

Ximena Soto

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

497
citations

840776

11
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

645
citing authors

#	ARTICLE	IF	CITATIONS
1	Modulation of glycine-activated ion channel function by G-protein $\beta\gamma$ subunits. <i>Nature Neuroscience</i> , 2003, 6, 819-824.	14.8	94
2	A secretory cell type develops alongside multiciliated cells, ionocytes and goblet cells, and provides a protective, anti-infective function in the frog embryonic mucociliary epidermis. <i>Development</i> (Cambridge), 2014, 141, 1514-1525.	2.5	70
3	spib is required for primitive myeloid development in <i>Xenopus</i> . <i>Blood</i> , 2008, 112, 2287-2296.	1.4	63
4	Human brain synembryon interacts with $G_{\beta\gamma}$ and $G_{\alpha i}$ and is translocated to the plasma membrane in response to isoproterenol and carbachol. <i>Journal of Cellular Physiology</i> , 2003, 195, 151-157.	4.1	56
5	Erk and PI3K temporally coordinate different modes of actin-based motility during embryonic wound healing. <i>Journal of Cell Science</i> , 2013, 126, 5005-17.	2.0	42
6	Inositol kinase and its product accelerate wound healing by modulating calcium levels, Rho GTPases, and F-actin assembly. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11029-11034.	7.1	35
7	$C/EBP\beta$ initiates primitive myelopoiesis in pluripotent embryonic cells. <i>Blood</i> , 2009, 114, 40-48.	1.4	31
8	α Ric8 is a GEF for $G_{\beta\gamma}$ and participates in maintaining meiotic arrest in <i>Xenopus laevis</i> oocytes. <i>Journal of Cellular Physiology</i> , 2008, 214, 673-680.	4.1	26
9	Dynamic properties of noise and Her6 levels are optimized by miR-9, allowing the decoding of the Her6 oscillator. <i>EMBO Journal</i> , 2020, 39, e103558.	7.8	26
10	A $G_{\beta\gamma}$ stimulated adenylyl cyclase is involved in <i>Xenopus laevis</i> oocyte maturation. <i>Journal of Cellular Physiology</i> , 2005, 202, 223-229.	4.1	16
11	A dynamic, spatially periodic, micro-pattern of HES5 underlies neurogenesis in the mouse spinal cord. <i>Molecular Systems Biology</i> , 2021, 17, e9902.	7.2	13
12	S111N mutation in the helical domain of human $G_{\beta\gamma}$ reduces its GDP/GTP exchange rate. <i>Journal of Cellular Biochemistry</i> , 2002, 85, 615-620.	2.6	9
13	Differential phase register of Hes1 oscillations with mitoses underlies cell-cycle heterogeneity in ER ⁺ breast cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	8
14	$G_{\beta\gamma}$ negatively regulates the Wnt/ β -catenin pathway and dorsal embryonic <i>Xenopus laevis</i> development. <i>Journal of Cellular Physiology</i> , 2008, 214, 483-490.	4.1	7