

Sally Lowell

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

2,796
citations

394421

19
h-index

315739

38
g-index

51
all docs

51
docs citations

51
times ranked

4544
citing authors

#	ARTICLE	IF	CITATIONS
1	Macrophage-derived Wnt opposes Notch signaling to specify hepatic progenitor cell fate in chronic liver disease. <i>Nature Medicine</i> , 2012, 18, 572-579.	30.7	624
2	Stimulation of human epidermal differentiation by Delta ¹ Notch signalling at the boundaries of stem-cell clusters. <i>Current Biology</i> , 2000, 10, 491-500.	3.9	423
3	Deregulation of Dorsoventral Patterning by FGF Confers Trilineage Differentiation Capacity on CNS Stem Cells In Vitro. <i>Neuron</i> , 2003, 40, 485-499.	8.1	293
4	Notch Promotes Neural Lineage Entry by Pluripotent Embryonic Stem Cells. <i>PLoS Biology</i> , 2006, 4, e121.	5.6	234
5	Distinct Wnt-driven primitive streak-like populations reflect <i>in vivo</i> lineage precursors. <i>Development (Cambridge)</i> , 2014, 141, 1209-1221.	2.5	215
6	Single-cell lineage tracing unveils a role for TCF15 in haematopoiesis. <i>Nature</i> , 2020, 583, 585-589.	27.8	150
7	Epidermal stem cells. <i>Journal of Pathology</i> , 2002, 197, 479-491.	4.5	143
8	Polarity Reversal by Centrosome Repositioning Primes Cell Scattering during Epithelial-to-Mesenchymal Transition. <i>Developmental Cell</i> , 2017, 40, 168-184.	7.0	89
9	Neural Stem Cells, Neurons, and Glia. <i>Methods in Enzymology</i> , 2006, 418, 151-169.	1.0	68
10	Bone morphogenic protein signalling suppresses differentiation of pluripotent cells by maintaining expression of E-Cadherin. <i>ELife</i> , 2013, 2, e01197.	6.0	58
11	Tcf15 Primes Pluripotent Cells for Differentiation. <i>Cell Reports</i> , 2013, 3, 472-484.	6.4	56
12	Delta regulates keratinocyte spreading and motility independently of differentiation. <i>Mechanisms of Development</i> , 2001, 107, 133-140.	1.7	54
13	Geometrical confinement controls the asymmetric patterning of Brachyury in cultures of pluripotent cells. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	44
14	Evidence for evolutionary divergence of activity-dependent gene expression in developing neurons. <i>ELife</i> , 2016, 5, .	6.0	42
15	Hes1 Desynchronizes Differentiation of Pluripotent Cells by Modulating STAT3 Activity. <i>Stem Cells</i> , 2013, 31, 1511-1522.	3.2	36
16	Nessys: A new set of tools for the automated detection of nuclei within intact tissues and dense 3D cultures. <i>PLoS Biology</i> , 2019, 17, e3000388.	5.6	36
17	Atoh1 in sensory hair cell development: constraints and cofactors. <i>Seminars in Cell and Developmental Biology</i> , 2017, 65, 60-68.	5.0	32
18	BMP and FGF signaling interact to pattern mesoderm by controlling basic helix-loop-helix transcription factor activity. <i>ELife</i> , 2018, 7, .	6.0	32

#	ARTICLE	IF	CITATIONS
19	Gro/TLE enables embryonic stem cell differentiation by repressing pluripotent gene expression. <i>Developmental Biology</i> , 2015, 397, 56-66.	2.0	25
20	N-cadherin stabilises neural identity by dampening anti-neural signals. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	17
21	The transcription factor E2A drives neural differentiation in pluripotent cells. <i>Development (Cambridge)</i> , 2020, 147, .	2.5	15
22	Cadherins in early neural development. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 4435-4450.	5.4	13
23	Id1 Stabilizes Epiblast Identity by Sensing Delays in Nodal Activation and Adjusting the Timing of Differentiation. <i>Developmental Cell</i> , 2019, 50, 462-477.e5.	7.0	12
24	Notch signalling: You make me feel so glial. <i>Current Biology</i> , 2000, 10, R595-R597.	3.9	11
25	SyNPL: Synthetic Notch pluripotent cell lines to monitor and manipulate cell interactions <i>in vitro</i> and <i>in vivo</i> . <i>Development (Cambridge)</i> , 2022, 149, .	2.5	11
26	Haematopoietic differentiation is inhibited when Notch activity is enhanced in FLK1+ mesoderm progenitors. <i>Stem Cell Research</i> , 2013, 11, 1273-1287.	0.7	9
27	Isolation by distance and a chromosomal cline in the Cayapa cytospecies of <i>Simulium exiguum</i> , the vector of human onchocerciasis in Ecuador. <i>Genetica</i> , 2005, 124, 41-59.	1.1	6
28	Biotic analogies for self-organising cities. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2020, 47, 268-286.	2.0	6
29	The future of conferences. <i>Development (Cambridge)</i> , 2022, 149, .	2.5	4
30	TWIST1 interacts with β -catenins during neural tube development and regulates fate transition in cranial neural crest cells. <i>Development (Cambridge)</i> , 2022, 149, .	2.5	4
31	Mapping the Emergent Spatial Organization of Mammalian Cells using Micropatterns and Quantitative Imaging. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	3
32	The PLOS Biology XV Collection: 15 Years of Exceptional Science Highlighted across 12 Months. <i>PLoS Biology</i> , 2019, 17, e3000180.	5.6	1
33	You should always keep in touch with your friends: Community effects in biology. <i>Nature Reviews Molecular Cell Biology</i> , 2020, 21, 568-569.	37.0	1
34	In preprints: the problem of producing precise patterns. <i>Development (Cambridge)</i> , 2022, 149, .	2.5	1
35	Neurobiology. <i>Current Opinion in Neurobiology</i> , 2001, 11, 259-266.	4.2	0
36	Agent-Based Modelling of Pattern Formation in Pluripotent Stem Cells: Initial Experiments and Results. , 2018, , .		0