

Robin M Hobbs

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

6,500
citations

117625

34
h-index

161849

54
g-index

57
all docs

57
docs citations

57
times ranked

8757
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinctive molecular features of regenerative stem cells in the damaged male germline. <i>Nature Communications</i> , 2022, 13, 2500.	12.8	9
2	Sperm proteins and cancer testis antigens are released by the seminiferous tubules in mice and men. <i>FASEB Journal</i> , 2021, 35, e21397.	0.5	14
3	Long-Term Maintenance and Meiotic Entry of Early Germ Cells in Murine Testicular Organoids Functionalized by 3D Printed Scaffolds and Air-Medium Interface Cultivation. <i>Frontiers in Physiology</i> , 2021, 12, 757565.	2.8	12
4	Control of Glucocorticoid Receptor Levels by PTEN Establishes a Failsafe Mechanism for Tumor Suppression. <i>Molecular Cell</i> , 2020, 80, 279-295.e8.	9.7	14
5	SOX3 promotes generation of committed spermatogonia in postnatal mouse testes. <i>Scientific Reports</i> , 2020, 10, 6751.	3.3	22
6	The aging spermatogonial stem cell niche. <i>Advances in Stem Cells and Their Niches</i> , 2020, , 41-63.	0.1	0
7	Transillumination-Assisted Dissection of Specific Stages of the Mouse Seminiferous Epithelial Cycle for Downstream Immunostaining Analyses. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	8
8	Mechanisms regulating mammalian spermatogenesis and fertility recovery following germ cell depletion. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 4071-4102.	5.4	51
9	Transplantation of Retinal Ganglion Cells Derived from Male Germline Stem Cell as a Potential Treatment to Glaucoma. <i>Stem Cells and Development</i> , 2019, 28, 1365-1375.	2.1	20
10	DDX5 plays essential transcriptional and post-transcriptional roles in the maintenance and function of spermatogonia. <i>Nature Communications</i> , 2019, 10, 2278.	12.8	74
11	Engineering Strategy and Vector Library for the Rapid Generation of Modular Light-Controlled Protein-Protein Interactions. <i>Journal of Molecular Biology</i> , 2019, 431, 3046-3055.	4.2	19
12	Revealing cellular and molecular transitions in neonatal germ cell differentiation using Single-cell RNA sequencing. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	20
13	Molecular regulation of spermatogonial stem cell renewal and differentiation. <i>Reproduction</i> , 2019, 158, R169-R187.	2.6	84
14	RNA processing in the male germline: Mechanisms and implications for fertility. <i>Seminars in Cell and Developmental Biology</i> , 2018, 79, 80-91.	5.0	29
15	Cep55 overexpression causes male-specific sterility in mice by suppressing Foxo1 nuclear retention through sustained activation of PI3K/Akt signaling. <i>FASEB Journal</i> , 2018, 32, 4984-4999.	0.5	43
16	Identification of dynamic undifferentiated cell states within the male germline. <i>Nature Communications</i> , 2018, 9, 2819.	12.8	68
17	GILZ-dependent modulation of mTORC1 regulates spermatogonial maintenance. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	25
18	Germline Stem Cell Activity Is Sustained by SALL4-Dependent Silencing of Distinct Tumor Suppressor Genes. <i>Stem Cell Reports</i> , 2017, 9, 956-971.	4.8	50

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19	Inpp5e suppresses polycystic kidney disease via inhibition of PI3K/Akt-dependent mTORC1 signaling. <i>Human Molecular Genetics</i> , 2016, 25, 2295-2313.	2.9	45
20	LRF maintains genome integrity by regulating the non-homologous end joining pathway of DNA repair. <i>Nature Communications</i> , 2015, 6, 8325.	12.8	18
21	Suppression of <i>CHK1</i> by ETS Family Members Promotes DNA Damage Response Bypass and Tumorigenesis. <i>Cancer Discovery</i> , 2015, 5, 550-563.	9.4	24
22	Distinct germline progenitor subsets defined through Tsc2-mediated mTORC1 signaling. <i>EMBO Reports</i> , 2015, 16, 467-480.	4.5	58
23	A Genetic Platform to Model Sarcomagenesis from Primary Adult Mesenchymal Stem Cells. <i>Cancer Discovery</i> , 2015, 5, 396-409.	9.4	22
24	Cancer-Associated PTEN Mutants Act in a Dominant-Negative Manner to Suppress PTEN Protein Function. <i>Cell</i> , 2014, 157, 595-610.	28.9	235
25	Reprogramming Can Be a Transforming Experience. <i>Cell Stem Cell</i> , 2014, 14, 269-271.	11.1	4
26	Vulnerabilities of <i>PTEN</i> -deficient <i>TP53</i> -Deficient Prostate Cancers to Compound PARP and PI3K Inhibition. <i>Cancer Discovery</i> , 2014, 4, 896-904.	9.4	88
27	Glucocorticoid-Induced Leucine Zipper (GILZ) Regulates Testicular FOXO1 Activity and Spermatogonial Stem Cell (SSC) Function. <i>PLoS ONE</i> , 2013, 8, e59149.	2.5	29
28	Functional Antagonism between Sall4 and Plzf Defines Germline Progenitors. <i>Cell Stem Cell</i> , 2012, 10, 284-298.	11.1	163
29	Systemic Elevation of PTEN Induces a Tumor-Suppressive Metabolic State. <i>Cell</i> , 2012, 149, 49-62.	28.9	339
30	CIP2A Promotes Proliferation of Spermatogonial Progenitor Cells and Spermatogenesis in Mice. <i>PLoS ONE</i> , 2012, 7, e33209.	2.5	49
31	Generation of Functional Hepatocytes From Mouse Germ Line Cell-Derived Pluripotent Stem Cells In Vitro. <i>Stem Cells and Development</i> , 2010, 19, 1183-1194.	2.1	21
32	Essential Role of the p110 ^β Subunit of Phosphoinositide 3-OH Kinase in Male Fertility. <i>Molecular Biology of the Cell</i> , 2010, 21, 704-711.	2.1	58
33	Development of Promyelocytic Zinc Finger and ThPOK-Expressing Innate T Cells Is Controlled by Strength of TCR Signaling and Id3. <i>Journal of Immunology</i> , 2010, 184, 1268-1279.	0.8	139
34	Identification of the miR-106b ~ miR-25 MicroRNA Cluster as a Proto-Oncogenic <i>PTEN</i> -Targeting Intron That Cooperates with Its Host Gene <i>MCM7</i> in Transformation. <i>Science Signaling</i> , 2010, 3, ra29.	3.6	390
35	Plzf Regulates Germline Progenitor Self-Renewal by Opposing mTORC1. <i>Cell</i> , 2010, 142, 468-479.	28.9	237
36	Shape-shifting and tumor suppression by PLZF. <i>Oncotarget</i> , 2010, 1, 3-5.	1.8	7

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37	Shape-shifting and tumor suppression by PLZF. <i>Oncotarget</i> , 2010, 1, 3-5.	1.8	7
38	TCR-inducible PLZF transcription factor required for innate phenotype of a subset of $\gamma\delta$ T cells with restricted TCR diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 12453-12458.	7.1	242
39	LRF Is an Essential Downstream Target of GATA1 in Erythroid Development and Regulates BIM-Dependent Apoptosis. <i>Developmental Cell</i> , 2009, 17, 527-540.	7.0	97
40	Differential Requirement of mTOR in Postmitotic Tissues and Tumorigenesis. <i>Science Signaling</i> , 2009, 2, ra2.	3.6	64
41	Cyclin-dependent kinase antagonizes promyelocytic leukemia zinc-finger through phosphorylation. <i>Oncogene</i> , 2008, 27, 3789-3796.	5.9	36
42	The BTB zinc finger transcriptional regulator PLZF controls the development of invariant natural killer T cell effector functions. <i>Nature Immunology</i> , 2008, 9, 1055-1064.	14.5	503
43	Repression of kit Expression by Plzf in Germ Cells. <i>Molecular and Cellular Biology</i> , 2007, 27, 6770-6781.	2.3	178
44	Regulation of B Versus T Lymphoid Lineage Fate Decision by the Proto-Oncogene LRF. <i>Science</i> , 2007, 316, 860-866.	12.6	190
45	RAR α -PLZF overcomes PLZF-mediated repression of <i>CRABPI</i> , contributing to retinoid resistance in t(11;17) acute promyelocytic leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 18694-18699.	7.1	62
46	Characterization, Cryopreservation, and Ablation of Spermatogonial Stem Cells in Adult Rhesus Macaques. <i>Stem Cells</i> , 2007, 25, 2330-2338.	3.2	198
47	Generation of functional multipotent adult stem cells from GPR125+ germline progenitors. <i>Nature</i> , 2007, 449, 346-350.	27.8	430
48	A Novel Signal Transduction Cascade Involving Direct Physical Interaction of the Renin/Prorenin Receptor With the Transcription Factor Promyelocytic Zinc Finger Protein. <i>Circulation Research</i> , 2006, 99, 1355-1366.	4.5	287
49	LRF/Pokemon Plays a Pivotal Role in B Versus T Lymphoid Lineage Fate Decision at the Early Lymphoid Progenitor Stage by Opposing Notch1 Signaling. <i>Blood</i> , 2006, 108, 778-778.	1.4	0
50	The Transcription Factor Pokemon: A New Key Player in Cancer Pathogenesis: Figure 1. <i>Cancer Research</i> , 2005, 65, 8575-8578.	0.9	84
51	Role of the proto-oncogene Pokemon in cellular transformation and ARF repression. <i>Nature</i> , 2005, 433, 278-285.	27.8	461
52	Disruption of PLZF in Mice Leads to Increased T-Lymphocyte Proliferation, Cytokine Production, and Altered Hematopoietic Stem Cell Homeostasis. <i>Molecular and Cellular Biology</i> , 2004, 24, 10456-10469.	2.3	53
53	Expression of Activated MEK1 in Differentiating Epidermal Cells Is Sufficient to Generate Hyperproliferative and Inflammatory Skin Lesions. <i>Journal of Investigative Dermatology</i> , 2004, 123, 503-515.	0.7	79
54	Essential role of Plzf in maintenance of spermatogonial stem cells. <i>Nature Genetics</i> , 2004, 36, 653-659.	21.4	852

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55	Regulation of Interleukin-1 β Expression by Integrins and Epidermal Growth Factor Receptor in Keratinocytes from a Mouse Model of Inflammatory Skin Disease. <i>Journal of Biological Chemistry</i> , 2003, 278, 19798-19807.	3.4	41
56	A role for mitogen-activated protein kinase activation by integrins in the pathogenesis of psoriasis. <i>Journal of Clinical Investigation</i> , 2001, 108, 527-536.	8.2	145