

Jacqueline Kim Dale

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,029
citations

394421

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501196

28
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all docs

37
docs citations

37
times ranked

1760
citing authors

#	ARTICLE	IF	CITATIONS
1	Periodic Notch inhibition by Lunatic Fringe underlies the chick segmentation clock. <i>Nature</i> , 2003, 421, 275-278.	27.8	299
2	Cooperation of BMP7 and SHH in the Induction of Forebrain Ventral Midline Cells by Prechordal Mesoderm. <i>Cell</i> , 1997, 90, 257-269.	28.9	286
3	The lunatic Fringe gene is a target of the molecular clock linked to somite segmentation in avian embryos. <i>Current Biology</i> , 1998, 8, 979-982.	3.9	247
4	Oscillating Expression of c-Hey2 in the Presomitic Mesoderm Suggests That the Segmentation Clock May Use Combinatorial Signaling through Multiple Interacting bHLH Factors. <i>Developmental Biology</i> , 2000, 227, 91-103.	2.0	139
5	Oscillations of the Snail Genes in the Presomitic Mesoderm Coordinate Segmental Patterning and Morphogenesis in Vertebrate Somitogenesis. <i>Developmental Cell</i> , 2006, 10, 355-366.	7.0	138
6	Notch Is a Critical Component of the Mouse Somitogenesis Oscillator and Is Essential for the Formation of the Somites. <i>PLoS Genetics</i> , 2009, 5, e1000662.	3.5	97
7	A clock-work somite. <i>BioEssays</i> , 2000, 22, 72-83.	2.5	92
8	Synchronised cycling gene oscillations in presomitic mesoderm cells require cell-cell contact. <i>International Journal of Developmental Biology</i> , 2005, 49, 309-315.	0.6	86
9	Somitogenesis. <i>Development (Cambridge)</i> , 2012, 139, 2453-2456.	2.5	85
10	The segmentation clock mechanism moves up a notch. <i>Trends in Cell Biology</i> , 2010, 20, 593-600.	7.9	81
11	A conserved role for Notch in priming the cellular response to Shh through ciliary localisation of the key Shh transducer, Smoothed. <i>Development (Cambridge)</i> , 2015, 142, 2291-303.	2.5	75
12	Interfering with Wnt signalling alters the periodicity of the segmentation clock. <i>Developmental Biology</i> , 2009, 330, 21-31.	2.0	61
13	Spatiotemporal oscillations of Notch1, Dll1 and NICD are coordinated across the mouse PSM. <i>Development (Cambridge)</i> , 2014, 141, 4806-4816.	2.5	50
14	The prevalence and origin of exoprotease-producing cells in the <i>Bacillus subtilis</i> biofilm. <i>Microbiology (United Kingdom)</i> , 2014, 160, 56-66.	1.8	49
15	Turn It Down a Notch. <i>Frontiers in Cell and Developmental Biology</i> , 2016, 4, 151.	3.7	35
16	<sc>CDK</sc> 1 and <sc>CDK</sc> 2 regulate <sc>NICD</sc> 1 turnover and the periodicity of the segmentation clock. <i>EMBO Reports</i> , 2019, 20, e46436.	4.5	32
17	Sprouty4, an FGF Inhibitor, Displays Cyclic Gene Expression under the Control of the Notch Segmentation Clock in the Mouse PSM. <i>PLoS ONE</i> , 2009, 4, e5603.	2.5	30
18	A balance of positive and negative regulators determines the pace of the segmentation clock. <i>ELife</i> , 2015, 4, e05842.	6.0	27

#	ARTICLE	IF	CITATIONS
19	A Spatio-Temporal Model of Notch Signalling in the Zebrafish Segmentation Clock: Conditions for Synchronised Oscillatory Dynamics. PLoS ONE, 2011, 6, e16980.	2.5	23
20	Isolation and Characterization of Node/Notochord-Like Cells from Mouse Embryonic Stem Cells. Stem Cells and Development, 2011, 20, 1817-1827.	2.1	23
21	Notch signalling regulates the contribution of progenitor cells from the chick Hensen's node to the floor plate and notochord. Development (Cambridge), 2010, 137, 561-568.	2.5	20
22	Cyclic <i>Nrarp</i> mRNA expression is regulated by the somitic oscillator but Nrarp protein levels do not oscillate. Developmental Dynamics, 2009, 238, 3043-3055.	1.8	16
23	ProNodal acts via FGFR3 to govern duration of Shh expression in the prechordal mesoderm. Development (Cambridge), 2015, 142, 3821-32.	2.5	10
24	A Hes1-based oscillator in cultured cells and its potential implications for the segmentation clock. BioEssays, 2003, 25, 200-203.	2.5	7
25	Development on Time. Advances in Experimental Medicine and Biology, 2008, 641, 62-71.	1.6	6
26	Myc activity is required for maintenance of the neuromesodermal progenitor signalling network and for segmentation clock gene oscillations in mouse. Development (Cambridge), 2018, 145, .	2.5	5
27	bHLH Proteins and Their Role in Somitogenesis. Advances in Experimental Medicine and Biology, 2008, 638, 124-139.	1.6	4
28	Auto-Regulation of Transcription and Translation: Oscillations, Excitability and Intermittency. Biomolecules, 2021, 11, 1566.	4.0	2
29	Cell cycle regulation of oscillations yields coupling of growth and form in a computational model of the presomitic mesoderm. Journal of Theoretical Biology, 2019, 481, 75-83.	1.7	1
30	21-P047 Notch is essential for the mouse segmentation clock. Mechanisms of Development, 2009, 126, S327.	1.7	0