# Jeremy B A Green

## List of Publications by Year
in descending order

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|---|---|---|---|
| 61<br>papers | 4,380<br>citations | 236833<br>25<br>h-index | 133188<br>59<br>g-index |
| 68<br>all docs | 68<br>docs citations | 68<br>times ranked | 3704<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Mutations in Hcfc1 and Ronin result in an inborn error of cobalamin metabolism and ribosomopathy. Nature Communications, 2022, 13, 134. | 5.8 | 16 |
| 2 | Methods of Palate Culture in Later Palatogenesis: Elevation, Horizontal Outgrowth, and Fusion. Methods in Molecular Biology, 2022, 2403, 63-80. | 0.4 | 0 |
| 3 | A landmark-free morphometrics pipeline for high-resolution phenotyping: application to a mouse model of Down syndrome. Development (Cambridge), 2021, 148, . | 1.2 | 26 |
| 4 | Early perturbation of Wnt signaling reveals patterning and invagination-evagination control points in molar tooth development. Development (Cambridge), 2021, 148, . | 1.2 | 12 |
| 5 | Computational biology: Turingâ€™s lessons in simplicity. Biophysical Journal, 2021, 120, 4139-4141. | 0.2 | 5 |
| 6 | Perturbation analysis of a multi-morphogen turing reaction-diffusion stripe patterning system reveals key regulatory interactions. Development (Cambridge), 2020, 147, . | 1.2 | 11 |
| 7 | Balance Between Tooth Size and Tooth Number Is Controlled by Hyaluronan. Frontiers in Physiology, 2020, 11, 996. | 1.3 | 8 |
| 8 | Epithelial invagination by a vertical telescoping cell movement in mammalian salivary glands and teeth. Nature Communications, 2020, 11, 2366. | 5.8 | 15 |
| 9 | Molar Bud-to-Cap Transition Is Proliferation Independent. Journal of Dental Research, 2019, 98, 1253-1261. | 2.5 | 21 |
| 10 | Systems morphodynamics: understanding the development of tissue hardware. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160505. | 1.8 | 5 |
| 11 | From snapshots to movies: Understanding early tooth development in four dimensions. Developmental Dynamics, 2017, 246, 442-450. | 0.8 | 16 |
| 12 | Cellular systems for epithelial invagination. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20150526. | 1.8 | 81 |
| 13 | Invagination of Ectodermal Placodes Is Driven by Cell Intercalation-Mediated Contraction of the Suprabasal Tissue Canopy. PLoS Biology, 2016, 14, e1002405. | 2.6 | 47 |
| 14 | 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. | 1.2 | 13 |
| 15 | 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. | 0.9 | 12 |
| 16 | Epithelial stratification and placode invagination are separable functions in early morphogenesis of the molar tooth. Development (Cambridge), 2016, 143, 670-81. | 1.2 | 48 |
| 17 | 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 |
| 18 | Positional information and reaction-diffusion: two big ideas in developmental biology combine. Development (Cambridge), 2015, 142, 1203-1211. | 1.2 | 317 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 19 | Spindle orientation processes in epithelial growth and organisation. Seminars in Cell and Developmental Biology, 2014, 34, 124-132. | 2.3 | 11 |
| 20 | Modelling from the experimental developmental biologists viewpoint. Seminars in Cell and Developmental Biology, 2014, 35, 58-65. | 2.3 | 19 |
| 21 | Thick and thin fingers point out Turing waves. Genome Biology, 2013, 14, 101. | 13.9 | 7 |
| 22 | The distribution of Dishevelled in convergently extending mesoderm. Developmental Biology, 2013, 382, 496-503. | 0.9 | 10 |
| 23 | Whole population cell analysis of a landmark-rich mammalian epithelium reveals multiple elongation mechanisms. Development (Cambridge), 2013, 140, 4740-4750. | 1.2 | 38 |
| 24 | Hedgehog Signalling in Development of the Secondary Palate. Frontiers of Oral Biology, 2012, 16, 52-59. | 1.5 | 28 |
| 25 | Periodic stripe formation by a Turing mechanism operating at growth zones in the mammalian palate. Nature Genetics, 2012, 44, 348-351. | 9.4 | 214 |
| 26 | European stem-cell ruling is misleading. Nature, 2011, 479, 41-41. | 13.7 | 2 |
| 27 | PAR-1 promotes primary neurogenesis and asymmetric cell divisions via control of spindle orientation. Development (Cambridge), 2010, 137, 2501-2505. | 1.2 | 21 |
| 28 | 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 |
| 29 | Sophistications of cell sorting. Nature Cell Biology, 2008, 10, 375-377. | 4.6 | 25 |
| 30 | BMP and Wnt Specify Hematopoietic Fate by Activation of the Cdx-Hox Pathway. Cell Stem Cell, 2008, 2, 72-82. | 5.2 | 192 |
| 31 | Limiting the Impact of the Impact Factor. Science, 2008, 322, 1463-1463. | 6.0 | 5 |
| 32 | PAR1 specifies ciliated cells in vertebrate ectoderm downstream of aPKC. Development (Cambridge), 2007, 134, 4297-4306. | 1.2 | 43 |
| 33 | Convergent extension and the hexahedral cell. Nature Cell Biology, 2007, 9, 1010-1015. | 4.6 | 27 |
| 34 | Association of valproateâ€induced teratogenesis with histone deacetylase inhibition in vivo. FASEB Journal, 2005, 19, 1166-1168. | 0.2 | 162 |
| 35 | Distinct PAR-1 Proteins Function in Different Branches of Wnt Signaling during Vertebrate Development. Developmental Cell, 2005, 8, 829-841. | 3.1 | 106 |
| 36 | Lkb1 and GSK3b: Kinases at the Center (and the poles) of the Action. Cell Cycle, 2004, 3, 11-13. | 1.3 | 15 |

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|---|---|---|---|
| 37 | Embryos, Words, and Numbers: The Ethical Treatment of Opinion. American Journal of Bioethics, 2004, 4, 7-9. | 0.5 | 5 |
| 38 | Self-organization of vertebrate mesoderm based on simple boundary conditions. Developmental Dynamics, 2004, 231, 576-581. | 0.8 | 33 |
| 39 | Lkb1 and GSK3-beta: kinases at the center and poles of the action. Cell Cycle, 2004, 3, 12-4. | 1.3 | 9 |
| 40 | LKB1 (XEEK1) regulates Wnt signalling in vertebrate development. Nature Cell Biology, 2003, 5, 889-894. | 4.6 | 125 |
| 41 | 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 |
| 42 | Morphogen gradients, positional information, andXenopus: Interplay of theory and experiment. Developmental Dynamics, 2002, 225, 392-408. | 0.8 | 94 |
| 43 | Missing Links in GSK3 Regulation. Developmental Biology, 2001, 235, 303-313. | 0.9 | 57 |
| 44 | 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. | 3.3 | 144 |
| 45 | Evidence for dual mechanisms of mesoderm establishment inXenopus embryos. Developmental Dynamics, 2000, 219, 77-83. | 0.8 | 13 |
| 46 | 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. | 3.3 | 18 |
| 47 | 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 |
| 48 | Tales of tails: Brachyury and the T-box genes. Biochimica Et Biophysica Acta: Reviews on Cancer, 1997, 1333, F73-F84. | 3.3 | 23 |
| 49 | Borrowing thy neighbour's genetics: Neural induction and aBrachyury mutant inXenopus. BioEssays, 1994, 16, 539-540. | 1.2 | 2 |
| 50 | Roads to neuralness: Embryonic neural induction as derepression of a default state. Cell, 1994, 77, 317-320. | 13.5 | 36 |
| 51 | What the papers say: Mesodermal growth factor candidates elected!. BioEssays, 1993, 15, 129-130. | 1.2 | 2 |
| 52 | Intercellular signalling in mesoderm formation during amphibian development. Philosophical Transactions of the Royal Society B: Biological Sciences, 1993, 340, 287-296. | 1.8 | 11 |
| 53 | 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. | 13.5 | 487 |
| 54 | The Role of Thresholds and Mesoderm Inducing Factors in Axis Patterning in Xenopus. , 1992, , 241-249. |  | 1 |

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|---|---|---|---|
| 55 | Expression of a xenopus homolog of Brachyury (T) is an immediate-early response to mesoderm induction. Cell, 1991, 67, 79-87. | 13.5 | 944 |
| 56 | Growth factors as morphogens: do gradients and thresholds establish body plan?. Trends in Genetics, 1991, 7, 245-250. | 2.9 | 76 |
| 57 | Graded changes in dose of a Xenopus activin A homologue elicit stepwise transitions in embryonic cell fate. Nature, 1990, 347, 391-394. | 13.7 | 510 |
| 58 | What The Papers Say: Retinoic acid: The morphogen of the main body axis?. BioEssays, 1990, 12, 437-439. | 1.2 | 17 |
| 59 | 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. | 0.8 | 68 |
| 60 | Pyruvate decarboxylase is like acetolactate synthase (ILV2) and not like the pyruvate dehydrogenase E1 subunit. FEBS Letters, 1989, 246, 1-5. | 1.3 | 42 |
| 61 | The structure and regulation of phosphoglucose isomerase in Saccharomyces cerevisiae. Molecular Genetics and Genomics, 1988, 215, 100-106. | 2.4 | 42 |