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List of Publications by Year
in descending order

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73 papers	5,793 citations	100601 38 h-index	87275 74 g-index
79 all docs	79 docs citations	79 times ranked	5822 citing authors

#	Article	IF	Citations
1	Robust CAR-T memory formation and function via hematopoietic stem cell delivery. PLoS Pathogens, 2021, 17, e1009404.	2.1	19
2	Improved delivery of broadly neutralizing antibodies by nanocapsules suppresses SHIV infection in the CNS of infant rhesus macaques. PLoS Pathogens, 2021, 17, e1009738.	2.1	7
3	Longitudinal clonal tracking in humanized mice reveals sustained polyclonal repopulation of gene-modified human-HSPC despite vector integration bias. Stem Cell Research and Therapy, 2021, 12, 528.	2.4	0
4	The clonal repopulation of HSPC gene modified with antiâ€“HIV-1 RNAi is not affected by preexisting HIV-1 infection. Science Advances, 2020, 6, eaay9206.	4.7	7
5	Neural Regeneration: Efficient Delivery of Nerve Growth Factors to the Central Nervous System for Neural Regeneration (Adv. Mater. 33/2019). Advanced Materials, 2019, 31, 1970233.	11.1	2
6	Sustained delivery and molecular targeting of a therapeutic monoclonal antibody to metastases in the central nervous system of mice. Nature Biomedical Engineering, 2019, 3, 706-716.	11.6	75
7	Efficient Delivery of Nerve Growth Factors to the Central Nervous System for Neural Regeneration. Advanced Materials, 2019, 31, e1900727.	11.1	85
8	A Bioinspired Platform for Effective Delivery of Protein Therapeutics to the Central Nervous System. Advanced Materials, 2019, 31, e1807557.	11.1	79
9	Characterization of A Bifunctional Synthetic RNA Aptamer and A Truncated Form for Ability to Inhibit Growth of Non-Small Cell Lung Cancer. Scientific Reports, 2019, 9, 18836.	1.6	11
10	Enhanced Delivery of Rituximab Into Brain and Lymph Nodes Using Timed-Release Nanocapsules in Non-Human Primates. Frontiers in Immunology, 2019, 10, 3132.	2.2	16
11	Modeling Anti-HIV-1 HSPC-Based Gene Therapy in Humanized Mice Previously Infected with HIV-1. Molecular Therapy - Methods and Clinical Development, 2018, 9, 23-32.	1.8	10
12	Modeling large fluctuations of thousands of clones during hematopoiesis: The role of stem cell self-renewal and bursty progenitor dynamics in rhesus macaque. PLoS Computational Biology, 2018, 14, e1006489.	1.5	12
13	Bidirectional Retroviral Integration Site PCR Methodology and Quantitative Data Analysis Workflow. Journal of Visualized Experiments, 2017, , .	0.2	4
14	Purging Exhausted Virus-Specific CD8 T Cell Phenotypes by Somatic Cell Reprogramming. AIDS Research and Human Retroviruses, 2017, 33, S-59-S-69.	0.5	1
15	Long-term persistence and function of hematopoietic stem cell-derived chimeric antigen receptor T cells in a nonhuman primate model of HIV/AIDS. PLoS Pathogens, 2017, 13, e1006753.	2.1	91
16	HIV-1-Specific Chimeric Antigen Receptors Based on Broadly Neutralizing Antibodies. Journal of Virology, 2016, 90, 6999-7006.	1.5	80
17	Phosphorylcholine polymer nanocapsules prolong the circulation time and reduce the immunogenicity of therapeutic proteins. Nano Research, 2016, 9, 1022-1031.	5.8	77
18	Specific Elimination of Latently HIV-1 Infected Cells Using HIV-1 Protease-Sensitive Toxin Nanocapsules. PLoS ONE, 2016, 11, e0151572.	1.1	20

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19	Mechanisms of blood homeostasis: lineage tracking and a neutral model of cell populations in rhesus macaques. BMC Biology, 2015, 13, 85.	1.7	29
20	Ectopic expression of anti-HIV-1 shRNAs protects CD8+ T cells modified with CD4Î¶ CAR from HIV-1 infection and alleviates impairment of cell proliferation. Biochemical and Biophysical Research Communications, 2015, 463, 216-221.	1.0	16
21	Engineering Cellular Resistance to HIV-1 Infection In Vivo Using a Dual Therapeutic Lentiviral Vector. Molecular Therapy - Nucleic Acids, 2015, 4, e236.	2.3	51
22	RNAi-Mediated CCR5 Knockdown Provides HIV-1 Resistance to Memory T Cells in Humanized BLT Mice. Molecular Therapy - Nucleic Acids, 2015, 4, e227.	2.3	28
23	Modulation of Gene Expression by Polymer Nanocapsule Delivery of DNA Cassettes Encoding Small RNAs. PLoS ONE, 2015, 10, e0127986.	1.1	30
24	Deep Sequencing Reveals Low Incidence of Endogenous LINE-1 Retrotransposition in Human Induced Pluripotent Stem Cells. PLoS ONE, 2014, 9, e108682.	1.1	11
25	Gene delivery in malignant B cells using the combination of lentiviruses conjugated to antiâ€transferrin receptor antibodies and an immunoglobulin promoter. Journal of Gene Medicine, 2014, 16, 11-27.	1.4	9
26	Dynamics of HSPC Repopulation in Nonhuman Primates Revealed by a Decade-Long Clonal-Tracking Study. Cell Stem Cell, 2014, 14, 473-485.	5.2	87
27	Role of Phosphatidylserine Receptors in Enveloped Virus Infection. Journal of Virology, 2014, 88, 4275-4290.	1.5	145
28	Clonal Tracking of Rhesus Macaque Hematopoiesis Highlights a Distinct Lineage Origin for Natural Killer Cells. Cell Stem Cell, 2014, 14, 486-499.	5.2	149
29	High-Throughput Screening of Effective siRNAs Using Luciferase-Linked Chimeric mRNA. PLoS ONE, 2014, 9, e96445.	1.1	4
30	Retargeting Vesicular Stomatitis Virus Glycoprotein Pseudotyped Lentiviral Vectors with Enhanced Stability byIn SituSynthesized Polymer Shell. Human Gene Therapy Methods, 2013, 24, 11-18.	2.1	10
31	Single siRNA Nanocapsules for Enhanced RNAi Delivery. Journal of the American Chemical Society, 2012, 134, 13542-13545.	6.6	60
32	Engineering HIV-1-Resistant T-Cells from Short-Hairpin RNA-Expressing Hematopoietic Stem/Progenitor Cells in Humanized BLT Mice. PLoS ONE, 2012, 7, e53492.	1.1	64
33	Receptors and tropisms of envelope viruses. Current Opinion in Virology, 2011, 1, 13-18.	2.6	24
34	The Soluble Serum Protein Gas6 Bridges Virion Envelope Phosphatidylserine to the TAM Receptor Tyrosine Kinase Axl to Mediate Viral Entry. Cell Host and Microbe, 2011, 9, 286-298.	5.1	165
35	A highly efficient short hairpin RNA potently down-regulates CCR5 expression in systemic lymphoid organs in the hu-BLT mouse model. Blood, 2010, 115, 1534-1544.	0.6	132
36	Introduction. Immunologic Research, 2010, 48, 1-2.	1.3	1

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37	Inhibition of HIVâ€1 infection by a unique short hairpin RNA to chemokine receptor 5 delivered into macrophages through hematopoietic progenitor cell transduction. Journal of Gene Medicine, 2010, 12, 255-265.	1.4	47
38	High-Throughput, Sensitive Quantification of Repopulating Hematopoietic Stem Cell Clones. Journal of Virology, 2010, 84, 11771-11780.	1.5	17
39	Generation of Human Induced Pluripotent Stem Cells Bearing an Anti-HIV Transgene by a Lentiviral Vector Carrying an Internal Murine Leukemia Virus Promoter. Human Gene Therapy, 2010, 21, 1555-1567.	1.4	26
40	Redirecting Lentiviral Vectors Pseudotyped with Sindbis Virus-Derived Envelope Proteins to DC-SIGN by Modification of N-Linked Glycans of Envelope Proteins. Journal of Virology, 2010, 84, 6923-6934.	1.5	46
41	Live Cell Monitoring of hiPSC Generation and Differentiation Using Differential Expression of Endogenous microRNAs. PLoS ONE, 2010, 5, e11834.	1.1	32
42	Targeted Transduction via CD4 by a Lentiviral Vector Uses a Clathrin-Mediated Entry Pathway. Journal of Virology, 2009, 83, 13026-13031.	1.5	18
43	Reassessing the Role of APOBEC3G in Human Immunodeficiency Virus Type 1 Infection of Quiescent CD4+ T-Cells. PLoS Pathogens, 2009, 5, e1000342.	2.1	43
44	Targeted transduction of CD34+ hematopoietic progenitor cells in nonpurified human mobilized peripheral blood mononuclear cells. Journal of Gene Medicine, 2009, 11, 185-196.	1.4	17
45	Redirecting lentiviral vectors by insertion of integrinâ€targeting peptides into envelope proteins. Journal of Gene Medicine, 2009, 11, 549-558.	1.4	25
46	A versatile targeting system with lentiviral vectors bearing the biotinâ€adaptor peptide. Journal of Gene Medicine, 2009, 11, 655-663.	1.4	45
47	Enhanced transthyretin tetramer stability following expression of an amyloid disease transsuppressor variant in mammalian cells. Journal of Gene Medicine, 2009, 11, 103-111.	1.4	3
48	Efficient targeted transduction of primary human endothelial cells with dualâ€targeted lentiviral vectors. Journal of Gene Medicine, 2008, 10, 242-248.	1.4	42
49	Human Immunodeficiency Virus Type 1 Vpr Binds to the N Lobe of the Wee1 Kinase Domain and Enhances Kinase Activity for Cdc2. Journal of Virology, 2008, 82, 5672-5682.	1.5	22
50	Stable reduction of CCR5 by RNAi through hematopoietic stem cell transplant in non-human primates. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 13110-13115.	3.3	146
51	A Novel Dual-targeted Lentiviral Vector Leads to Specific Transduction of Prostate Cancer Bone Metastases In Vivo After Systemic Administration. Molecular Therapy, 2007, 15, 1973-1981.	3.7	54
52	Transient low pH treatment enhances infection of lentiviral vector pseudotypes with a targeting Sindbis envelope. Virology, 2006, 355, 71-81.	1.1	18
53	Optimization and Functional Effects of Stable Short Hairpin RNA Expression in Primary Human Lymphocytes via Lentiviral Vectors. Molecular Therapy, 2006, 14, 494-504.	3.7	145
54	Noninvasive molecular imaging to detect transgene expression of lentiviral vector in nonhuman primates. Journal of Nuclear Medicine, 2006, 47, 1212-9.	2.8	11

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55	Lentiviral vector retargeting to P-glycoprotein on metastatic melanoma through intravenous injection. Nature Medicine, 2005, 11, 346-352.	15.2	202
56	Lentiviral Vector-Transduced Dendritic Cells Induce Specific T Cell Response in a Nonhuman Primate Model. Human Gene Therapy, 2005, 16, 527-532.	1.4	16
57	Targeted Gene Delivery by Intravenous Injection of Retroviral Vectors. Cell Cycle, 2005, 4, 854-856.	1.3	24
58	Increased Levels of Wee-1 Kinase in G 2 Are Necessary for Vpr- and Gamma Irradiation-Induced G 2 Arrest. Journal of Virology, 2004, 78, 8183-8190.	1.5	44
59	Inhibiting HIV-1 infection in human T cells by lentiviral-mediated delivery of small interfering RNA against CCR5. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 183-188.	3.3	660
60	Antibody-Directed Targeting of Retroviral Vectors via Cell Surface Antigens. Journal of Virology, 2001, 75, 8016-8020.	1.5	118
61	Lentivirus Vector-Mediated Hematopoietic Stem Cell Gene Transfer of Common Gamma-Chain Cytokine Receptor in Rhesus Macaques. Journal of Virology, 2001, 75, 3547-3555.	1.5	73
62	Envelope Gene of the Human Endogenous Retrovirus HERV-W Encodes a Functional Retrovirus Envelope. Journal of Virology, 2001, 75, 3488-3489.	1.5	72
63	Marking and Gene Expression by a Lentivirus Vector in Transplanted Human and Nonhuman Primate CD34+Cells. Journal of Virology, 2000, 74, 1286-1295.	1.5	109
64	Enhanced levels of functional HIV-1 co-receptors on human mucosal T cells demonstrated using intestinal biopsy tissue. Aids, 2000, 14, 1761-1765.	1.0	153
65	A Murine Leukemia Virus (MuLV) Long Terminal Repeat Derived from Rhesus Macaques in the Context of a Lentivirus Vector and MuLVgag Sequence Results in High-Level Gene Expression in Human T Lymphocytes. Journal of Virology, 2000, 74, 3668-3681.	1.5	57
66	BIOMEDICINE:Lentiviral Vectors--the Promise of Gene Therapy Within Reach?. Science, 1999, 285, 674-676.	6.0	162
67	HIV clearance in an infant?. Nature, 1995, 375, 637-638.	13.7	4
68	HIVâ€1, macrophages, glial cells, and cytokines in AIDS nervous system disease. FASEB Journal, 1991, 5, 2391-2397.	0.2	366
69	HIV-1 tropism for mononuclear phagocytes can be determined by regions of gp120 outside the CD4-binding domain. Nature, 1990, 348, 69-73.	13.7	703
70	Regulation of human T cell leukemia virus expression 1. FASEB Journal, 1990, 4, 169-175.	0.2	92
71	Identification of the gene responsible for human T-cell leukaemia virus transcriptional regulation. Nature, 1985, 318, 571-574.	13.7	236
72	Long terminal repeats of human T-cell leukaemia virus II genome determine target cell specificity. Nature, 1984, 309, 276-279.	13.7	96

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73	Molecular characterization of genome of a novel human T-cell leukaemia virus. Nature, 1983, 305, 502-505.	13.7	219