

# Robert G Hawley

## List of Publications by Year in descending order

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127  
papers

10,668  
citations

81434

41  
h-index

36203

101  
g-index

128  
all docs

128  
docs citations

128  
times ranked

20758  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional genetic variants of the GATA4 gene promoter in acute myocardial infarction. <i>Molecular Medicine Reports</i> , 2019, 19, 2861-2868.	1.1	3
2	Novel and functional ATG12 gene variants in sporadic Parkinson's disease. <i>Neuroscience Letters</i> , 2017, 643, 22-26.	1.0	16
3	Genetic analysis of the ATG16L1 gene promoter in sporadic Parkinson's disease. <i>Neuroscience Letters</i> , 2017, 646, 30-35.	1.0	8
4	Fluorescent Proteins for Flow Cytometry. <i>Current Protocols in Cytometry</i> , 2017, 80, 9.12.1-9.12.20.	3.7	5
5	Increased expression of the tight junction protein TJP1/ZO-1 is associated with upregulation of TAZ-TEAD activity and an adult tissue stem cell signature in carfilzomib-resistant multiple myeloma cells and high-risk multiple myeloma patients. <i>Oncoscience</i> , 2017, 4, 79-94.	0.9	18
6	Correlating Chemical Sensitivity with Low Level Activation of Mechanotransduction Pathways in Hematologic Malignancies. <i>Exploratory Research and Hypothesis in Medicine</i> , 2017, 2, 1-5.	0.1	1
7	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
8	Nrf2: not a "lost in translation" Aging, 2016, 8, 3153-3154.	1.4	3
9	Noncanonical SQSTM1/p62-Nrf2 pathway activation mediates proteasome inhibitor resistance in multiple myeloma cells via redox, metabolic and translational reprogramming. <i>Oncotarget</i> , 2016, 7, 66360-66385.	0.8	43
10	KLF4-SQSTM1/p62-associated prosurvival autophagy contributes to carfilzomib resistance in multiple myeloma models. <i>Oncotarget</i> , 2015, 6, 14814-14831.	0.8	67
11	Novel and functional ABCB1 gene variant in sporadic Parkinson's disease. <i>Neuroscience Letters</i> , 2014, 566, 61-66.	1.0	15
12	Identification of an ABCB1 (P-glycoprotein)-positive carfilzomib-resistant myeloma subpopulation by the pluripotent stem cell fluorescent dye CDy1. <i>American Journal of Hematology</i> , 2013, 88, 265-272.	2.0	79
13	Genetic analysis of the ATG7 gene promoter in sporadic Parkinson's disease. <i>Neuroscience Letters</i> , 2013, 534, 193-198.	1.0	38
14	Identification of a novel 21bp-insertion variant within the LC3B gene promoter in sporadic Parkinson's disease. <i>Translational Research</i> , 2013, 161, 441-443.	2.2	6
15	A novel and functional variant within the ATG5 gene promoter in sporadic Parkinson's disease. <i>Neuroscience Letters</i> , 2013, 538, 49-53.	1.0	38
16	Treatment of Hemophilia A Using B Cell-Directed Protein Delivery. , 2013, , 239-249.		0
17	The DN2 Myeloid-T (DN2mt) Progenitor is a Target Cell for Leukemic Transformation by the TLX1 Oncogene. <i>Journal of Bone Marrow Research</i> , 2013, 01, .	0.2	1
18	Flow cytometry of fluorescent proteins. <i>Methods</i> , 2012, 57, 318-330.	1.9	77

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19	An Integrated Bioinformatics and Computational Biology Approach Identifies New BH3-Only Protein Candidates. <i>The Open Biology Journal</i> , 2012, 5, 6-16.	0.5	10
20	The Cancer Stem Cell Conundrum in Multiple Myeloma. <i>Journal of Stem Cell Research &amp; Therapy</i> , 2012, 02, .	0.3	3
21	Factor VIII delivered by haematopoietic stem cell-derived B cells corrects the phenotype of haemophilia A mice. <i>Thrombosis and Haemostasis</i> , 2011, 105, 676-687.	1.8	21
22	Apoptotic Role of IKK in T-ALL Therapeutic Response. <i>Molecular Cancer Research</i> , 2011, 9, 979-984.	1.5	11
23	Lentiviral Fluorescent Protein Expression Vectors for Biotinylation Proteomics. <i>Methods in Molecular Biology</i> , 2011, 699, 431-447.	0.4	4
24	Hematopoietic immortalizing function of the NK cell subclass homeobox gene <i>TLX1</i> . <i>Genes Chromosomes and Cancer</i> , 2010, 49, 119-131.	1.5	2
25	TLX1 and NOTCH coregulate transcription in T cell acute lymphoblastic leukemia cells. <i>Molecular Cancer</i> , 2010, 9, 181.	7.9	26
26	Strategies to Insulate Lentiviral Vector-Expressed Transgenes. <i>Methods in Molecular Biology</i> , 2010, 614, 77-100.	0.4	23
27	Role of <i>TLX1</i> in T cell acute lymphoblastic leukaemia pathogenesis. <i>British Journal of Haematology</i> , 2009, 145, 140-143.	1.2	13
28	Transcriptional activation by TLX1/HOX11 involves Gro/TLE corepressors. <i>Biochemical and Biophysical Research Communications</i> , 2009, 380, 361-365.	1.0	21
29	Correction of murine hemophilia A following nonmyeloablative transplantation of hematopoietic stem cells engineered to encode an enhanced human factor VIII variant using a safety-augmented retroviral vector. <i>Blood</i> , 2009, 114, 526-534.	0.6	30
30	Genomic Stability in Stem Cells. , 2009, , 67-74.		8
31	Combinatorial Incorporation of Enhancer-Blocking Components of the Chicken $\beta$ -Globin 5'HS4 and Human T-Cell Receptor $\beta$ BEAD-1 Insulators in Self-Inactivating Retroviral Vectors Reduces Their Genotoxic Potential. <i>Stem Cells</i> , 2008, 26, 3257-3266.	1.4	61
32	Does Retroviral Insertional Mutagenesis Play a Role in the Generation of Induced Pluripotent Stem Cells?. <i>Molecular Therapy</i> , 2008, 16, 1354-1355.	3.7	25
33	<i>TLX1 (HOX11)</i> Immortalization of Embryonic Stem Cell-Derived and Primary Murine Hematopoietic Progenitors. <i>Current Protocols in Stem Cell Biology</i> , 2008, 7, Unit 1F.7.	3.0	6
34	Reducing the Genotoxic Potential of Retroviral Vectors. , 2008, 434, 183-203.		10
35	Functional Analysis of Various Promoters in Lentiviral Vectors at Different Stages of In Vitro Differentiation of Mouse Embryonic Stem Cells. <i>Molecular Therapy</i> , 2007, 15, 1630-1639.	3.7	135
36	Resistance to Fas-Induced Apoptosis in Cells from Human Atherosclerotic Lesions: Elevated Bcl-X <sub>L</sub> ; Inhibits Apoptosis and Caspase Activation. <i>Journal of Vascular Research</i> , 2007, 44, 483-494.	0.6	10

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37	Role of the T-Cell Acute Lymphoblastic Leukemia Oncoprotein TLX1/HOX11 in Chromatin Dynamics and Gene Regulatory Networks.. Blood, 2007, 110, 56-56.	0.6	0
38	High-Titer Retroviral Vectors for Efficient Transduction of Functional Genes into Murine Hematopoietic Stem Cells. Annals of the New York Academy of Sciences, 2006, 716, 327-330.	1.8	26
39	TLX1/HOX11-mediated disruption of primary thymocyte differentiation prior to the CD4+CD8+ double-positive stage. British Journal of Haematology, 2006, 132, 216-229.	1.2	25
40	Stable Gammaretroviral Vector Expression during Embryonic Stem Cell-Derived In Vitro Hematopoietic Development. Molecular Therapy, 2006, 14, 245-254.	3.7	19
41	Hematopoietic Stem Cells. Methods in Enzymology, 2006, 419, 149-179.	0.4	28
42	Retroviral Transduction in Fetal Thymic Organ Culture. , 2005, 105, 311-322.		7
43	Bypass of Senescence, Immortalization, and Transformation of Human Hematopoietic Progenitor Cells. Stem Cells, 2005, 23, 1423-1433.	1.4	42
44	Open Access, Rapid Publishing: No Longer a Thing of the Future. Stem Cells, 2005, 23, 456-457.	1.4	0
45	G1/S transcriptional networks modulated by the HOX11/TLX1 oncogene of T-cell acute lymphoblastic leukemia. Oncogene, 2005, 24, 5561-5575.	2.6	45
46	Erratum to "Sustained Phenotypic Correction of Hemophilia A Mice Following Oncoretroviral-Mediated Expression of a Bioengineered Human Factor VIII Gene in Long-Term Hematopoietic Repopulating Cells". Molecular Therapy, 2005, 12, 579-580.	3.7	0
47	Correction of murine hemophilia a by hematopoietic stem cell gene therapy. Molecular Therapy, 2005, 12, 1034-1042.	3.7	81
48	Specific pharmacological dimerization of KDR in lentivirally transduced human hematopoietic cells activates antiapoptotic and proliferative mechanisms. FASEB Journal, 2005, 19, 1752-1754.	0.2	12
49	Transfer of a TCR Gene Derived from a Patient with a Marked Antitumor Response Conveys Highly Active T-Cell Effector Functions. Human Gene Therapy, 2005, 16, 457-472.	1.4	218
50	Multiparameter Flow Cytometry of Fluorescent Protein Reporters. , 2004, 263, 219-238.		22
51	Hematopoietic Cell Fate and the Initiation of Leukemic Properties in Primitive Primary Human Cells Are Influenced by Ras Activity and Farnesyltransferase Inhibition. Molecular and Cellular Biology, 2004, 24, 6993-7002.	1.1	37
52	Tissue inhibitor of matrix metalloproteinase-1 overexpression in M1 myeloblasts impairs IL-6-induced differentiation. Oncogene, 2004, 23, 9212-9219.	2.6	14
53	Detection and Enrichment of Hematopoietic Stem Cells by Side Population Phenotype. , 2004, 263, 161-180.		15
54	Sustained phenotypic correction of hemophilia a mice following oncoretroviral-mediated expression of a bioengineered human factor VIII gene in long-term hematopoietic repopulating cells. Molecular Therapy, 2004, 10, 892-902.	3.7	62

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55	Human Immunodeficiency Virus Type 1-Based Vectors for Gene Delivery to Human Hematopoietic Stem Cells. , 2003, 76, 467-492.		5
56	High-Level Sustained Transgene Expression in Human Embryonic Stem Cells Using Lentiviral Vectors. Stem Cells, 2003, 21, 111-117.	1.4	266
57	Integrative molecular and developmental biology of adult stem cells. Biology of the Cell, 2003, 95, 363-378.	0.7	24
58	Analysis of violet-excited fluorochromes by flow cytometry using a violet laser diode. Cytometry, 2003, 54A, 48-55.	1.8	32
59	Catalytic-dependent and -independent roles of SHP-2 tyrosine phosphatase in interleukin-3 signaling. Oncogene, 2003, 22, 5995-6004.	2.6	70
60	BCL-2 and BCL-XL Restrict Lineage Choice during Hematopoietic Differentiation. Journal of Biological Chemistry, 2003, 278, 25158-25165.	1.6	45
61	Phenotype correction of fanconi anemia group a hematopoietic stem cells using lentiviral vector. Molecular Therapy, 2003, 8, 600-610.	3.7	28
62	Specific homeodomain-DNA interactions are required for HOX11-mediated transformation. Blood, 2003, 101, 4966-4974.	0.6	29
63	Performance- and safety-enhanced lentiviral vectors containing the human interferon- $\beta$ scaffold attachment region and the chicken $\beta$ -globin insulator. Blood, 2003, 101, 4717-4724.	0.6	147
64	Development of Improved Factor VIII Molecules and New Gene Transfer Approaches for Hemophilia A. Current Gene Therapy, 2003, 3, 27-41.	0.9	31
65	Role of the docking protein Gab2 in $\beta$ 2-integrin signaling pathway-mediated hematopoietic cell adhesion and migration. Blood, 2002, 99, 2351-2359.	0.6	50
66	Immortalization of yolk sac-derived precursor cells. Blood, 2002, 100, 3828-3831.	0.6	20
67	Generation of HIV $\beta$ -Based Lentiviral Vector Particles. Current Protocols in Molecular Biology, 2002, 60, Unit 16.22.	2.9	15
68	Overview of the HIV $\beta$ Lentiviral Vector System. Current Protocols in Molecular Biology, 2002, 60, Unit 16.21.	2.9	18
69	The Tao of Hematopoietic Stem Cells: Toward a Unified Theory of Tissue Regeneration. Scientific World Journal, The, 2002, 2, 983-995.	0.8	6
70	HOXandNon-HOXHomeobox Genes in Leukemic Hematopoiesis. Stem Cells, 2002, 20, 364-379.	1.4	152
71	High Levels of Transgene Expression Following Transduction of Long-Term NOD/SCID-Repopulating Human Cells with a Modified Lentiviral Vector. Stem Cells, 2001, 19, 247-259.	1.4	41
72	Four-Color Flow Cytometric Detection of Retrovirally Expressed Red, Yellow, Green, and Cyan Fluorescent Proteins. BioTechniques, 2001, 30, 1028-1034.	0.8	61

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73	The myeloma-associated oncogene fibroblast growth factor receptor 3 is transforming in hematopoietic cells. <i>Blood</i> , 2001, 97, 2413-2419.	0.6	91
74	“Rainbow” Reporters for Multispectral Marking and Lineage Analysis of Hematopoietic Stem Cells. <i>Stem Cells</i> , 2001, 19, 118-124.	1.4	37
75	Tricistronic viral vectors co-expressing interleukin-12 (1L-12) and CD80 (B7-1) for the immunotherapy of cancer: Preclinical studies in myeloma. <i>Cancer Gene Therapy</i> , 2001, 8, 361-370.	2.2	33
76	Tetracycline-regulatable adenovirus vectors: pharmacologic properties and clinical potential. <i>European Journal of Pharmaceutical Sciences</i> , 2001, 13, 53-60.	1.9	29
77	Fibronectin Fragment CH-296 Inhibits Apoptosis and Enhances ex Vivo Gene Transfer by Murine Retrovirus and Human Lentivirus Vectors Independent of Viral Tropism in Nonhuman Primate CD34+ Cells. <i>Molecular Therapy</i> , 2001, 3, 359-367.	3.7	51
78	Expansion of human cord blood CD34+CD38 <sup>hi</sup> cells in ex vivo culture during retroviral transduction without a corresponding increase in SCID repopulating cell (SRC) frequency: dissociation of SRC phenotype and function. <i>Blood</i> , 2000, 95, 102-110.	0.6	243
79	Ectopic expression of fibroblast growth factor receptor 3 promotes myeloma cell proliferation and prevents apoptosis. <i>Blood</i> , 2000, 95, 992-998.	0.6	151
80	Lentiviral Vectors for Enhanced Gene Expression in Human Hematopoietic Cells. <i>Molecular Therapy</i> , 2000, 2, 458-469.	3.7	207
81	The NFAT-Related Protein NFATL1 (TonEBP/NFAT5) Is Induced Upon T Cell Activation in a Calcineurin-Dependent Manner. <i>Journal of Immunology</i> , 2000, 165, 4884-4894.	0.4	153
82	TALE Homeoproteins as HOX11-Interacting Partners in T-cell Leukemia. <i>Leukemia and Lymphoma</i> , 2000, 39, 241-256.	0.6	26
83	Gene Therapy 2000. Hematology American Society of Hematology Education Program, 2000, 2000, 376-393.	0.9	24
84	Gene Therapy 2000. Hematology American Society of Hematology Education Program, 2000, 2000, 376-393.	0.9	4
85	Gene Therapy 2000. Hematology American Society of Hematology Education Program, 2000, 2000, 376-393.	0.9	1
86	Expansion of human cord blood CD34+CD38 <sup>hi</sup> cells in ex vivo culture during retroviral transduction without a corresponding increase in SCID repopulating cell (SRC) frequency: dissociation of SRC phenotype and function. <i>Blood</i> , 2000, 95, 102-110.	0.6	3
87	Dominant Negative Mutants Implicate STAT5 in Myeloid Cell Proliferation and Neutrophil Differentiation. <i>Blood</i> , 1999, 93, 4154-4166.	0.6	104
88	AKAP350, a Multiply Spliced Protein Kinase A-anchoring Protein Associated with Centrosomes. <i>Journal of Biological Chemistry</i> , 1999, 274, 3055-3066.	1.6	132
89	HOX11 interacts with CTF1 and mediates hematopoietic precursor cell immortalization. <i>Oncogene</i> , 1999, 18, 2273-2279.	2.6	19
90	Significance of VLA-4-VCAM-1 interaction and CD44 for transendothelial invasion in a bone marrow metastatic myeloma model. <i>Clinical and Experimental Metastasis</i> , 1999, 17, 623-629.	1.7	50

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91	Socs1 binds to multiple signalling proteins and suppresses Steel factor-dependent proliferation. EMBO Journal, 1999, 18, 904-915.	3.5	192
92	Cloning and Expression Analysis of a Novel WD Repeat Gene, WDR3, Mapping to 1p12â€“p13. Genomics, 1999, 59, 85-89.	1.3	19
93	Dominant Negative Mutants Implicate STAT5 in Myeloid Cell Proliferation and Neutrophil Differentiation. Blood, 1999, 93, 4154-4166.	0.6	7
94	Identification of Sequence-Tagged Transcripts Differentially Expressed within the Human Hematopoietic Hierarchy. Genomics, 1998, 50, 44-52.	1.3	18
95	Growth Control Mechanisms in Multiple Myeloma. Leukemia and Lymphoma, 1998, 29, 465-475.	0.6	31
96	Co-expression of B7â€“1 with Interleukin-12 Enhances Vaccine-induced Antitumour Immunity in Experimental Myeloma. Hematology, 1998, 3, 365-374.	0.7	2
97	Protein Tyrosine Phosphatase 2 (SHP-2) Moderates Signaling by gp130 but Is Not Required for the Induction of Acute-Phase Plasma Protein Genes in Hepatic Cells. Molecular and Cellular Biology, 1998, 18, 1525-1533.	1.1	112
98	Leukemic Predisposition of Mice Transplanted With Gene-Modified Hematopoietic Precursors Expressing flt3 Ligand. Blood, 1998, 92, 2003-2011.	0.6	50
99	Sustained Gene Expression in Retrovirally Transduced, Engrafting Human Hematopoietic Stem Cells and Their Lympho-Myeloid Progeny. Blood, 1998, 92, 83-92.	0.6	82
100	Overexpression of HOX11 Leads to the Immortalization of Embryonic Precursors With Both Primitive and Definitive Hematopoietic Potential. Blood, 1998, 92, 877-887.	0.6	76
101	Development of a Double-Copy Bicistronic Retroviral Vector for Human Gene Therapy. Advances in Experimental Medicine and Biology, 1998, 451, 441-447.	0.8	7
102	Overexpression of HOX11 Leads to the Immortalization of Embryonic Precursors With Both Primitive and Definitive Hematopoietic Potential. Blood, 1998, 92, 877-887.	0.6	6
103	Leukemic Predisposition of Mice Transplanted With Gene-Modified Hematopoietic Precursors Expressing flt3 Ligand. Blood, 1998, 92, 2003-2011.	0.6	4
104	Enhanced Immunogenicity of B Cell Lymphoma Genetically Engineered to Express Both B7-1 and Interleukin-12. Human Gene Therapy, 1997, 8, 2217-2228.	1.4	29
105	Leptin Receptor Action in Hepatic Cells. Journal of Biological Chemistry, 1997, 272, 16216-16223.	1.6	172
106	Interferon-Î² Interrupts Interleukin-6â€“Dependent Signaling Events in Myeloma Cells. Blood, 1997, 89, 261-271.	0.6	39
107	Interferon-Î² Interrupts Interleukin-6â€“Dependent Signaling Events in Myeloma Cells. Blood, 1997, 89, 261-271.	0.6	1
108	Therapeutic potential of retroviral vectors. Transfusion Science, 1996, 17, 7-14.	0.6	13

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109	Retroviral Vectors for Production of Interleukin-12 in the Bone Marrow to Induce a Graft-Versus-Leukemia Effect. <i>Annals of the New York Academy of Sciences</i> , 1996, 795, 341-345.	1.8	43
110	Use of green fluorescent protein variants to monitor gene transfer and expression in mammalian cells. <i>Nature Biotechnology</i> , 1996, 14, 606-609.	9.4	168
111	Receptors for Interleukin (IL)-10 and IL-6-type Cytokines Use Similar Signaling Mechanisms for Inducing Transcription through IL-6 Response Elements. <i>Journal of Biological Chemistry</i> , 1996, 271, 13968-13975.	1.6	84
112	Retrovirus-Mediated Gene Expression in Hematopoietic Cells Correlates Inversely with Growth Factor Stimulation. <i>Human Gene Therapy</i> , 1996, 7, 2263-2271.	1.4	33
113	Analysis of gene expression in a complex differentiation hierarchy by global amplification of cDNA from single cells. <i>Current Biology</i> , 1995, 5, 909-922.	1.8	174
114	Adhesion molecules involved in the binding of murine myeloma cells to bone marrow stromal elements. <i>International Journal of Cancer</i> , 1995, 63, 823-830.	2.3	41
115	Interleukin-6-type Cytokines in Myeloproliferative Disease. <i>Annals of the New York Academy of Sciences</i> , 1995, 762, 294-307.	1.8	7
116	Inhibition of nuclear hormone receptor activity by calreticulin. <i>Nature</i> , 1994, 367, 480-483.	13.7	357
117	Association between ICAM-1 expression and metastatic capacity of murine B-cell hybridomas. <i>Clinical and Experimental Metastasis</i> , 1993, 11, 213-226.	1.7	23
118	Establishment of a novel factor-dependent myeloid cell line from primary cultures of mouse bone marrow. <i>Cytokine</i> , 1991, 3, 60-71.	1.4	15
119	Leukocytosis in mice following long-term reconstitution with genetically-modified bone marrow cells constitutively expressing interleukin 1 $\beta$ or interleukin 6. <i>Leukemia Research</i> , 1991, 15, 659-673.	0.4	12
120	Expression of Retrovirally Transduced IL-1 $\beta$ in IL-6-Dependent B Cells: A Murine Model of Aggressive Multiple Myeloma. <i>Growth Factors</i> , 1991, 5, 327-338.	0.5	23
121	Suppression of programmed death and G1 arrest in B-cell hybridomas by interleukin-6 is not accompanied by altered expression of immediate early response genes. <i>Journal of Cellular Physiology</i> , 1990, 145, 564-574.	2.0	42
122	An improved retroviral vector for gene transfer into undifferentiated cells. <i>Nucleic Acids Research</i> , 1989, 17, 4001-4001.	6.5	24
123	Comparative analysis of retroviral vector expression in mouse embryonal carcinoma cells. <i>Plasmid</i> , 1989, 22, 120-131.	0.4	32
124	Immunoglobulin synthesis in non-B cell lines. <i>Immunology Letters</i> , 1986, 12, 257-262.	1.1	1
125	Transposition of intracisternal A-particle genes in mouse hybridomas. <i>Journal of Cellular Physiology</i> , 1984, 121, 29-38.	2.0	6
126	Transfer of a cloned immunoglobulin light-chain gene to mutant hybridoma cells restores specific antibody production. <i>Nature</i> , 1983, 302, 340-342.	13.7	84



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127	Molecular cloning of an immunoglobulin kappa constant gene from NZB mouse. <i>Gene</i> , 1981, 13, 163-172.	1.0	14