Robert G Hawley

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Inhibition of nuclear hormone receptor activity by calreticulin. Nature, 1994, 367, 480-483.	27.8	357
3	High-Level Sustained Transgene Expression in Human Embryonic Stem Cells Using Lentiviral Vectors. Stem Cells, 2003, 21, 111-117.	3.2	266
4	Expansion of human cord blood CD34+CD38â^'cells in ex vivo culture during retroviral transduction without a corresponding increase in SCID repopulating cell (SRC) frequency: dissociation of SRC phenotype and function. Blood, 2000, 95, 102-110.	1.4	243
5	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.	2.7	218
6	Lentiviral Vectors for Enhanced Gene Expression in Human Hematopoietic Cells. Molecular Therapy, 2000, 2, 458-469.	8.2	207
7	Socs1 binds to multiple signalling proteins and suppresses Steel factor-dependent proliferation. EMBO Journal, 1999, 18, 904-915.	7.8	192
8	Analysis of gene expression in a complex differentiation hierarchy by global amplification of cDNA from single cells. Current Biology, 1995, 5, 909-922.	3.9	174
9	Leptin Receptor Action in Hepatic Cells. Journal of Biological Chemistry, 1997, 272, 16216-16223.	3.4	172
10	Use of green fluorescent protein variants to monitor gene transfer and expression in mammalian cells. Nature Biotechnology, 1996, 14, 606-609.	17.5	168
11	The NFAT-Related Protein NFATL1 (TonEBP/NFAT5) Is Induced Upon T Cell Activation in a Calcineurin-Dependent Manner. Journal of Immunology, 2000, 165, 4884-4894.	0.8	153
12	HOXandNon-HOXHomeobox Genes in Leukemic Hematopoiesis. Stem Cells, 2002, 20, 364-379.	3.2	152
13	Ectopic expression of fibroblast growth factor receptor 3 promotes myeloma cell proliferation and prevents apoptosis. Blood, 2000, 95, 992-998.	1.4	151
14	Performance- and safety-enhanced lentiviral vectors containing the human interferon-β scaffold attachment region and the chicken β-globin insulator. Blood, 2003, 101, 4717-4724.	1.4	147
15	Functional Analysis of Various Promoters in Lentiviral Vectors at Different Stages of In Vitro Differentiation of Mouse Embryonic Stem Cells. Molecular Therapy, 2007, 15, 1630-1639.	8.2	135
16	AKAP350, a Multiply Spliced Protein Kinase A-anchoring Protein Associated with Centrosomes. Journal of Biological Chemistry, 1999, 274, 3055-3066.	3.4	132
17	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.	2.3	112
18	Dominant Negative Mutants Implicate STAT5 in Myeloid Cell Proliferation and Neutrophil Differentiation. Blood, 1999, 93, 4154-4166.	1.4	104

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19	The myeloma-associated oncogene fibroblast growth factor receptor 3 is transforming in hematopoietic cells. Blood, 2001, 97, 2413-2419.	1.4	91
20	Transfer of a cloned immunoglobulin light-chain gene to mutant hybridoma cells restores specific antibody production. Nature, 1983, 302, 340-342.	27.8	84
21	Receptors for Interleukin (IL)-10 and IL-6-type Cytokines Use Similar Signaling Mechanisms for Inducing Transcription through IL-6 Response Elements. Journal of Biological Chemistry, 1996, 271, 13968-13975.	3.4	84
22	Sustained Gene Expression in Retrovirally Transduced, Engrafting Human Hematopoietic Stem Cells and Their Lympho-Myeloid Progeny. Blood, 1998, 92, 83-92.	1.4	82
23	Correction of murine hemophilia a by hematopoietic stem cell gene therapy. Molecular Therapy, 2005, 12, 1034-1042.	8.2	81
24	ldentification of an <scp>ABCB1</scp> (Pâ€glycoprotein)â€positive carfilzomibâ€resistant myeloma subpopulation by the pluripotent stem cell fluorescent dye <scp>CDy1</scp> . American Journal of Hematology, 2013, 88, 265-272.	4.1	79
25	Flow cytometry of fluorescent proteins. Methods, 2012, 57, 318-330.	3.8	77
26	Overexpression of HOX11 Leads to the Immortalization of Embryonic Precursors With Both Primitive and Definitive Hematopoietic Potential. Blood, 1998, 92, 877-887.	1.4	76
27	Catalytic-dependent and -independent roles of SHP-2 tyrosine phosphatase in interleukin-3 signaling. Oncogene, 2003, 22, 5995-6004.	5.9	70
28	KLF4-SQSTM1/p62-associated prosurvival autophagy contributes to carfilzomib resistance in multiple myeloma models. Oncotarget, 2015, 6, 14814-14831.	1.8	67
29	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.	8.2	62
30	Four-Color Flow Cytometric Detection of Retrovirally Expressed Red, Yellow, Green, and Cyan Fluorescent Proteins. BioTechniques, 2001, 30, 1028-1034.	1.8	61
31	Combinatorial Incorporation of Enhancer-Blocking Components of the Chicken <i>β</i> -Globin 5′HS4 and Human T-Cell Receptor <i>α</i> / <i>Ĩ</i> BEAD-1 Insulators in Self-Inactivating Retroviral Vectors Reduces Their Genotoxic Potential. Stem Cells, 2008, 26, 3257-3266.	3.2	61
32	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. Molecular Therapy, 2001, 3, 359-367.	8.2	51
33	Leukemic Predisposition of Mice Transplanted With Gene-Modified Hematopoietic Precursors Expressing flt3 Ligand. Blood, 1998, 92, 2003-2011.	1.4	50
34	Significance of VLA-4-VCAM-1 interaction and CD44 for transendothelial invasion in a bone marrow metastatic myeloma model. Clinical and Experimental Metastasis, 1999, 17, 623-629.	3.3	50
35	Role of the docking protein Gab2 in \hat{l}^21 -integrin signaling pathway-mediated hematopoietic cell adhesion and migration. Blood, 2002, 99, 2351-2359.	1.4	50
36	BCL-2 and BCL-XL Restrict Lineage Choice during Hematopoietic Differentiation. Journal of Biological Chemistry, 2003, 278, 25158-25165.	3.4	45

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37	G1/S transcriptional networks modulated by the HOX11/TLX1 oncogene of T-cell acute lymphoblastic leukemia. Oncogene, 2005, 24, 5561-5575.	5.9	45
38	Retroviral Vectors for Production of Interleukin-12 in the Bone Marrow to Induce a Graft-Versus-Leukemia Effect. Annals of the New York Academy of Sciences, 1996, 795, 341-345.	3.8	43
39	Noncanonical SQSTM1/p62-Nrf2 pathway activation mediates proteasome inhibitor resistance in multiple myeloma cells via redox, metabolic and translational reprogramming. Oncotarget, 2016, 7, 66360-66385.	1.8	43
40	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. Journal of Cellular Physiology, 1990, 145, 564-574.	4.1	42
41	Bypass of Senescence, Immortalization, and Transformation of Human Hematopoietic Progenitor Cells. Stem Cells, 2005, 23, 1423-1433.	3.2	42
42	Adhesion molecules involved in the binding of murine myeloma cells to bone marrow stromal elements. International Journal of Cancer, 1995, 63, 823-830.	5.1	41
43	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.	3.2	41
44	Interferon-β Interrupts Interleukin-6–Dependent Signaling Events in Myeloma Cells. Blood, 1997, 89, 261-271.	1.4	39
45	Genetic analysis of the ATG7 gene promoter in sporadic Parkinson's disease. Neuroscience Letters, 2013, 534, 193-198.	2.1	38
46	A novel and functional variant within the ATG5 gene promoter in sporadic Parkinson's disease. Neuroscience Letters, 2013, 538, 49-53.	2.1	38
47	"Rainbow―Reporters for Multispectral Marking and Lineage Analysis of Hematopoietic Stem Cells. Stem Cells, 2001, 19, 118-124.	3.2	37
48	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.	2.3	37
49	Retrovirus-Mediated Gene Expression in Hematopoietic Cells Correlates Inversely with Growth Factor Stimulation. Human Gene Therapy, 1996, 7, 2263-2271.	2.7	33
50	Tricistronic viral vectors co-expressing interleukin-12 (1L-12) and CD80 (B7-1) for the immunotherapy of cancer: Preclinical studies in myeloma. Cancer Gene Therapy, 2001, 8, 361-370.	4.6	33
51	Comparative analysis of retroviral vector expression in mouse embryonal carcinoma cells. Plasmid, 1989, 22, 120-131.	1.4	32
52	Analysis of violet-excited fluorochromes by flow cytometry using a violet laser diode. Cytometry, 2003, 54A, 48-55.	1.8	32
53	Growth Control Mechanisms in Multiple Myeloma. Leukemia and Lymphoma, 1998, 29, 465-475.	1.3	31
54	Development of Improved Factor VIII Molecules and New Gene Transfer Approaches for Hemophilia A. Current Gene Therapy, 2003, 3, 27-41.	2.0	31

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55	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. Blood, 2009, 114, 526-534.	1.4	30
56	Enhanced Immunogenicity of B Cell Lymphoma Genetically Engineered to Express Both B7-1 and Interleukin-12. Human Gene Therapy, 1997, 8, 2217-2228.	2.7	29
57	Tetracycline-regulatable adenovirus vectors: pharmacologic properties and clinical potential. European Journal of Pharmaceutical Sciences, 2001, 13, 53-60.	4.0	29
58	Specific homeodomain-DNA interactions are required for HOX11-mediated transformation. Blood, 2003, 101, 4966-4974.	1.4	29
59	Phenotype correction of fanconi anemia group a hematopoietic stem cells using lentiviral vector. Molecular Therapy, 2003, 8, 600-610.	8.2	28
60	Hematopoietic Stem Cells. Methods in Enzymology, 2006, 419, 149-179.	1.0	28
61	TALE Homeoproteins as HOX11-Interacting Partners in T-cell Leukemia. Leukemia and Lymphoma, 2000, 39, 241-256.	1.3	26
62	High-Titer Retroviral Vectors for Efficient Transduction of Functional Genes into Murine Hematopoietic Stem Cellsa. Annals of the New York Academy of Sciences, 2006, 716, 327-330.	3.8	26
63	TLX1 and NOTCH coregulate transcription in T cell acute lymphoblastic leukemia cells. Molecular Cancer, 2010, 9, 181.	19.2	26
64	TLX1/HOX11-mediated disruption of primary thymocyte differentiation prior to the CD4+CD8+ double-positive stage. British Journal of Haematology, 2006, 132, 216-229.	2.5	25
65	Does Retroviral Insertional Mutagenesis Play a Role in the Generation of Induced Pluripotent Stem Cells?. Molecular Therapy, 2008, 16, 1354-1355.	8.2	25
66	An improved retroviral vector for gene transfer into undifferentiated cells. Nucleic Acids Research, 1989, 17, 4001-4001.	14.5	24
67	Integrative molecular and developmental biology of adult stem cells. Biology of the Cell, 2003, 95, 363-378.	2.0	24
68	Gene Therapy 2000. Hematology American Society of Hematology Education Program, 2000, 2000, 376-393.	2.5	24
69	Expression of Retrovirally Transduced IL-1 α in IL-6-Dependent B Cells: A Murine Model of Aggressive Multiple Myeloma. Growth Factors, 1991, 5, 327-338.	1.7	23
70	Association between ICAM-1 expression and metastatic capacity of murine B-cell hybridomas. Clinical and Experimental Metastasis, 1993, 11, 213-226.	3.3	23
71	Strategies to Insulate Lentiviral Vector-Expressed Transgenes. Methods in Molecular Biology, 2010, 614, 77-100.	0.9	23
72	Multiparameter Flow Cytometry of Fluorescent Protein Reporters. , 2004, 263, 219-238.		22

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73	Transcriptional activation by TLX1/HOX11 involves Gro/TLE corepressors. Biochemical and Biophysical Research Communications, 2009, 380, 361-365.	2.1	21
74	Factor VIII delivered by haematopoietic stem cell-derived B cells corrects the phenotype of haemophilia A mice. Thrombosis and Haemostasis, 2011, 105, 676-687.	3.4	21
75	Immortalization of yolk sac–derived precursor cells. Blood, 2002, 100, 3828-3831.	1.4	20
76	HOX11 interacts with CTF1 and mediates hematopoietic precursor cell immortalization. Oncogene, 1999, 18, 2273-2279.	5.9	19
77	Cloning and Expression Analysis of a Novel WD Repeat Gene, WDR3, Mapping to 1p12–p13. Genomics, 1999, 59, 85-89.	2.9	19
78	Stable Gammaretroviral Vector Expression during Embryonic Stem Cell-Derived In Vitro Hematopoietic Development. Molecular Therapy, 2006, 14, 245-254.	8.2	19
79	Identification of Sequence-Tagged Transcripts Differentially Expressed within the Human Hematopoietic Hierarchy. Genomics, 1998, 50, 44-52.	2.9	18
80	Overview of the HIVâ€1 Lentiviral Vector System. Current Protocols in Molecular Biology, 2002, 60, Unit 16.21.	2.9	18
81	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. Oncoscience, 2017, 4, 79-94.	2.2	18
82	Novel and functional ATG12 gene variants in sporadic Parkinson's disease. Neuroscience Letters, 2017, 643, 22-26.	2.1	16
83	Establishment of a novel factor-dependent myeloid cell line from primary cultures of mouse bone marrow. Cytokine, 1991, 3, 60-71.	3.2	15
84	Generation of HIV â€1â€Based Lentiviral Vector Particles. Current Protocols in Molecular Biology, 2002, 60, Unit 16.22.	2.9	15
85	Detection and Enrichment of Hematopoietic Stem Cells by Side Population Phenotype. , 2004, 263, 161-180.		15
86	Novel and functional ABCB1 gene variant in sporadic Parkinson's disease. Neuroscience Letters, 2014, 566, 61-66.	2.1	15
87	Molecular cloning of an immunoglobulin kappa constant gene from NZB mouse. Gene, 1981, 13, 163-172.	2.2	14
88	Tissue inhibitor of matrix metalloproteinase-1 overexpression in M1 myeloblasts impairs IL-6-induced differentiation. Oncogene, 2004, 23, 9212-9219.	5.9	14
89	Therapeutic potential of retroviral vectors. Transfusion Science, 1996, 17, 7-14.	0.6	13
90	Role of <i>TLX1</i> in Tâ€cell acute lymphoblastic leukaemia pathogenesis. British Journal of Haematology, 2009, 145, 140-143.	2.5	13

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91	Leukocytosis in mice following long-term reconstitution with genetically-modified bone marrow cells constitutively expressing interleukin 11± or interleukin 6. Leukemia Research, 1991, 15, 659-673.	0.8	12
92	Specific pharmacological dimerization of KDR in lentivirally transduced human hematopoietic cells activates antiapoptotic and proliferative mechanisms. FASEB Journal, 2005, 19, 1752-1754.	0.5	12
93	Apoptotic Role of IKK in T-ALL Therapeutic Response. Molecular Cancer Research, 2011, 9, 979-984.	3.4	11
94	Resistance to Fas-Induced Apoptosis in Cells from Human Atherosclerotic Lesions: Elevated Bcl-X _L Inhibits Apoptosis and Caspase Activation. Journal of Vascular Research, 2007, 44, 483-494.	1.4	10
95	Reducing the Genotoxic Potential of Retroviral Vectors. , 2008, 434, 183-203.		10
96	An Integrated Bioinformatics and Computational Biology Approach Identifies New BH3-Only Protein Candidates. The Open Biology Journal, 2012, 5, 6-16.	0.5	10
97	Genetic analysis of the ATG16L1 gene promoter in sporadic Parkinson's disease. Neuroscience Letters, 2017, 646, 30-35.	2.1	8
98	Genomic Stability in Stem Cells. , 2009, , 67-74.		8
99	Retroviral Transduction in Fetal Thymic Organ Culture. , 2005, 105, 311-322.		7
100	Interleukinâ€6â€Type Cytokines in Myeloproliferative Diseasea. Annals of the New York Academy of Sciences, 1995, 762, 294-307.	3.8	7
101	Development of a Double-Copy Bicistronic Retroviral Vector for Human Gene Therapy. Advances in Experimental Medicine and Biology, 1998, 451, 441-447.	1.6	7
102	Dominant Negative Mutants Implicate STAT5 in Myeloid Cell Proliferation and Neutrophil Differentiation. Blood, 1999, 93, 4154-4166.	1.4	7
103	Transposition of intracisternal A-particle genes in mouse hybridomas. Journal of Cellular Physiology, 1984, 121, 29-38.	4.1	6
104	The Tao of Hematopoietic Stem Cells: Toward a Unified Theory of Tissue Regeneration. Scientific World Journal, The, 2002, 2, 983-995.	2.1	6
105	<i>TLX1 (HOX11)</i> Immortalization of Embryonic Stem Cell–Derived and Primary Murine Hematopoietic Progenitors. Current Protocols in Stem Cell Biology, 2008, 7, Unit 1F.7.	3.0	6
106	Identification of a novel 21bp-insertion variant within the LC3B gene promoter in sporadic Parkinson's disease. Translational Research, 2013, 161, 441-443.	5.0	6
107	Overexpression of HOX11 Leads to the Immortalization of Embryonic Precursors With Both Primitive and Definitive Hematopoietic Potential. Blood, 1998, 92, 877-887.	1.4	6
108	Human Immunodeficiency Virus Type 1-Based Vectors for Gene Delivery to Human Hematopoietic Stem		5

Cells. , 2003, 76, 467-492.

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109	Fluorescent Proteins for Flow Cytometry. Current Protocols in Cytometry, 2017, 80, 9.12.1-9.12.20.	3.7	5
110	Lentiviral Fluorescent Protein Expression Vectors for Biotinylation Proteomics. Methods in Molecular Biology, 2011, 699, 431-447.	0.9	4
111	Gene Therapy 2000. Hematology American Society of Hematology Education Program, 2000, 2000, 376-393.	2.5	4
112	Leukemic Predisposition of Mice Transplanted With Gene-Modified Hematopoietic Precursors Expressing flt3 Ligand. Blood, 1998, 92, 2003-2011.	1.4	4
113	Expansion of human cord blood CD34+CD38â^'cells in ex vivo culture during retroviral transduction without a corresponding increase in SCID repopulating cell (SRC) frequency: dissociation of SRC phenotype and function. Blood, 2000, 95, 102-110.	1.4	3
114	Nrf2: not "lost in translation― Aging, 2016, 8, 3153-3154.	3.1	3
115	Functional genetic variants of the GATA4 gene promoter in acute myocardial infarction. Molecular Medicine Reports, 2019, 19, 2861-2868.	2.4	3
116	The Cancer Stem Cell Conundrum in Multiple Myeloma. Journal of Stem Cell Research & Therapy, 2012, 02, .	0.3	3
117	Co-expression of B7–1 with Interleukin-12 Enhances Vaccine-induced Antitumour Immunity in Experimental Myeloma. Hematology, 1998, 3, 365-374.	1.5	2
118	Hematopoietic immortalizing function of the NKLâ€subclass homeobox gene <i>TLX1</i> . Genes Chromosomes and Cancer, 2010, 49, 119-131.	2.8	2
119	Immunoglobulin synthesis in non-B cell lines. Immunology Letters, 1986, 12, 257-262.	2.5	1
120	The DN2 Myeloid-T (DN2mt) Progenitor is a Target Cell for Leukemic Transformation by the TLX1 Oncogene. Journal of Bone Marrow Research, 2013, 01, .	0.2	1
121	Gene Therapy 2000. Hematology American Society of Hematology Education Program, 2000, 2000, 376-393.	2.5	1
122	Interferon-β Interrupts Interleukin-6–Dependent Signaling Events in Myeloma Cells. Blood, 1997, 89, 261-271.	1.4	1
123	Correlating Chemical Sensitivity with Low Level Activation of Mechanotransduction Pathways in Hematologic Malignancies. Exploratory Research and Hypothesis in Medicine, 2017, 2, 1-5.	0.4	1
124	Open Access, Rapid Publishing: No Longer a Thing of the Future. Stem Cells, 2005, 23, 456-457.	3.2	0
125	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.	8.2	0

126 Treatment of Hemophilia A Using B Cell-Directed Protein Delivery. , 2013, , 239-249.

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127	Role of the T-Cell Acute Lymphoblastic Leukemia Oncoprotein TLX1/HOX11 in Chromatin Dynamics and Gene Regulatory Networks Blood, 2007, 110, 56-56.	1.4	Ο