

Robert E Hill

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

5,348
citations

218677

26
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361022

35
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43
all docs

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docs citations

43
times ranked

5516
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A Highly Conserved Shh Enhancer Coordinates Hypothalamic and Craniofacial Development. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 595744. | 3.7 | 3 |
| 2 | Ubiquitin-protein ligase Ubr5 cooperates with hedgehog signalling to promote skeletal tissue homeostasis. <i>PLoS Genetics</i> , 2021, 17, e1009275. | 3.5 | 4 |
| 3 | Developmentally regulated <i>Shh</i> expression is robust to TAD perturbations. <i>Development (Cambridge)</i> , 2019, 146, . | 2.5 | 111 |
| 4 | A conditional Pax6 depletion study with no morphological effect on the adult mouse corneal epithelium. <i>BMC Research Notes</i> , 2018, 11, 705. | 1.4 | 5 |
| 5 | Computer simulation of neutral drift among limbal epithelial stem cells of mosaic mice. <i>Stem Cell Research</i> , 2018, 30, 1-11. | 0.7 | 8 |
| 6 | The Conserved Sonic Hedgehog Limb Enhancer Consists of Discrete Functional Elements that Regulate Precise Spatial Expression. <i>Cell Reports</i> , 2017, 20, 1396-1408. | 6.4 | 48 |
| 7 | Fibroblast growth factors (FGFs) prime the limb specific Shh enhancer for chromatin changes that balance histone acetylation mediated by E26 transformation-specific (ETS) factors. <i>ELife</i> , 2017, 6, . | 6.0 | 11 |
| 8 | Use of a Conditional Ubr5 Mutant Allele to Investigate the Role of an N-End Rule Ubiquitin-Protein Ligase in Hedgehog Signalling and Embryonic Limb Development. <i>PLoS ONE</i> , 2016, 11, e0157079. | 2.5 | 20 |
| 9 | Ribonuclease H2 mutations induce a <i>cGAS</i> / <i>STING</i> -dependent innate immune response. <i>EMBO Journal</i> , 2016, 35, 831-844. | 7.8 | 200 |
| 10 | Abnormal corneal epithelial maintenance in mice heterozygous for the micropinna microphthalmia mutation Mp. <i>Experimental Eye Research</i> , 2016, 149, 26-39. | 2.6 | 1 |
| 11 | <i>Shh</i> and ZRS enhancer co-localisation is specific to the zone of polarizing activity. <i>Development (Cambridge)</i> , 2016, 143, 2994-3001. | 2.5 | 107 |
| 12 | Lineage tracing in the adult mouse corneal epithelium supports the limbal epithelial stem cell hypothesis with intermittent periods of stem cell quiescence. <i>Stem Cell Research</i> , 2015, 15, 665-677. | 0.7 | 51 |
| 13 | Hemizygous Le-Cre Transgenic Mice Have Severe Eye Abnormalities on Some Genetic Backgrounds in the Absence of LoxP Sites. <i>PLoS ONE</i> , 2014, 9, e109193. | 2.5 | 30 |
| 14 | Mapping the <i>Shh</i> long-range regulatory domain. <i>Development (Cambridge)</i> , 2014, 141, 3934-3943. | 2.5 | 73 |
| 15 | Development of five digits is controlled by a bipartite long-range <i>cis</i> -regulator. <i>Development (Cambridge)</i> , 2014, 141, 1715-1725. | 2.5 | 65 |
| 16 | Long range regulation of the sonic hedgehog gene. <i>Current Opinion in Genetics and Development</i> , 2014, 27, 54-59. | 3.3 | 27 |
| 17 | Alterations to the remote control of <i>Shh</i> gene expression cause congenital abnormalities. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120357. | 4.0 | 38 |
| 18 | Anterior-posterior differences in HoxD chromatin topology in limb development. <i>Development (Cambridge)</i> , 2012, 139, 3157-3167. | 2.5 | 62 |

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|----|--|------|-----------|
| 19 | Opposing Functions of the ETS Factor Family Define Shh Spatial Expression in Limb Buds and Underlie Polydactyly. <i>Developmental Cell</i> , 2012, 22, 459-467. | 7.0 | 129 |
| 20 | Human limb abnormalities caused by disruption of hedgehog signaling. <i>Trends in Genetics</i> , 2012, 28, 364-373. | 6.7 | 87 |
| 21 | Point mutations in a distant sonic hedgehog cis-regulator generate a variable regulatory output responsible for preaxial polydactyly. <i>Human Molecular Genetics</i> , 2008, 17, 978-985. | 2.9 | 153 |
| 22 | A variant in the sonic hedgehog regulatory sequence (ZRS) is associated with triphalangeal thumb and deregulates expression in the developing limb. <i>Human Molecular Genetics</i> , 2008, 17, 2417-2423. | 2.9 | 74 |
| 23 | How to make a zone of polarizing activity: Insights into limb development via the abnormality preaxial polydactyly. <i>Development Growth and Differentiation</i> , 2007, 49, 439-448. | 1.5 | 55 |
| 24 | 'Gotta pick a megabase or two': In silico routes to gene regulation. <i>Briefings in Functional Genomics & Proteomics</i> , 2004, 3, 12-14. | 3.8 | 0 |
| 25 | Sonic hedgehog: restricted expression and limb dysmorphologies. <i>Journal of Anatomy</i> , 2003, 202, 13-20. | 1.5 | 57 |
| 26 | A long-range Shh enhancer regulates expression in the developing limb and fin and is associated with preaxial polydactyly. <i>Human Molecular Genetics</i> , 2003, 12, 1725-1735. | 2.9 | 1,002 |
| 27 | Disruption of a long-range cis-acting regulator for <i>Shh</i> causes preaxial polydactyly. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 7548-7553. | 7.1 | 418 |
| 28 | The role of Bapx1 (Nkx3.2) in the development and evolution of the axial skeleton. <i>Journal of Anatomy</i> , 2001, 199, 181-187. | 1.5 | 35 |
| 29 | Double Labeling for Whole-Mount In Situ Hybridization in Mouse. <i>BioTechniques</i> , 1998, 24, 914-918. | 1.8 | 29 |
| 30 | Expression and mapping of the mouse <i>S7/Pmsc2</i> gene, homolog of an essential mitotic gene in yeast. <i>Mammalian Genome</i> , 1997, 8, 352-354. | 2.2 | 0 |
| 31 | Dominant hemimelia and <i>En-1</i> on mouse chromosome 1 are not allelic. <i>Genetical Research</i> , 1992, 60, 53-60. | 0.9 | 5 |
| 32 | Human homologs of a <i>Drosophila</i> Enhancer of Split gene product define a novel family of nuclear proteins. <i>Nature Genetics</i> , 1992, 2, 119-127. | 21.4 | 292 |
| 33 | Mouse Small eye results from mutations in a paired-like homeobox-containing gene. <i>Nature</i> , 1991, 354, 522-525. | 27.8 | 1,260 |
| 34 | Segment-specific expression of a homeobox-containing gene in the mouse hindbrain. <i>Nature</i> , 1989, 341, 156-159. | 27.8 | 220 |
| 35 | Accelerated evolution in the reactive centre regions of serine protease inhibitors. <i>Nature</i> , 1987, 326, 96-99. | 27.8 | 300 |
| 36 | A clue to the basic defect in cystic fibrosis from cloning the CF antigen gene. <i>Nature</i> , 1987, 326, 614-617. | 27.8 | 212 |

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|----|---|------|-----------|
| 37 | Plasma protease inhibitors in mouse and man: divergence within the reactive centre regions. Nature, 1984, 311, 175-177. | 27.8 | 155 |