

Sergi Regot

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,406
citations

567281

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839539

18
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docs citations

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times ranked

3486
citing authors

#	ARTICLE	IF	CITATIONS
1	Temporal Control of Mammalian Cortical Neurogenesis by m6A Methylation. <i>Cell</i> , 2017, 171, 877-889.e17.	28.9	567
2	High-Sensitivity Measurements of Multiple Kinase Activities in Live Single Cells. <i>Cell</i> , 2014, 157, 1724-1734.	28.9	483
3	Distributed biological computation with multicellular engineered networks. <i>Nature</i> , 2011, 469, 207-211.	27.8	303
4	Ribosome Collisions Trigger General Stress Responses to Regulate Cell Fate. <i>Cell</i> , 2020, 182, 404-416.e14.	28.9	253
5	A Real-Time Biosensor for ERK Activity Reveals Signaling Dynamics during <i>C.Âlegans</i> Cell Fate Specification. <i>Developmental Cell</i> , 2017, 42, 542-553.e4.	7.0	140
6	Dynamic Signaling in the Hog1 MAPK Pathway Relies on High Basal Signal Transduction. <i>Science Signaling</i> , 2009, 2, ra13.	3.6	112
7	Live-cell measurements of kinase activity in single cells using translocation reporters. <i>Nature Protocols</i> , 2018, 13, 155-169.	12.0	90
8	The HOG Pathway Dictates the Short-Term Translational Response after Hyperosmotic Shock. <i>Molecular Biology of the Cell</i> , 2010, 21, 3080-3092.	2.1	67
9	Cell-Cycle-Dependent ERK Signaling Dynamics Direct Fate Specification in the Mammalian Preimplantation Embryo. <i>Developmental Cell</i> , 2020, 55, 328-340.e5.	7.0	66
10	Accelerated discovery via a whole-cell model. <i>Nature Methods</i> , 2013, 10, 1192-1195.	19.0	59
11	MAPK activity dynamics regulate non-cell autonomous effects of oncogene expression. <i>ELife</i> , 2020, 9, .	6.0	54
12	NF-ÎB signaling dynamics is controlled by a dose-sensing autoregulatory loop. <i>Science Signaling</i> , 2019, 12, .	3.6	52
13	Stress-mediated exit to quiescence restricted by increasing persistence in CDK4/6 activation. <i>ELife</i> , 2020, 9, .	6.0	49
14	The Hog1 Stress-activated Protein Kinase Targets Nucleoporins to Control mRNA Export upon Stress. <i>Journal of Biological Chemistry</i> , 2013, 288, 17384-17398.	3.4	35
15	Parallel feedback loops control the basal activity of the HOG MAPK signaling cascade. <i>Integrative Biology (United Kingdom)</i> , 2015, 7, 412-422.	1.3	29
16	CaMKII oxidation is a critical performance/disease trade-off acquired at the dawn of vertebrate evolution. <i>Nature Communications</i> , 2021, 12, 3175.	12.8	19
17	Epigenetically regulated digital signaling defines epithelial innate immunity at the tissue level. <i>Nature Communications</i> , 2021, 12, 1836.	12.8	13
18	3D time-lapse microscopy paired with endpoint lineage analysis in mouse blastocysts. <i>STAR Protocols</i> , 2021, 2, 100446.	1.2	3

#	ARTICLE	IF	CITATIONS
19	Editorial: Understanding Immunobiology Through the Specificity of NF- κ B. <i>Frontiers in Immunology</i> , 2020, 11, 59.	4.8	1
20	The Hog1 stress-activated protein kinase targets nucleoporins to control mRNA export upon stress.. <i>Journal of Biological Chemistry</i> , 2015, 290, 2301.	3.4	0