

Pau Formosa-Jordan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8619926/publications.pdf>

Version: 2024-02-01

14
papers

602
citations

933447

10
h-index

1125743

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18
all docs

18
docs citations

18
times ranked

989
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrate modulates stem cell dynamics in <i>Arabidopsis</i> shoot meristems through cytokinins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1382-1387.	7.1	134
2	Ligand-dependent Notch signaling strength orchestrates lateral induction and lateral inhibition in the developing inner ear. <i>Development (Cambridge)</i> , 2014, 141, 2313-2324.	2.5	117
3	Fluctuations of the transcription factor ATML1 generate the pattern of giant cells in the <i>Arabidopsis</i> sepal. <i>ELife</i> , 2017, 6, .	6.0	79
4	Auxin Influx Carriers Control Vascular Patterning and Xylem Differentiation in <i>Arabidopsis thaliana</i> . <i>PLoS Genetics</i> , 2015, 11, e1005183.	3.5	70
5	Competition in Notch Signaling with Cis Enriches Cell Fate Decisions. <i>PLoS ONE</i> , 2014, 9, e95744.	2.5	51
6	Lateral inhibition and neurogenesis: novel aspects in motion. <i>International Journal of Developmental Biology</i> , 2013, 57, 341-350.	0.6	39
7	Regulation of neuronal differentiation at the neurogenic wavefront. <i>Development (Cambridge)</i> , 2012, 139, 2321-2329.	2.5	28
8	An ABA-GA bistable switch can account for natural variation in the variability of <i>Arabidopsis</i> seed germination time. <i>ELife</i> , 2021, 10, .	6.0	23
9	Pattern Selection by Dynamical Biochemical Signals. <i>Biophysical Journal</i> , 2015, 108, 1555-1565.	0.5	21
10	Diffusible ligand and lateral inhibition dynamics for pattern formation. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2009, 2009, P03019.	2.3	16
11	Modeling Notch Signaling: A Practical Tutorial. <i>Methods in Molecular Biology</i> , 2014, 1187, 285-310.	0.9	13
12	Redundancy and cooperation in Notch intercellular signaling. <i>Development (Cambridge)</i> , 2017, 145, .	2.5	5
13	Single-Cell Approaches for Understanding Morphogenesis Using Computational Morphodynamics. , 2018, , 87-106.		2
14	Experimental and Theoretical Methods to Approach the Study of Vascular Patterning in the Plant Shoot. <i>Methods in Molecular Biology</i> , 2017, 1544, 3-19.	0.9	1