

Hiroaki Mizukami

List of Publications by Year in descending order

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172
papers

6,640
citations

57758

44
h-index

76900

74
g-index

180
all docs

180
docs citations

180
times ranked

7978
citing authors

#	ARTICLE	IF	CITATIONS
1	A Phase I Study of Aromatic L-Amino Acid Decarboxylase Gene Therapy for Parkinson's Disease. <i>Molecular Therapy</i> , 2010, 18, 1731-1735.	8.2	290
2	Neuroprotective Effects of Glial Cell Line-Derived Neurotrophic Factor Mediated by an Adeno-Associated Virus Vector in a Transgenic Animal Model of Amyotrophic Lateral Sclerosis. <i>Journal of Neuroscience</i> , 2002, 22, 6920-6928.	3.6	244
3	Comparative analyses of adeno-associated viral vector serotypes 1, 2, 5, 8 and 9 in marmoset, mouse and macaque cerebral cortex. <i>Neuroscience Research</i> , 2015, 93, 144-157.	1.9	237
4	Presynaptic Localization of Neprilysin Contributes to Efficient Clearance of Amyloid- β Peptide in Mouse Brain. <i>Journal of Neuroscience</i> , 2004, 24, 991-998.	3.6	222
5	Fear-enhancing effects of septal oxytocin receptors. <i>Nature Neuroscience</i> , 2013, 16, 1185-1187.	14.8	193
6	Triple Transduction with Adeno-Associated Virus Vectors Expressing Tyrosine Hydroxylase, Aromatic-L-Amino-Acid Decarboxylase, and GTP Cyclohydrolase I for Gene Therapy of Parkinson's Disease. <i>Human Gene Therapy</i> , 2000, 11, 1509-1519.	2.7	191
7	Behavioral Recovery in a Primate Model of Parkinson's Disease by Triple Transduction of Striatal Cells with Adeno-Associated Viral Vectors Expressing Dopamine-Synthesizing Enzymes. <i>Human Gene Therapy</i> , 2002, 13, 345-354.	2.7	182
8	Delayed delivery of AAV-GDNF prevents nigral neurodegeneration and promotes functional recovery in a rat model of Parkinson's disease. <i>Gene Therapy</i> , 2002, 9, 381-389.	4.5	164
9	Nucleotide Sequencing and Generation of an Infectious Clone of Adeno-Associated Virus 3. <i>Virology</i> , 1996, 221, 208-217.	2.4	160
10	Cell and gene therapy using mesenchymal stem cells (MSCs). <i>Journal of Autoimmunity</i> , 2008, 30, 121-127.	6.5	135
11	Characterization of a Recombinant Adeno-Associated Virus Type 2 Reference Standard Material. <i>Human Gene Therapy</i> , 2010, 21, 1273-1285.	2.7	125
12	Long-Term Two-Photon Calcium Imaging of Neuronal Populations with Subcellular Resolution in Adult Non-human Primates. <i>Cell Reports</i> , 2015, 13, 1989-1999.	6.4	124
13	Retroviral vector-producing mesenchymal stem cells for targeted suicide cancer gene therapy. <i>Journal of Gene Medicine</i> , 2009, 11, 373-381.	2.8	116
14	Gene therapy improves motor and mental function of aromatic l-amino acid decarboxylase deficiency. <i>Brain</i> , 2019, 142, 322-333.	7.6	116
15	Glial Dysfunction in the Mouse Habenula Causes Depressive-Like Behaviors and Sleep Disturbance. <i>Journal of Neuroscience</i> , 2014, 34, 16273-16285.	3.6	115
16	CRISPR/Cas9-mediated genome editing via postnatal administration of AAV vector cures haemophilia B mice. <i>Scientific Reports</i> , 2017, 7, 4159.	3.3	113
17	Specific and efficient transduction of cochlear inner hair cells with recombinant adeno-associated virus type 3 vector. <i>Molecular Therapy</i> , 2005, 12, 725-733.	8.2	105
18	Adeno-associated virus (AAV)-3-based vectors transduce haematopoietic cells not susceptible to transduction with AAV-2-based vectors. <i>Journal of General Virology</i> , 2000, 81, 2077-2084.	2.9	105

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19	Adeno-Associated Virus Type 2 Binds to a 150-Kilodalton Cell Membrane Glycoprotein. <i>Virology</i> , 1996, 217, 124-130.	2.4	103
20	A Novel Recombinant Adeno-Associated Virus Vaccine Induces a Long-Term Humoral Immune Response to Human Immunodeficiency Virus. <i>Human Gene Therapy</i> , 2001, 12, 1047-1061.	2.7	102
21	Interleukin-10 Expression Mediated by an Adeno-Associated Virus Vector Prevents Monocrotaline-Induced Pulmonary Arterial Hypertension in Rats. <i>Circulation Research</i> , 2007, 101, 734-741.	4.5	101
22	Scalable Generation of High-Titer Recombinant Adeno-Associated Virus Type 5 in Insect Cells. <i>Journal of Virology</i> , 2006, 80, 1874-1885.	3.4	96
23	Cerebrospinal fluid neprilysin is reduced in prodromal Alzheimer's disease. <i>Annals of Neurology</i> , 2005, 57, 832-842.	5.3	86
24	Manufacturing and Characterization of a Recombinant Adeno-Associated Virus Type 8 Reference Standard Material. <i>Human Gene Therapy</i> , 2014, 25, 977-987.	2.7	80
25	Induction of Robust Immune Responses against Human Immunodeficiency Virus Is Supported by the Inherent Tropism of Adeno-Associated Virus Type 5 for Dendritic Cells. <i>Journal of Virology</i> , 2006, 80, 11899-11910.	3.4	78
26	Removal of Empty Capsids from Type 1 Adeno-Associated Virus Vector Stocks by Anion-Exchange Chromatography Potentiates Transgene Expression. <i>Molecular Therapy</i> , 2006, 13, 823-828.	8.2	78
27	Repair of articular cartilage defect by autologous transplantation of basic fibroblast growth factor gene-transduced chondrocytes with adeno-associated virus vector. <i>Arthritis and Rheumatism</i> , 2005, 52, 164-170.	6.7	76
28	Oxytocin Receptor in the Hypothalamus Is Sufficient to Rescue Normal Thermoregulatory Function in Male Oxytocin Receptor Knockout Mice. <i>Endocrinology</i> , 2013, 154, 4305-4315.	2.8	76
29	NF- κ B Activity Regulates Mesenchymal Stem Cell Accumulation at Tumor Sites. <i>Cancer Research</i> , 2013, 73, 364-372.	0.9	73
30	Minimizing the Inhibitory Effect of Neutralizing Antibody for Efficient Gene Expression in the Liver With Adeno-associated Virus 8 Vectors. <i>Molecular Therapy</i> , 2013, 21, 318-323.	8.2	70
31	Intramuscular injection of AAV-GDNF results in sustained expression of transgenic GDNF, and its delivery to spinal motoneurons by retrograde transport. <i>Neuroscience Research</i> , 2003, 45, 33-40.	1.9	66
32	Indoleamine-2,3-dioxygenase, an immunosuppressive enzyme that inhibits natural killer cell function, as a useful target for ovarian cancer therapy. <i>International Journal of Oncology</i> , 2012, 40, 929-934.	3.3	66
33	Two-photon imaging of neuronal activity in motor cortex of marmosets during upper-limb movement tasks. <i>Nature Communications</i> , 2018, 9, 1879.	12.8	66
34	Interleukin-10-mediated inhibition of angiogenesis and tumor growth in mice bearing VEGF-producing ovarian cancer. <i>Cancer Research</i> , 2003, 63, 5091-4.	0.9	66
35	AAV-mediated VEGF gene transfer into skeletal muscle stimulates angiogenesis and improves blood flow in a rat hindlimb ischemia model. <i>Cardiovascular Research</i> , 2002, 53, 993-1001.	3.8	64
36	Nanosilica-induced placental inflammation and pregnancy complications: Different roles of the inflammasome components NLRP3 and ASC. <i>Nanotoxicology</i> , 2015, 9, 554-567.	3.0	63

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37	Corticospinal Tract Development and Spinal Cord Innervation Differ between Cervical and Lumbar Targets. <i>Journal of Neuroscience</i> , 2015, 35, 1181-1191.	3.6	62
38	Soluble FLT-1 expression suppresses carcinomatous ascites in nude mice bearing ovarian cancer. <i>Cancer Research</i> , 2002, 62, 2019-23.	0.9	60
39	Calcium Transient Dynamics of Neural Ensembles in the Primary Motor Cortex of Naturally Behaving Monkeys. <i>Cell Reports</i> , 2018, 24, 2191-2195.e4.	6.4	57
40	NLRP3 Deficiency Reduces Macrophage Interleukin-10 Production and Enhances the Susceptibility to Doxorubicin-induced Cardiotoxicity. <i>Scientific Reports</i> , 2016, 6, 26489.	3.3	56
41	CRISPR/Cas9-mediated cervical cancer treatment targeting human papillomavirus E6. <i>Oncology Letters</i> , 2019, 17, 2197-2206.	1.8	56
42	The prevalence of neutralizing antibodies against adeno-associated virus capsids is reduced in young Japanese individuals. <i>Journal of Medical Virology</i> , 2014, 86, 1990-1997.	5.0	54
43	Oral Administration of Recombinant Adeno-Associated Virus Elicits Human Immunodeficiency Virus-Specific Immune Responses. <i>Human Gene Therapy</i> , 2002, 13, 1571-1581.	2.7	52
44	Repair of Articular Cartilage Defect by Intraarticular Administration of Basic Fibroblast Growth Factor Gene, Using Adeno-Associated Virus Vector. <i>Human Gene Therapy</i> , 2005, 16, 1413-1421.	2.7	51
45	Successful Gene Transfer Using Adeno-Associated Virus Vectors into the Kidney: Comparison among Adeno-Associated Virus Serotype 1-5 Vectors in vitro and in vivo. <i>Nephron Experimental Nephrology</i> , 2004, 96, e119-e126.	2.2	48
46	A Histone Deacetylase Inhibitor Enhances Recombinant Adeno-associated Virus-Mediated Gene Expression in Tumor Cells. <i>Molecular Therapy</i> , 2006, 13, 738-746.	8.2	46
47	The cardiac pacemaker-specific channel Hcn4 is a direct transcriptional target of MEF2. <i>Cardiovascular Research</i> , 2009, 83, 682-687.	3.8	41
48	Complete restoration of phenylalanine oxidation in phenylketonuria mouse by a self-complementary adeno-associated virus vector. <i>Journal of Gene Medicine</i> , 2011, 13, 114-122.	2.8	41
49	Large-Scale Production of Recombinant Viruses by Use of a Large Culture Vessel with Active Gassing. <i>Human Gene Therapy</i> , 2005, 16, 1212-1218.	2.7	40
50	Arm movements induced by noninvasive optogenetic stimulation of the motor cortex in the common marmoset. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22844-22850.	7.1	40
51	Protection Against Aminoglycoside-induced Ototoxicity by Regulated AAV Vector-mediated GDNF Gene Transfer Into the Cochlea. <i>Molecular Therapy</i> , 2008, 16, 474-480.	8.2	39
52	Adeno-associated virus vector-mediated systemic interleukin-10 expression ameliorates hypertensive organ damage in Dahl salt-sensitive rats. <i>Journal of Gene Medicine</i> , 2008, 10, 368-374.	2.8	37
53	Downregulation of indoleamine-2,3-dioxygenase in cervical cancer cells suppresses tumor growth by promoting natural killer cell accumulation. <i>Oncology Reports</i> , 2012, 28, 1574-1578.	2.6	37
54	Liver-restricted expression of the canine factor VIII gene facilitates prevention of inhibitor formation in factor VIII-deficient mice. <i>Journal of Gene Medicine</i> , 2009, 11, 1020-1029.	2.8	36

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55	Overexpression of PTEN in ovarian cancer cells suppresses i.p. dissemination and extends survival in mice. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 704-711.	4.1	35
56	β -Rays enhance rAAV-mediated transgene expression and cytotoxic effect of AAV-HSVtk/ganciclovir on cancer cells. <i>Cancer Gene Therapy</i> , 2001, 8, 99-106.	4.6	31
57	Adeno-associated virus vectors for gene transfer to the brain. <i>Methods</i> , 2002, 28, 237-247.	3.8	31
58	Efficient Establishment of Pig Embryonic Fibroblast Cell Lines with Conditional Expression of the Simian Vacuolating Virus 40 Large T Fragment. <i>Bioscience, Biotechnology and Biochemistry</i> , 2012, 76, 1372-1377.	1.3	31
59	[22] Adeno-associated viral vector-mediated gene therapy of ischemia-induced neuronal death. <i>Methods in Enzymology</i> , 2002, 346, 378-393.	1.0	29
60	Persistent phenotypic correction of central diabetes insipidus using adeno-associated virus vector expressing Arginine α -Vasopressin in brattleboro rats. <i>Molecular Therapy</i> , 2003, 8, 895-902.	8.2	29
61	Generation of <i>Oxtr</i> cDNA ^{HA} Cre Mice for Gene Expression in an Oxytocin Receptor Specific Manner. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 1099-1111.	2.6	28
62	Adipose Tissue as a Novel Target for In Vivo Gene Transfer by Adeno-Associated Viral Vectors. <i>Human Gene Therapy</i> , 2006, 17, 921-928.	2.7	27
63	Selective Optical Control of Synaptic Transmission in the Subcortical Visual Pathway by Activation of Viral Vector-Expressed Halorhodopsin. <i>PLoS ONE</i> , 2011, 6, e18452.	2.5	27
64	Overexpression of PTEN increases sensitivity to SN-38, an active metabolite of the topoisomerase I inhibitor irinotecan, in ovarian cancer cells. <i>Clinical Cancer Research</i> , 2002, 8, 1248-52.	7.0	27
65	Suppression of ovarian cancer by muscle-mediated expression of soluble VEGFR-1/Flt-1 using adeno-associated virus serotype 1-derived vector. <i>International Journal of Cancer</i> , 2007, 120, 278-284.	5.1	26
66	Simultaneous visualization of extrinsic and intrinsic axon collaterals in Golgi-like detail for mouse corticothalamic and corticocortical cells: a double viral infection method. <i>Frontiers in Neural Circuits</i> , 2014, 8, 110.	2.8	26
67	The adenovirus E1A and E1B19K genes provide a helper function for transfection-based adeno-associated virus vector production. <i>Journal of General Virology</i> , 2004, 85, 2209-2214.	2.9	25
68	Targeted Integration of Foreign DNA Into a Defined Locus on Chromosome 19 in K562 Cells Using AAV-Derived Components. <i>International Journal of Hematology</i> , 2001, 73, 469-475.	1.6	24
69	Corticospinal axons make direct synaptic connections with spinal motoneurons innervating forearm muscles early during postnatal development in the rat. <i>Journal of Physiology</i> , 2016, 594, 189-205.	2.9	24
70	Axonal Projections From the Middle Temporal Area in the Common Marmoset. <i>Frontiers in Neuroanatomy</i> , 2018, 12, 89.	1.7	24
71	Direct reprogramming with Sendai virus vectors repaired infarct hearts at the chronic stage. <i>Biochemical and Biophysical Research Communications</i> , 2021, 560, 87-92.	2.1	24
72	In Vivo Two-Photon Imaging of Dendritic Spines in Marmoset Neocortex. <i>ENeuro</i> , 2015, 2, ENEURO.0019-15.2015.	1.9	24

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73	Sustained transgene expression by human cord blood derived CD34+ cells transduced with simian immunodeficiency virus agmTYO1-based vectors carrying the human coagulation factor VIII gene in NOD/SCID mice. <i>Journal of Gene Medicine</i> , 2004, 6, 1049-1060.	2.8	23
74	Tendon Healing In Vitro: Adeno-Associated Virus-2 Effectively Transduces Intrasynovial Tenocytes with Persistent Expression of the Transgene, but Other Serotypes Do Not. <i>Plastic and Reconstructive Surgery</i> , 2007, 119, 227-234.	1.4	23
75	Cetuximab inhibits the growth of mucinous ovarian carcinoma tumor cells lacking KRAS gene mutations. <i>Oncology Reports</i> , 2012, 27, 1336-40.	2.6	23
76	Comprehensive Metabolomic Analysis of IDH1R132H Clinical Glioma Samples Reveals Suppression of \hat{I}^2 -oxidation Due to Carnitine Deficiency. <i>Scientific Reports</i> , 2019, 9, 9787.	3.3	23
77	Targeting oxytocin receptor (Oxtr)-expressing neurons in the lateral septum to restore social novelty in autism spectrum disorder mouse models. <i>Scientific Reports</i> , 2020, 10, 22173.	3.3	23
78	Development and Characterization of an Antisense-Mediated Prepackaging Cell Line for Adeno-Associated Virus Vector Production. <i>Biochemical and Biophysical Research Communications</i> , 2001, 288, 62-68.	2.1	22
79	Phenotype correction of hemophilia A mice with adeno-associated virus vectors carrying the B domain-deleted canine factor VIII gene. <i>Thrombosis Research</i> , 2006, 118, 627-635.	1.7	22
80	Distinct roles for primate caudate dopamine D1 and D2 receptors in visual discrimination learning revealed using shRNA knockdown. <i>Scientific Reports</i> , 2016, 6, 35809.	3.3	22
81	AAV6-Mediated IL-10 Expression in the Lung Ameliorates Bleomycin-Induced Pulmonary Fibrosis in Mice. <i>Human Gene Therapy</i> , 2018, 29, 1242-1251.	2.7	22
82	Prophylaxis and Treatment of Alzheimer's Disease by Delivery of an Adeno-Associated Virus Encoding a Monoclonal Antibody Targeting the Amyloid Beta Protein. <i>PLoS ONE</i> , 2013, 8, e57606.	2.5	22
83	Overexpression of thymidylate synthase mediates desensitization for 5-fluorouracil of tumor cells. <i>International Journal of Cancer</i> , 2003, 106, 324-326.	5.1	21
84	Distinct patterns of gene transfer to gerbil hippocampus with recombinant adeno-associated virus type 2 and 5. <i>Neuroscience Letters</i> , 2003, 340, 153-157.	2.1	21
85	Utility of intraperitoneal administration as a route of AAV serotype 5 vector-mediated neonatal gene transfer. <i>Journal of Gene Medicine</i> , 2006, 8, 990-997.	2.8	20
86	Adenoassociated Virus-Mediated Prostacyclin Synthase Expression Prevents Pulmonary Arterial Hypertension in Rats. <i>Hypertension</i> , 2007, 50, 531-536.	2.7	20
87	Prevention of diabetic retinopathy by intraocular soluble flt-1 gene transfer in a spontaneously diabetic rat model. <i>International Journal of Molecular Medicine</i> , 0, , .	4.0	20
88	Role of the Oxytocin Receptor Expressed in the Rostral Medullary Raphe in Thermoregulation During Cold Conditions. <i>Frontiers in Endocrinology</i> , 2015, 6, 180.	3.5	20
89	Elevated neutrophil function in chronic neutrophilic leukemia. <i>American Journal of Hematology</i> , 1992, 41, 50-56.	4.1	19
90	A DNA vaccine containing inverted terminal repeats from adeno-associated virus increases immunity to HIV. <i>Journal of Gene Medicine</i> , 2003, 5, 438-445.	2.8	19

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91	CD19 target-engineered T-cells accumulate at tumor lesions in human B-cell lymphoma xenograft mouse models. <i>Biochemical and Biophysical Research Communications</i> , 2013, 438, 84-89.	2.1	19
92	Adeno-associated Virus Vector-mediated Interleukin-10 Induction Prevents Vascular Inflammation in a Murine Model of Kawasaki Disease. <i>Scientific Reports</i> , 2018, 8, 7601.	3.3	19
93	A convenient enzyme-linked immunosorbent assay for rapid screening of anti-adeno-associated virus neutralizing antibodies. <i>Annals of Clinical Biochemistry</i> , 2009, 46, 508-510.	1.6	18
94	The angiogenesis regulator vasohibin-1 inhibits ovarian cancer growth and peritoneal dissemination and prolongs host survival. <i>International Journal of Oncology</i> , 2015, 47, 2057-2063.	3.3	18
95	Vasopressinergic control of stress-related behavior: studies in Brattleboro rats. <i>Stress</i> , 2016, 19, 349-361.	1.8	18
96	3D reconstruction of brain section images for creating axonal projection maps in marmosets. <i>Journal of Neuroscience Methods</i> , 2017, 286, 102-113.	2.5	18
97	Presynaptic dysregulation of the paraventricular thalamic nucleus causes depression-like behavior. <i>Scientific Reports</i> , 2019, 9, 16506.	3.3	18
98	Adeno-Associated Virus as an Effective Malaria Booster Vaccine Following Adenovirus Priming. <i>Frontiers in Immunology</i> , 2019, 10, 730.	4.8	18
99	The hepatocyte growth factor antagonist NK4 inhibits indoleamine-2,3-dioxygenase expression via the c-Met-phosphatidylinositol 3-kinase-AKT signaling pathway. <i>International Journal of Oncology</i> , 2016, 48, 2303-2309.	3.3	17
100	Enhanced Expression of Thymidylate Synthase Mediates Resistance of Uterine Cervical Cancer Cells to Radiation. <i>Oncology</i> , 2002, 63, 185-191.	1.9	16
101	PATâ€™ Probabilistic Axon Tracking for Densely Labeled Neurons in Large 3-D Micrographs. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 69-78.	8.9	16
102	A Viral-Vectored Multi-Stage Malaria Vaccine Regimen With Protective and Transmission-Blocking Efficacies. <i>Frontiers in Immunology</i> , 2019, 10, 2412.	4.8	16
103	Adeno-associated virus vector-mediated production of hepatocyte growth factor attenuates liver fibrosis in mice. <i>Hepatology International</i> , 2008, 2, 80-88.	4.2	15
104	In vivo expansion of transduced murine hematopoietic cells with a selective amplifier gene. <i>Journal of Gene Medicine</i> , 2003, 5, 175-181.	2.8	14
105	A soluble CAR-SCF fusion protein improves adenoviral vector-mediated gene transfer to c-Kit-positive hematopoietic cells. <i>Journal of Gene Medicine</i> , 2003, 5, 929-940.	2.8	14
106	A sensitive and reproducible cell-based assay via secNanoLuc to detect neutralizing antibody against adeno-associated virus vector capsid. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 22, 162-171.	4.1	13
107	Development of a mouse model for lymph node metastasis with endometrial cancer. <i>Cancer Science</i> , 2011, 102, 2272-2277.	3.9	12
108	DNA Methylation and Methyl-Binding Proteins Control Differential Gene Expression in Distinct Cortical Areas of Macaque Monkey. <i>Journal of Neuroscience</i> , 2013, 33, 19704-19714.	3.6	12

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109	Novel anti-tumor mechanism of galanin receptor type 2 in head and neck squamous cell carcinoma cells. <i>Cancer Science</i> , 2014, 105, 72-80.	3.9	12
110	Vasohibin-1 expression inhibits advancement of ovarian cancer producing various angiogenic factors. <i>Cancer Science</i> , 2016, 107, 629-637.	3.9	12
111	Increased fibroblast growth factor-21 in chronic kidney disease is a trade-off between survival benefit and blood pressure dysregulation. <i>Scientific Reports</i> , 2019, 9, 19247.	3.3	12
112	An R132H Mutation in Isocitrate Dehydrogenase 1 Enhances p21 Expression and Inhibits Phosphorylation of Retinoblastoma Protein in Glioma Cells. <i>Neurologia Medico-Chirurgica</i> , 2013, 53, 645-654.	2.2	11
113	Eradication of cervical cancer in vivo by an AAV vector that encodes shRNA targeting human papillomavirus type 16. <i>International Journal of Oncology</i> , 2018, 52, 687-696.	3.3	11
114	Higher primate-like direct corticomotoneuronal connections are transiently formed in a juvenile subprimate mammal. <i>Scientific Reports</i> , 2018, 8, 16536.	3.3	11
115	Highly regulated expression of adeno-associated virus large Rep proteins in stable 293 cell lines using the Cre/loxP switching system. <i>Journal of General Virology</i> , 1999, 80, 2477-2480.	2.9	11
116	Survivin overexpression via adeno-associated virus vector Rh10 ameliorates ischemic damage after middle cerebral artery occlusion in rats. <i>European Journal of Neuroscience</i> , 2018, 48, 3466-3476.	2.6	10
117	Functional Analysis of an Inducible Promoter Driven by Activation Signals from a Chimeric Antigen Receptor. <i>Molecular Therapy - Oncolytics</i> , 2019, 12, 16-25.	4.4	10
118	Overexpression of Gata4, Mef2c, and Tbx5 Generates Induced Cardiomyocytes Via Direct Reprogramming and Rare Fusion in the Heart. <i>Circulation</i> , 2021, 143, 2123-2125.	1.6	10
119	Gene marking in adeno-associated virus vector infected periosteum derived cells for cartilage repair. <i>Journal of Rheumatology</i> , 2002, 29, 2176-80.	2.0	10
120	Overexpression of a hybrid gene consisting of the amino-terminal fragment of urokinase and carboxyl-terminal domain of bikunin suppresses invasion and migration of human ovarian cancer cells in vitro. <i>International Journal of Cancer</i> , 2005, 113, 54-58.	5.1	9
121	Recovery of neurogenic amines in phenylketonuria mice after liver-targeted gene therapy. <i>NeuroReport</i> , 2012, 23, 30-34.	1.2	9
122	Suppression of lymph node and lung metastases of endometrial cancer by muscle-mediated expression of soluble vascular endothelial growth factor receptor-3. <i>Cancer Science</i> , 2013, 104, 1107-1111.	3.9	9
123	Knockout of vasohibin-2 reduces tubulin carboxypeptidase activity and increases paclitaxel sensitivity in ovarian cancer. <i>Cancer Medicine</i> , 2021, 10, 2732-2739.	2.8	8
124	Liver-Directed AAV8 Booster Vaccine Expressing Plasmodium falciparum Antigen Following Adenovirus Vaccine Priming Elicits Sterile Protection in a Murine Model. <i>Frontiers in Immunology</i> , 2021, 12, 612910.	4.8	8
125	Suppression of cell migration in ovarian cancer cells mediated by PTEN overexpression. <i>International Journal of Oncology</i> , 2003, 23, 1109-13.	3.3	8
126	Selective Expansion of Transduced Cells for Hematopoietic Stem Cell Gene Therapy. <i>International Journal of Hematology</i> , 2002, 76, 299-304.	1.6	7

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127	Suppression of cell migration in ovarian cancer cells mediated by PTEN overexpression. <i>International Journal of Oncology</i> , 2003, 23, 1109.	3.3	7
128	Separate Control of Rep and Cap Expression Using Mutant and Wild-Type LoxP Sequences and Improved Packaging System for Adeno-Associated Virus Vector Production. <i>Molecular Biotechnology</i> , 2004, 27, 07-14.	2.4	7
129	Annexin A5 Involvement in Bone Overgrowth at the Enthesis. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 1532-1543.	2.8	7
130	Differential innervation within a transverse plane of spinal gray matter by sensorimotor cortices, with special reference to the somatosensory cortices. <i>Journal of Comparative Neurology</i> , 2019, 527, 1401-1415.	1.6	7
131	Roles of fibroblast growth factor 21 in the control of depression-like behaviours after social defeat stress in male rodents. <i>Journal of Neuroendocrinology</i> , 2021, 33, e13026.	2.6	7
132	Generation of Adeno-Associated Virus Vector Enabling Functional Expression of Oxytocin Receptor and Fluorescence Marker Genes Using the Human eIF4G Internal Ribosome Entry Site Element. <i>Bioscience, Biotechnology and Biochemistry</i> , 2009, 73, 2145-2148.	1.3	6
133	Safety of intra-articular transplantation of lentivirally transduced mesenchymal stromal cells for haemophilic arthropathy in a non-human primate. <i>International Journal of Hematology</i> , 2018, 108, 239-245.	1.6	6
134	Utility of microminipigs for evaluating liver-mediated gene expression in the presence of neutralizing antibody against vector capsid. <i>Gene Therapy</i> , 2020, 27, 427-434.	4.5	6
135	Topoisomerase inhibitors enhance the cytotoxic effect of AAV-HSVtk/ganciclovir on head and neck cancer cells. <i>International Journal of Oncology</i> , 2004, 25, 729.	3.3	4
136	Mutant Macaque Factor IX T262A: A Tool for Hemophilia B Gene Therapy Studies in Macaques. <i>Thrombosis Research</i> , 2010, 125, 533-537.	1.7	4
137	Reduction of CTLL-2 cytotoxicity by induction of apoptosis with a Fas-estrogen receptor chimera. <i>Cancer Science</i> , 2003, 94, 639-643.	3.9	3
138	Gene Therapy with Virus Vectors for specific Disease of the Nervous System. <i>International Review of Neurobiology</i> , 2003, 55, 205-222.	2.0	3
139	1111. Removal of Empty Particles from Type 1 Adeno-Associated Virus Vector Stocks by Ion Exchange Chromatography Potentiates Transgene Expression. <i>Molecular Therapy</i> , 2006, 13, S427.	8.2	3
140	The decline in synaptic GluN2B and rise in inhibitory neurotransmission determine the end of a critical period. <i>Scientific Reports</i> , 2016, 6, 34196.	3.3	3
141	Reversible Integration of the Dominant Negative Retinoid Receptor Gene for ex Vivo Expansion of Hematopoietic Stem/Progenitor Cells. <i>Biochemical and Biophysical Research Communications</i> , 2001, 285, 891-896.	2.1	2
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