19
23	Cell and molecular transitions during efficient dedifferentiation. <i>ELife</i> , 2020, 9, .	6.0	18
24	The fate of cells undergoing spontaneous DNA damage during development. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	12
25	Gene Regulation: Stable Noise. <i>Current Biology</i> , 2016, 26, R61-R64.	3.9	9
26	Genetic Engineering of <i>Dictyostelium discoideum</i> Cells Based on Selection and Growth on Bacteria. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	8
27	Quantitative measurement of transcription dynamics in living cells. <i>Methods in Cell Biology</i> , 2015, 125, 29-41.	1.1	4
28	Distributed and centralized control during differentiation. <i>Developmental Cell</i> , 2021, 56, 2142-2144.	7.0	3
29	Moving the Research Forward: The Best of British Biology Using the Tractable Model System <i>Dictyostelium discoideum</i> . <i>Cells</i> , 2021, 10, 3036.	4.1	2
30	Gene activation at the edge of the nucleus. <i>EMBO Journal</i> , 2009, 28, 2145-2146.	7.8	1
31	Imaging Nascent RNA Dynamics in <i>Dictyostelium</i> . <i>Methods in Molecular Biology</i> , 2013, 1042, 101-113.	0.9	0