

Sabrina L Spencer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5171205/publications.pdf>

Version: 2024-02-01

29
papers

4,138
citations

331670

21
h-index

477307

29
g-index

34
all docs

34
docs citations

34
times ranked

5101
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-genetic origins of cell-to-cell variability in TRAIL-induced apoptosis. <i>Nature</i> , 2009, 459, 428-432.	27.8	993
2	The Proliferation-Quiescence Decision Is Controlled by a Bifurcation in CDK2 Activity at Mitotic Exit. <i>Cell</i> , 2013, 155, 369-383.	28.9	565
3	Ki67 is a Graded Rather than a Binary Marker of Proliferation versus Quiescence. <i>Cell Reports</i> , 2018, 24, 1105-1112.e5.	6.4	391
4	Measuring and Modeling Apoptosis in Single Cells. <i>Cell</i> , 2011, 144, 926-939.	28.9	354
5	Modeling a Snap-Action, Variable-Delay Switch Controlling Extrinsic Cell Death. <i>PLoS Biology</i> , 2008, 6, e299.	5.6	252
6	Irreversible APC Cdh1 Inactivation Underlies the Point of No Return for Cell-Cycle Entry. <i>Cell</i> , 2016, 166, 167-180.	28.9	202
7	Non-genetic cell-to-cell variability and the consequences for pharmacology. <i>Current Opinion in Chemical Biology</i> , 2009, 13, 556-561.	6.1	200
8	Endogenous Replication Stress in Mother Cells Leads to Quiescence of Daughter Cells. <i>Cell Reports</i> , 2017, 19, 1351-1364.	6.4	146
9	Basal p21 controls population heterogeneity in cycling and quiescent cell cycle states. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4386-93.	7.1	100
10	Control of the Restriction Point by Rb and p21. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E8219-E8227.	7.1	95
11	Modeling Somatic Evolution in Tumorigenesis. <i>PLoS Computational Biology</i> , 2006, 2, e108.	3.2	84
12	Cells surviving fractional killing by TRAIL exhibit transient but sustainable resistance and inflammatory phenotypes. <i>Molecular Biology of the Cell</i> , 2013, 24, 2186-2200.	2.1	84
13	A map of protein dynamics during cell-cycle progression and cell-cycle exit. <i>PLoS Biology</i> , 2017, 15, e2003268.	5.6	84
14	SYNTHESIS: Cancer research meets evolutionary biology. <i>Evolutionary Applications</i> , 2009, 2, 62-70.	3.1	83
15	Exploring the Contextual Sensitivity of Factors that Determine Cell-to-Cell Variability in Receptor-Mediated Apoptosis. <i>PLoS Computational Biology</i> , 2012, 8, e1002482.	3.2	79
16	Temporal integration of mitogen history in mother cells controls proliferation of daughter cells. <i>Science</i> , 2020, 368, 1261-1265.	12.6	79
17	An ordinary differential equation model for the multistep transformation to cancer. <i>Journal of Theoretical Biology</i> , 2004, 231, 515-524.	1.7	69
18	Spontaneously slow-cycling subpopulations of human cells originate from activation of stress-response pathways. <i>PLoS Biology</i> , 2019, 17, e3000178.	5.6	63

#	ARTICLE	IF	CITATIONS
19	Melanoma subpopulations that rapidly escape MAPK pathway inhibition incur DNA damage and rely on stress signalling. <i>Nature Communications</i> , 2021, 12, 1747.	12.8	39
20	Systematic calibration of a cell signaling network model. <i>BMC Bioinformatics</i> , 2010, 11, 202.	2.6	37
21	Visualizing the metazoan proliferation-quiescence decision in vivo. <i>ELife</i> , 2020, 9, .	6.0	36
22	Replication-dependent histone biosynthesis is coupled to cell-cycle commitment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	27
23	EllipTrack: A Global-Local Cell-Tracking Pipeline for 2D Fluorescence Time-Lapse Microscopy. <i>Cell Reports</i> , 2020, 32, 107984.	6.4	25
24	Senescence Evasion in Chemotherapy: A Sweet Spot for p21. <i>Cell</i> , 2019, 178, 267-269.	28.9	14
25	Resilience integrates concepts in aging research. <i>IScience</i> , 2022, 25, 104199.	4.1	9
26	Intracellular Crowding by Bio-Orthogonal Hydrogel Formation Induces Reversible Molecular Stasis. <i>Advanced Materials</i> , 2022, 34, .	21.0	8
27	A Cell-Cycle "Safe Space" for Surviving Chemotherapy. <i>Cell Systems</i> , 2017, 5, 161-162.	6.2	5
28	Single cell biology—a Keystone Symposia report. <i>Annals of the New York Academy of Sciences</i> , 2021, 1506, 74-97.	3.8	3
29	MEASURING AND MODELING LIFE-DEATH DECISIONS IN SINGLE CELLS. <i>FASEB Journal</i> , 2012, 26, 228.1.	0.5	1