

Hilary A Coller

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

3,026
citations

331670

21
h-index

254184

43
g-index

54
all docs

54
docs citations

54
times ranked

5398
citing authors

#	ARTICLE	IF	CITATIONS
1	“How Do We Do This at a Distance?” A Descriptive Study of Remote Undergraduate Research Programs during COVID-19. CBE Life Sciences Education, 2022, 21, ar1.	2.3	17
2	Prereplication complex proteins get caught moonlighting. PLoS Biology, 2022, 20, e3001549.	5.6	0
3	Stressed-out yeast do not pass GO. Journal of Cell Biology, 2022, 221, .	5.2	0
4	Bruins-in-Genomics: Evaluation of the impact of a UCLA undergraduate summer program in computational biology on participating students. PLoS ONE, 2022, 17, e0268861.	2.5	0
5	Methylation of histone 4’s lysine 20: a critical analysis of the state of the field. Physiological Genomics, 2021, 53, 22-32.	2.3	14
6	The return of quiescence metabolites. Nature Cell Biology, 2021, 23, 303-304.	10.3	1
7	An American Physiological Society cross-journal Call for Papers on “Inter-Organ Communication in Homeostasis and Disease” American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 321, L42-L49.	2.9	13
8	Incoming Editor-in-Chief Editorial. Physiological Genomics, 2021, 53, 283-284.	2.3	0
9	Co-regulation of long non-coding RNAs and protein-coding genes during cell quiescence. FASEB Journal, 2021, 35, .	0.5	0
10	Is There a Histone Code for Cellular Quiescence?. Frontiers in Cell and Developmental Biology, 2021, 9, 739780.	3.7	13
11	Splicing Busts a Move: Isoform Switching Regulates Migration. Trends in Cell Biology, 2020, 30, 74-85.	7.9	11
12	Towards a Machine-Learning-Assisted Dielectric Sensing Platform for Point-of-Care Wound Monitoring. , 2020, 4, 1-4.		12
13	Intron retention is a robust marker of intertumoral heterogeneity in pancreatic ductal adenocarcinoma. Npj Genomic Medicine, 2020, 5, 55.	3.8	10
14	A Mouse Model to Investigate the Role of Cancer-associated Fibroblasts in Tumor Growth. Journal of Visualized Experiments, 2020, , .	0.3	2
15	The paradox of metabolism in quiescent stem cells. FEBS Letters, 2019, 593, 2817-2839.	2.8	54
16	RECK isoforms differentially regulate fibroblast migration by modulating tubulin post-translational modifications. Biochemical and Biophysical Research Communications, 2019, 510, 211-218.	2.1	5
17	Fibroblasts Prompt Tumors to Mobilize Their Glycogen Reserves. Trends in Cell Biology, 2019, 29, 278-280.	7.9	9
18	Regulation of Cell Cycle Entry and Exit: A Single Cell Perspective. , 2019, 10, 317-344.		12

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19	Determining Genome-wide Transcript Decay Rates in Proliferating and Quiescent Human Fibroblasts. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	4
20	DNA replication licensing in stem cells: Gatekeeping the commitment to proliferation. <i>Journal of Cell Biology</i> , 2018, 217, 1563-1565.	5.2	0
21	MYC sets a tumour-stroma metabolic loop. <i>Nature Cell Biology</i> , 2018, 20, 506-507.	10.3	5
22	An In Vitro Model of Cellular Quiescence in Primary Human Dermal Fibroblasts. <i>Methods in Molecular Biology</i> , 2018, 1686, 27-47.	0.9	26
23	Alternative polyadenylation factors link cell cycle to migration. <i>Genome Biology</i> , 2018, 19, 176.	8.8	25
24	Extracellular Matrix Remodeling Regulates Glucose Metabolism through TXNIP Destabilization. <i>Cell</i> , 2018, 175, 117-132.e21.	28.9	180
25	Mapping Metabolism: Monitoring Lactate Dehydrogenase Activity Directly in Tissue. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	9
26	RECK isoforms have opposing effects on cell migration. <i>Molecular Biology of the Cell</i> , 2018, 29, 1825-1838.	2.1	20
27	Integrative analysis of the inter-tumoral heterogeneity of triple-negative breast cancer. <i>Scientific Reports</i> , 2018, 8, 11807.	3.3	43
28	Widespread changes in mRNA stability contribute to quiescence-specific gene expression patterns in a fibroblast model of quiescence. <i>BMC Genomics</i> , 2017, 18, 123.	2.8	13
29	Lactate dehydrogenase activity drives hair follicle stem cell activation. <i>Nature Cell Biology</i> , 2017, 19, 1017-1026.	10.3	203
30	Reactive oxygen species and bacterial biofilms in diabetic wound healing. <i>Physiological Genomics</i> , 2016, 48, 889-896.	2.3	50
31	RNAs that make a heart beat. <i>Annals of Translational Medicine</i> , 2016, 4, 469-469.	1.7	5
32	Partners in the Warburg effect. <i>ELife</i> , 2016, 5, e15938.	6.0	10
33	Alternative polyadenylation can regulate post-translational membrane localization. <i>Trends in Cell & Molecular Biology</i> , 2015, 10, 37-47.	0.5	6
34	The Runt-related transcription factor 1 in prostate cancer-associated fibroblasts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16238-16239.	7.1	1
35	Is Cancer a Metabolic Disease?. <i>American Journal of Pathology</i> , 2014, 184, 4-17.	3.8	192
36	H4K20 methylation regulates quiescence and chromatin compaction. <i>Molecular Biology of the Cell</i> , 2013, 24, 3025-3037.	2.1	123

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37	Quantitative Dynamics of the Link between Cellular Metabolism and Histone Acetylation. <i>Journal of Biological Chemistry</i> , 2013, 288, 12142-12151.	3.4	98
38	Quiescent fibroblasts are protected from proteasome inhibition-mediated toxicity. <i>Molecular Biology of the Cell</i> , 2012, 23, 3566-3581.	2.1	31
39	A microRNA network regulates proliferative timing and extracellular matrix synthesis during cellular quiescence in fibroblasts. <i>Genome Biology</i> , 2012, 13, R121.	9.6	57
40	Functional Interactions Between microRNAs and RNA Binding Proteins. <i>MicroRNA (Shariqah, United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	1.2	54
41	Staying alive. <i>Cell Cycle</i> , 2012, 11, 1680-1696.	2.6	211
42	The Essence of Quiescence. <i>Science</i> , 2011, 334, 1074-1075.	12.6	83
43	Quiescent Fibroblasts Exhibit High Metabolic Activity. <i>PLoS Biology</i> , 2010, 8, e1000514.	5.6	323
44	let-7 Overexpression Leads to an Increased Fraction of Cells in G2/M, Direct Down-regulation of Cdc34, and Stabilization of Wee1 Kinase in Primary Fibroblasts. <i>Journal of Biological Chemistry</i> , 2009, 284, 6605-6609.	3.4	102
45	Regulating the angiogenic balance in tissues: A potential role for the proliferative state of fibroblasts. <i>Cell Cycle</i> , 2008, 7, 2056-2070.	2.6	58
46	It's the Sequence, Stupid!. <i>Science</i> , 2008, 322, 380-381.	12.6	7
47	Control of the Reversibility of Cellular Quiescence by the Transcriptional Repressor HES1. <i>Science</i> , 2008, 321, 1095-1100.	12.6	270
48	“Myc” Med Messages: Myc Induces Transcription of E2F1 while Inhibiting Its Translation via a microRNA Polycistron. <i>PLoS Genetics</i> , 2007, 3, e146.	3.5	104
49	What's taking so long? S-phase entry from quiescence versus proliferation. <i>Nature Reviews Molecular Cell Biology</i> , 2007, 8, 667-670.	37.0	95
50	A New Description of Cellular Quiescence. <i>PLoS Biology</i> , 2006, 4, e83.	5.6	426
51	Clustering of mutant mitochondrial DNA copies suggests stem cells are common in human bronchial epithelium. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005, 578, 256-271.	1.0	17