

Richard L Mort

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,968
citations

331670

21
h-index

377865

34
g-index

41
all docs

41
docs citations

41
times ranked

3487
citing authors

#	ARTICLE	IF	CITATIONS
1	The melanocyte lineage in development and disease. <i>Development (Cambridge)</i> , 2015, 142, 620-632.	2.5	286
2	P-Rex1 is required for efficient melanoblast migration and melanoma metastasis. <i>Nature Communications</i> , 2011, 2, 555.	12.8	152
3	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
4	Lack of involvement of nucleotide excision repair gene polymorphisms in colorectal cancer. <i>British Journal of Cancer</i> , 2003, 89, 333-337.	6.4	122
5	<i><i>Fucci2a</i></i> A bicistronic cell cycle reporter that allows Cre mediated tissue specific expression in mice. <i>Cell Cycle</i> , 2014, 13, 2681-2696.	2.6	113
6	Hierarchical patterning modes orchestrate hair follicle morphogenesis. <i>PLoS Biology</i> , 2017, 15, e2002117.	5.6	109
7	Epigenetic remodelling licences adult cholangiocytes for organoid formation and liver regeneration. <i>Nature Cell Biology</i> , 2019, 21, 1321-1333.	10.3	102
8	Rac1 Drives Melanoblast Organization during Mouse Development by Orchestrating Pseudopod-Driven Motility and Cell-Cycle Progression. <i>Developmental Cell</i> , 2011, 21, 722-734.	7.0	98
9	Defining the Identity and Dynamics of Adult Gastric Isthmus Stem Cells. <i>Cell Stem Cell</i> , 2019, 25, 342-356.e7.	11.1	97
10	A Multi-stage Representation of Cell Proliferation as a Markov Process. <i>Bulletin of Mathematical Biology</i> , 2017, 79, 2905-2928.	1.9	70
11	A Cell/Cilia Cycle Biosensor for Single-Cell Kinetics Reveals Persistence of Cilia after G1/S Transition Is a General Property in Cells and Mice. <i>Developmental Cell</i> , 2018, 47, 509-523.e5.	7.0	66
12	Mosaic analysis of stem cell function and wound healing in the mouse corneal epithelium. <i>BMC Developmental Biology</i> , 2009, 9, 4.	2.1	62
13	Stem Cells and Corneal Epithelial Maintenance: Insights from the Mouse and Other Animal Models. <i>Results and Problems in Cell Differentiation</i> , 2012, 55, 357-394.	0.7	56
14	Activated Mutant NRasQ61K Drives Aberrant Melanocyte Signaling, Survival, and Invasiveness via a Rac1-Dependent Mechanism. <i>Journal of Investigative Dermatology</i> , 2012, 132, 2610-2621.	0.7	55
15	Reconciling diverse mammalian pigmentation patterns with a fundamental mathematical model. <i>Nature Communications</i> , 2016, 7, 10288.	12.8	53
16	Effects of Aberrant Pax6 Gene Dosage on Mouse Corneal Pathophysiology and Corneal Epithelial Homeostasis. <i>PLoS ONE</i> , 2011, 6, e28895.	2.5	44
17	PLAA Mutations Cause a Lethal Infantile Epileptic Encephalopathy by Disrupting Ubiquitin-Mediated Endolysosomal Degradation of Synaptic Proteins. <i>American Journal of Human Genetics</i> , 2017, 100, 706-724.	6.2	37
18	Increased Corneal Epithelial Turnover Contributes to Abnormal Homeostasis in the Pax6+/ ^{+/+} Mouse Model of Aniridia. <i>PLoS ONE</i> , 2013, 8, e71117.	2.5	35

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19	Maintenance of distinct melanocyte populations in the interfollicular epidermis. <i>Pigment Cell and Melanoma Research</i> , 2015, 28, 476-480.	3.3	34
20	Ex vivo live imaging of melanoblast migration in embryonic mouse skin. <i>Pigment Cell and Melanoma Research</i> , 2010, 23, 299-301.	3.3	30
21	Osteoclast stimulation factor 1 (Ostf1) KNOCKOUT increases trabecular bone mass in mice. <i>Mammalian Genome</i> , 2017, 28, 498-514.	2.2	19
22	Interaction between hedgehog signalling and PAX6 dosage mediates maintenance and regeneration of the corneal epithelium. <i>Molecular Vision</i> , 2012, 18, 139-50.	1.1	18
23	A CNS-Specific Hypomorphic <i>Pdgfr</i> -Beta Mutant Model of Diabetic Retinopathy. , 2013, 54, 3569.		17
24	Melanins as Sustainable Resources for Advanced Biotechnological Applications. <i>Global Challenges</i> , 2021, 5, 2000102.	3.6	16
25	The invasion speed of cell migration models with realistic cell cycle time distributions. <i>Journal of Theoretical Biology</i> , 2019, 481, 91-99.	1.7	15
26	Concerted cell divisions in embryonic visceral endoderm guide anterior visceral endoderm migration. <i>Developmental Biology</i> , 2019, 450, 132-140.	2.0	14
27	Quantitative analysis of patch patterns in mosaic tissues with Ctools software. <i>Journal of Anatomy</i> , 2009, 215, 698-704.	1.5	12
28	Ex vivo Culture of Mouse Embryonic Skin and Live-imaging of Melanoblast Migration. <i>Journal of Visualized Experiments</i> , 2014, , .	0.3	9
29	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
30	The Polymerization of Homogentisic Acid In Vitro as a Model for Pyomelanin Formation. <i>Macromolecular Chemistry and Physics</i> , 2022, 223, .	2.2	4
31	Live Imaging and Analysis of Cilia and Cell Cycle Dynamics with the Arl13bCerulean-Fucci2a Biosensor and Fucci Tools. <i>Methods in Molecular Biology</i> , 2021, 2329, 291-309.	0.9	2
32	Fingerprinting of skin cells by live cell Raman spectroscopy reveals melanoma cell heterogeneity and cell-type-specific responses to UVR. <i>Experimental Dermatology</i> , 2022, 31, 1543-1553.	2.9	2
33	Normal X-inactivation mosaicism in corneas of heterozygous <i>Flna</i> <i>Dilp2</i> /+ female mice-a model of human Filamin A (FLNA) diseases. <i>BMC Research Notes</i> , 2012, 5, 122.	1.4	1
34	Abnormal corneal epithelial maintenance in mice heterozygous for the micropinna microphthalmia mutation <i>Mp</i> . <i>Experimental Eye Research</i> , 2016, 149, 26-39.	2.6	1
35	Defining the Identity and Dynamics of Adult Gastric Isthmus Stem Cells. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1