Jeremy B A Green

List of Publications by Year
in descending order

61 papers	4,380 citations	236925 25 h-index	133252 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. Cell, 1991, 67, 79-87.	28.9	944
2	Graded changes in dose of a Xenopus activin A homologue elicit stepwise transitions in embryonic cell fate. Nature, 1990, 347, 391-394.	27.8	510
3	Responses of embryonic xenopus cells to activin and FGF are separated by multiple dose thresholds and correspond to distinct axes of the mesoderm. Cell, 1992, 71, 731-739.	28.9	487
4	Positional information and reaction-diffusion: two big ideas in developmental biology combine. Development (Cambridge), 2015, 142, 1203-1211.	2.5	317
5	Periodic stripe formation by a Turing mechanism operating at growth zones in the mammalian palate. Nature Genetics, 2012, 44, 348-351.	21.4	214
6	BMP and Wnt Specify Hematopoietic Fate by Activation of the Cdx-Hox Pathway. Cell Stem Cell, 2008, 2, 72-82.	11.1	192
7	Association of valproateâ€induced teratogenesis with histone deacetylase inhibition in vivo. FASEB Journal, 2005, 19, 1166-1168.	0.5	162
8	Functional communication between endogenous BRCA1 and its partner, BARD1, during Xenopus laevis development. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 12078-12083.	7.1	144
9	LKB1 (XEEK1) regulates Wnt signalling in vertebrate development. Nature Cell Biology, 2003, 5, 889-894.	10.3	125
10	Distinct PAR-1 Proteins Function in Different Branches of Wnt Signaling during Vertebrate Development. Developmental Cell, 2005, 8, 829-841.	7.0	106
11	Morphogen gradients, positional information, andXenopus: Interplay of theory and experiment. Developmental Dynamics, 2002, 225, 392-408.	1.8	94
12	Cellular systems for epithelial invagination. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20150526.	4.0	81
13	Growth factors as morphogens: do gradients and thresholds establish body plan?. Trends in Genetics, 1991, 7, 245-250.	6.7	76
14	A deletion of the PDC1 gene for pyruvate decarboxylase of yeast causes a different phenotype than previously isolated point mutations. Current Genetics, 1989, 15, 75-81.	1.7	68
15	Missing Links in GSK3 Regulation. Developmental Biology, 2001, 235, 303-313.	2.0	57
16	Epithelial stratification and placode invagination are separable functions in early morphogenesis of the molar tooth. Development (Cambridge), 2016, 143, 670-81.	2.5	48
17	Invagination of Ectodermal Placodes Is Driven by Cell Intercalation-Mediated Contraction of the Suprabasal Tissue Canopy. PLoS Biology, 2016, 14, e1002405.	5.6	47
18	PAR1 specifies ciliated cells in vertebrate ectoderm downstream of aPKC. Development (Cambridge), 2007, 134, 4297-4306.	2.5	43

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19	The structure and regulation of phosphoglucose isomerase in Saccharomyces cerevisiae. Molecular Genetics and Genomics, 1988, 215, 100-106.	2.4	42
20	Pyruvate decarboxylase is like acetolactate synthase (ILV2) and not like the pyruvate dehydrogenase E1 subunit. FEBS Letters, 1989, 246, 1-5.	2.8	42
21	Whole population cell analysis of a landmark-rich mammalian epithelium reveals multiple elongation mechanisms. Development (Cambridge), 2013, 140, 4740-4750.	2.5	38
22	Roads to neuralness: Embryonic neural induction as derepression of a default state. Cell, 1994, 77, 317-320.	28.9	36
23	Self-organization of vertebrate mesoderm based on simple boundary conditions. Developmental Dynamics, 2004, 231, 576-581.	1.8	33
24	Hedgehog Signalling in Development of the Secondary Palate. Frontiers of Oral Biology, 2012, 16, 52-59.	1.5	28
25	Convergent extension and the hexahedral cell. Nature Cell Biology, 2007, 9, 1010-1015.	10.3	27
26	Differential effects on Xenopus development of interference with type IIA and type IIB activin receptors. Mechanisms of Development, 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. Development (Cambridge), 2021, 148, .	2.5	26
28	Sophistications of cell sorting. Nature Cell Biology, 2008, 10, 375-377.	10.3	25
29	Tales of tails: Brachyury and the T-box genes. Biochimica Et Biophysica Acta: Reviews on Cancer, 1997, 1333, F73-F84.	7.4	23
30	PAR-1 promotes primary neurogenesis and asymmetric cell divisions via control of spindle orientation. Development (Cambridge), 2010, 137, 2501-2505.	2.5	21
31	Molar Bud-to-Cap Transition Is Proliferation Independent. Journal of Dental Research, 2019, 98, 1253-1261.	5.2	21
32	Modelling from the experimental developmental biologists viewpoint. Seminars in Cell and Developmental Biology, 2014, 35, 58-65.	5.0	19
33	Anteroposterior neural tissue specification by activin-induced mesoderm. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 8596-8601.	7.1	18
34	What The Papers Say: Retinoic acid: The morphogen of the main body axis?. BioEssays, 1990, 12, 437-439.	2.5	17
35	From snapshots to movies: Understanding early tooth development in four dimensions. Developmental Dynamics, 2017, 246, 442-450.	1.8	16
36	Mutations in Hcfc1 and Ronin result in an inborn error of cobalamin metabolism and ribosomopathy. Nature Communications, 2022, 13, 134.	12.8	16

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37	Lkb1 and GSK3b: Kinases at the Center (and the poles) of the Action. Cell Cycle, 2004, 3, 11-13.	2.6	15
38	Epithelial invagination by a vertical telescoping cell movement in mammalian salivary glands and teeth. Nature Communications, 2020, 11, 2366.	12.8	15
39	Evidence for dual mechanisms of mesoderm establishment inXenopus embryos. Developmental Dynamics, 2000, 219, 77-83.	1.8	13
40	Molecular cloning and developmental expression of Par-1/MARK homologues XPar-1A and XPar-1B from Xenopus laevis. Mechanisms of Development, 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. Journal of Cell Science, 2016, 129, 1915-27.	2.0	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. Journal of Anatomy, 2016, 228, 464-473.	1.5	12
43	Early perturbation of Wnt signaling reveals patterning and invagination-evagination control points in molar tooth development. Development (Cambridge), 2021, 148, .	2.5	12
44	Intercellular signalling in mesoderm formation during amphibian development. Philosophical Transactions of the Royal Society B: Biological Sciences, 1993, 340, 287-296.	4.0	11
45	Spindle orientation processes in epithelial growth and organisation. Seminars in Cell and Developmental Biology, 2014, 34, 124-132.	5.0	11
46	Perturbation analysis of a multi-morphogen turing reaction-diffusion stripe patterning system reveals key regulatory interactions. Development (Cambridge), 2020, 147, .	2.5	11
47	The distribution of Dishevelled in convergently extending mesoderm. Developmental Biology, 2013, 382, 496-503.	2.0	10
48	Lkb1 and GSK3-beta: kinases at the center and poles of the action. Cell Cycle, 2004, 3, 12-4.	2.6	9
49	Balance Between Tooth Size and Tooth Number Is Controlled by Hyaluronan. Frontiers in Physiology, 2020, 11, 996.	2.8	8
50	Thick and thin fingers point out Turing waves. Genome Biology, 2013, 14, 101.	9.6	7
51	Embryos, Words, and Numbers: The Ethical Treatment of Opinion. American Journal of Bioethics, 2004, 4, 7-9.	0.9	5
52	Limiting the Impact of the Impact Factor. Science, 2008, 322, 1463-1463.	12.6	5
53	Systems morphodynamics: understanding the development of tissue hardware. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160505.	4.0	5
54	Computational biology: Turingâ€™s lessons in simplicity. Biophysical Journal, 2021, 120, 4139-4141.	0.5	5

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55	What the papers say: Mesodermal growth factor candidates elected!. BioEssays, 1993, 15, 129-130.	2.5	2
56	Borrowing thy neighbour's genetics: Neural induction and aBrachyury mutant inXenopus. BioEssays, 1994, 16, 539-540.	2.5	2
57	European stem-cell ruling is misleading. Nature, 2011, 479, 41-41.	27.8	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.	2.0	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.	2.5	0
61	Methods of Palate Culture in Later Palatogenesis: Elevation, Horizontal Outgrowth, and Fusion. Methods in Molecular Biology, 2022, 2403, 63-80.	0.9	0