

Jeremy B A Green

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

4,380
citations

236833

25
h-index

133188

59
g-index

68
all docs

68
docs citations

68
times ranked

3704
citing authors

#	ARTICLE	IF	CITATIONS
1	Expression of a xenopus homolog of Brachyury (T) is an immediate-early response to mesoderm induction. <i>Cell</i> , 1991, 67, 79-87.	13.5	944
2	Graded changes in dose of a <i>Xenopus</i> activin A homologue elicit stepwise transitions in embryonic cell fate. <i>Nature</i> , 1990, 347, 391-394.	13.7	510
3	Responses of embryonic <i>xenopus</i> cells to activin and FGF are separated by multiple dose thresholds and correspond to distinct axes of the mesoderm. <i>Cell</i> , 1992, 71, 731-739.	13.5	487
4	Positional information and reaction-diffusion: two big ideas in developmental biology combine. <i>Development (Cambridge)</i> , 2015, 142, 1203-1211.	1.2	317
5	Periodic stripe formation by a Turing mechanism operating at growth zones in the mammalian palate. <i>Nature Genetics</i> , 2012, 44, 348-351.	9.4	214
6	BMP and Wnt Specify Hematopoietic Fate by Activation of the Cdx-Hox Pathway. <i>Cell Stem Cell</i> , 2008, 2, 72-82.	5.2	192
7	Association of valproate-induced teratogenesis with histone deacetylase inhibition in vivo. <i>FASEB Journal</i> , 2005, 19, 1166-1168.	0.2	162
8	Functional communication between endogenous BRCA1 and its partner, BARD1, during <i>Xenopus laevis</i> development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 12078-12083.	3.3	144
9	LKB1 (XEEK1) regulates Wnt signalling in vertebrate development. <i>Nature Cell Biology</i> , 2003, 5, 889-894.	4.6	125
10	Distinct PAR-1 Proteins Function in Different Branches of Wnt Signaling during Vertebrate Development. <i>Developmental Cell</i> , 2005, 8, 829-841.	3.1	106
11	Morphogen gradients, positional information, and <i>Xenopus</i> : Interplay of theory and experiment. <i>Developmental Dynamics</i> , 2002, 225, 392-408.	0.8	94
12	Cellular systems for epithelial invagination. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20150526.	1.8	81
13	Growth factors as morphogens: do gradients and thresholds establish body plan?. <i>Trends in Genetics</i> , 1991, 7, 245-250.	2.9	76
14	A deletion of the PDC1 gene for pyruvate decarboxylase of yeast causes a different phenotype than previously isolated point mutations. <i>Current Genetics</i> , 1989, 15, 75-81.	0.8	68
15	Missing Links in GSK3 Regulation. <i>Developmental Biology</i> , 2001, 235, 303-313.	0.9	57
16	Epithelial stratification and placode invagination are separable functions in early morphogenesis of the molar tooth. <i>Development (Cambridge)</i> , 2016, 143, 670-81.	1.2	48
17	Invagination of Ectodermal Placodes Is Driven by Cell Intercalation-Mediated Contraction of the Suprabasal Tissue Canopy. <i>PLoS Biology</i> , 2016, 14, e1002405.	2.6	47
18	PAR1 specifies ciliated cells in vertebrate ectoderm downstream of aPKC. <i>Development (Cambridge)</i> , 2007, 134, 4297-4306.	1.2	43

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19	The structure and regulation of phosphoglucose isomerase in <i>Saccharomyces cerevisiae</i> . <i>Molecular Genetics and Genomics</i> , 1988, 215, 100-106.	2.4	42
20	Pyruvate decarboxylase is like acetolactate synthase (ILV2) and not like the pyruvate dehydrogenase E1 subunit. <i>FEBS Letters</i> , 1989, 246, 1-5.	1.3	42
21	Whole population cell analysis of a landmark-rich mammalian epithelium reveals multiple elongation mechanisms. <i>Development (Cambridge)</i> , 2013, 140, 4740-4750.	1.2	38
22	Roads to neuralness: Embryonic neural induction as derepression of a default state. <i>Cell</i> , 1994, 77, 317-320.	13.5	36
23	Self-organization of vertebrate mesoderm based on simple boundary conditions. <i>Developmental Dynamics</i> , 2004, 231, 576-581.	0.8	33
24	Hedgehog Signalling in Development of the Secondary Palate. <i>Frontiers of Oral Biology</i> , 2012, 16, 52-59.	1.5	28
25	Convergent extension and the hexahedral cell. <i>Nature Cell Biology</i> , 2007, 9, 1010-1015.	4.6	27
26	Differential effects on <i>Xenopus</i> development of interference with type IIA and type IIB activin receptors. <i>Mechanisms of Development</i> , 1997, 61, 175-186.	1.7	26
27	A landmark-free morphometrics pipeline for high-resolution phenotyping: application to a mouse model of Down syndrome. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	26
28	Sophistications of cell sorting. <i>Nature Cell Biology</i> , 2008, 10, 375-377.	4.6	25
29	Tales of tails: Brachyury and the T-box genes. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 1997, 1333, F73-F84.	3.3	23
30	PAR-1 promotes primary neurogenesis and asymmetric cell divisions via control of spindle orientation. <i>Development (Cambridge)</i> , 2010, 137, 2501-2505.	1.2	21
31	Molar Bud-to-Cap Transition Is Proliferation Independent. <i>Journal of Dental Research</i> , 2019, 98, 1253-1261.	2.5	21
32	Modelling from the experimental developmental biologists viewpoint. <i>Seminars in Cell and Developmental Biology</i> , 2014, 35, 58-65.	2.3	19
33	Anteroposterior neural tissue specification by activin-induced mesoderm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 8596-8601.	3.3	18
34	What The Papers Say: Retinoic acid: The morphogen of the main body axis?. <i>BioEssays</i> , 1990, 12, 437-439.	1.2	17
35	From snapshots to movies: Understanding early tooth development in four dimensions. <i>Developmental Dynamics</i> , 2017, 246, 442-450.	0.8	16
36	Mutations in <i>Hcfc1</i> and <i>Ronin</i> result in an inborn error of cobalamin metabolism and ribosomopathy. <i>Nature Communications</i> , 2022, 13, 134.	5.8	16

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37	Lkb1 and GSK3b: Kinases at the Center (and the poles) of the Action. <i>Cell Cycle</i> , 2004, 3, 11-13.	1.3	15
38	Epithelial invagination by a vertical telescoping cell movement in mammalian salivary glands and teeth. <i>Nature Communications</i> , 2020, 11, 2366.	5.8	15
39	Evidence for dual mechanisms of mesoderm establishment in <i>Xenopus</i> embryos. <i>Developmental Dynamics</i> , 2000, 219, 77-83.	0.8	13
40	Molecular cloning and developmental expression of Par-1/MARK homologues XPar-1A and XPar-1B from <i>Xenopus laevis</i> . <i>Mechanisms of Development</i> , 2002, 119, S143-S148.	1.7	13
41	Epiboly generates the epidermal basal monolayer and spreads the nascent mammalian skin to enclose the embryonic body. <i>Journal of Cell Science</i> , 2016, 129, 1915-27.	1.2	13
42	Mapping cellular processes in the mesenchyme during palatal development in the absence of Tbx1 reveals complex proliferation changes and perturbed cell packing and polarity. <i>Journal of Anatomy</i> , 2016, 228, 464-473.	0.9	12
43	Early perturbation of Wnt signaling reveals patterning and invagination-evagination control points in molar tooth development. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	12
44	Intercellular signalling in mesoderm formation during amphibian development. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1993, 340, 287-296.	1.8	11
45	Spindle orientation processes in epithelial growth and organisation. <i>Seminars in Cell and Developmental Biology</i> , 2014, 34, 124-132.	2.3	11
46	Perturbation analysis of a multi-morphogen Turing reaction-diffusion stripe patterning system reveals key regulatory interactions. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	11
47	The distribution of Dishevelled in convergently extending mesoderm. <i>Developmental Biology</i> , 2013, 382, 496-503.	0.9	10
48	Lkb1 and GSK3-beta: kinases at the center and poles of the action. <i>Cell Cycle</i> , 2004, 3, 12-4.	1.3	9
49	Balance Between Tooth Size and Tooth Number Is Controlled by Hyaluronan. <i>Frontiers in Physiology</i> , 2020, 11, 996.	1.3	8
50	Thick and thin fingers point out Turing waves. <i>Genome Biology</i> , 2013, 14, 101.	13.9	7
51	Embryos, Words, and Numbers: The Ethical Treatment of Opinion. <i>American Journal of Bioethics</i> , 2004, 4, 7-9.	0.5	5
52	Limiting the Impact of the Impact Factor. <i>Science</i> , 2008, 322, 1463-1463.	6.0	5
53	Systems morphodynamics: understanding the development of tissue hardware. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160505.	1.8	5
54	Computational biology: Turing's lessons in simplicity. <i>Biophysical Journal</i> , 2021, 120, 4139-4141.	0.2	5

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55	What the papers say: Mesodermal growth factor candidates elected!. BioEssays, 1993, 15, 129-130.	1.2	2
56	Borrowing thy neighbour's genetics: Neural induction and aBrachyury mutant inXenopus. BioEssays, 1994, 16, 539-540.	1.2	2
57	European stem-cell ruling is misleading. Nature, 2011, 479, 41-41.	13.7	2
58	The Role of Thresholds and Mesoderm Inducing Factors in Axis Patterning in Xenopus. , 1992, , 241-249.		1
59	PAR-1 promotes primary neurogenesis and asymmetric cell divisions via control of spindle orientation. Journal of Cell Science, 2010, 123, e1-e1.	1.2	0
60	Epiboly generates the epidermal basal monolayer and spreads the nascent mammalian skin to enclose the embryonic body. Development (Cambridge), 2016, 143, e1.2-e1.2.	1.2	0
61	Methods of Palate Culture in Later Palatogenesis: Elevation, Horizontal Outgrowth, and Fusion. Methods in Molecular Biology, 2022, 2403, 63-80.	0.4	0