

Chen Ling

List of Publications by Year in descending order

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59
papers

2,026
citations

236833

25
h-index

254106

43
g-index

60
all docs

60
docs citations

60
times ranked

2311
citing authors

#	ARTICLE	IF	CITATIONS
1	Three advantages of using traditional Chinese medicine to prevent and treat tumor. <i>Journal of Integrative Medicine</i> , 2014, 12, 331-335.	1.4	153
2	High-efficiency Transduction and Correction of Murine Hemophilia B Using AAV2 Vectors Devoid of Multiple Surface-exposed Tyrosines. <i>Molecular Therapy</i> , 2010, 18, 2048-2056.	3.7	123
3	Lignin Nanotubes As Vehicles for Gene Delivery into Human Cells. <i>Biomacromolecules</i> , 2014, 15, 327-338.	2.6	101
4	mTORC1 is necessary but mTORC2 and GSK3 β are inhibitory for AKT3-induced axon regeneration in the central nervous system. <i>ELife</i> , 2016, 5, e14908.	2.8	98
5	Cellulose-based injectable hydrogel composite for pH-responsive and controllable drug delivery. <i>Carbohydrate Polymers</i> , 2019, 225, 115207.	5.1	86
6	Optimization of the Capsid of Recombinant Adeno-Associated Virus 2 (AAV2) Vectors: The Final Threshold?. <i>PLoS ONE</i> , 2013, 8, e59142.	1.1	85
7	Human Hepatocyte Growth Factor Receptor Is a Cellular Coreceptor for Adeno-Associated Virus Serotype 3. <i>Human Gene Therapy</i> , 2010, 21, 1741-1747.	1.4	82
8	Cytotoxic genes from traditional Chinese medicine inhibit tumor growth both in vitro and in vivo. <i>Journal of Integrative Medicine</i> , 2014, 12, 483-494.	1.4	75
9	Efficient and Targeted Transduction of Nonhuman Primate Liver With Systemically Delivered Optimized AAV3B Vectors. <i>Molecular Therapy</i> , 2015, 23, 1867-1876.	3.7	73
10	Optimizing the transduction efficiency of capsid-modified AAV6 serotype vectors in primary human hematopoietic stem cells in vitro and in a xenograft mouse model in vivo. <i>Cytotherapy</i> , 2013, 15, 986-998.	0.3	70
11	High-Efficiency Transduction of Fibroblasts and Mesenchymal Stem Cells by Tyrosine-Mutant AAV2 Vectors for Their Potential Use in Cellular Therapy. <i>Human Gene Therapy</i> , 2010, 21, 1527-1543.	1.4	65
12	Development of optimized AAV3 serotype vectors: mechanism of high-efficiency transduction of human liver cancer cells. <i>Gene Therapy</i> , 2012, 19, 375-384.	2.3	55
13	Pristimerin enhances recombinant adeno-associated virus vector-mediated transgene expression in human cell lines in vitro and murine hepatocytes in vivo. <i>Journal of Integrative Medicine</i> , 2014, 12, 20-34.	1.4	50
14	The roles of traditional Chinese medicine in gene therapy. <i>Journal of Integrative Medicine</i> , 2014, 12, 67-75.	1.4	50
15	Loss of SIRT5 promotes bile acid-induced immunosuppressive microenvironment and hepatocarcinogenesis. <i>Journal of Hepatology</i> , 2022, 77, 453-466.	1.8	50
16	The hepatocyte-specific HNF4 β /miR-122 pathway contributes to iron overload-mediated hepatic inflammation. <i>Blood</i> , 2017, 130, 1041-1051.	0.6	44
17	High-Efficiency Transduction of Primary Human Hematopoietic Stem Cells and Erythroid Lineage-Restricted Expression by Optimized AAV6 Serotype Vectors In Vitro and in a Murine Xenograft Model In Vivo. <i>PLoS ONE</i> , 2013, 8, e58757.	1.1	43
18	Selective In Vivo Targeting of Human Liver Tumors by Optimized AAV3 Vectors in a Murine Xenograft Model. <i>Human Gene Therapy</i> , 2014, 25, 1023-1034.	1.4	43

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19	Rationally designed capsid and transgene cassette of AAV6 vectors for dendritic cell-based cancer immunotherapy. <i>Immunology and Cell Biology</i> , 2014, 92, 116-123.	1.0	42
20	High-efficiency transduction of human monocyte-derived dendritic cells by capsid-modified recombinant AAV2 vectors. <i>Vaccine</i> , 2012, 30, 3908-3917.	1.7	41
21	Enhanced Transgene Expression from Recombinant Single-Stranded D-Sequence-Substituted Adeno-Associated Virus Vectors in Human Cell Lines <i>In Vitro</i> and in Murine Hepatocytes <i>In Vivo</i> . <i>Journal of Virology</i> , 2015, 89, 952-961.	1.5	40
22	WWC proteins mediate LATS1/2 activation by Hippo kinases and imply a tumor suppression strategy. <i>Molecular Cell</i> , 2022, 82, 1850-1864.e7.	4.5	35
23	Limitations of Encapsulation of Recombinant Self-Complementary Adeno-Associated Viral Genomes in Different Serotype Capsids and Their Quantitation. <i>Human Gene Therapy Methods</i> , 2012, 23, 225-233.	2.1	31
24	Neuritin reverses deficits in murine novel object associative recognition memory caused by exposure to extremely low-frequency (50â€‰Hz) electromagnetic fields. <i>Scientific Reports</i> , 2015, 5, 11768.	1.6	31
25	High-Efficiency Transduction of Primary Human Hematopoietic Stem/Progenitor Cells by AAV6 Vectors: Strategies for Overcoming Donor-Variation and Implications in Genome Editing. <i>Scientific Reports</i> , 2016, 6, 35495.	1.6	29
26	Site-Directed Mutagenesis of Surface-Exposed Lysine Residues Leads to Improved Transduction by AAV2, But Not AAV8, Vectors in Murine Hepatocytes <i>In Vivo</i> . <i>Human Gene Therapy Methods</i> , 2015, 26, 211-220.	2.1	27
27	Development of novel AAV serotype 6 based vectors with selective tropism for human cancer cells. <i>Gene Therapy</i> , 2016, 23, 18-25.	2.3	25
28	Prevalence of neutralizing antibodies against liver-tropic adeno-associated virus serotype vectors in 100 healthy Chinese and its potential relation to body constitutions. <i>Journal of Integrative Medicine</i> , 2015, 13, 341-346.	1.4	24
29	Strategies to generate high-titer, high-potency recombinant AAV3 serotype vectors. <i>Molecular Therapy - Methods and Clinical Development</i> , 2016, 3, 16029.	1.8	24
30	High-Efficiency Transduction of Liver Cancer Cells by Recombinant Adeno-Associated Virus Serotype 3 Vectors. <i>Journal of Visualized Experiments</i> , 2011, , .	0.2	22
31	Gene manipulation in liver ductal organoids by optimized recombinant adeno-associated virus vectors. <i>Journal of Biological Chemistry</i> , 2019, 294, 14096-14104.	1.6	22
32	TLR9-Activating CpG-B ODN but Not TLR7 Agonists Triggers Antibody Formation to Factor IX in Muscle Gene Transfer. <i>Human Gene Therapy Methods</i> , 2019, 30, 81-92.	2.1	22
33	Site-Directed Mutagenesis Improves the Transduction Efficiency of Capsid Library-Derived Recombinant AAV Vectors. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 17, 545-555.	1.8	21
34	The Adeno-Associated Virus Genome Packaging Puzzle. <i>Journal of Molecular and Genetic Medicine: an International Journal of Biomedical Research</i> , 2015, 09, .	0.1	19
35	Development of a Clinical Candidate AAV3 Vector for Gene Therapy of Hemophilia B. <i>Human Gene Therapy</i> , 2020, 31, 1114-1123.	1.4	19
36	Mild iron overload induces TRIP12-mediated degradation of YY1 to trigger hepatic inflammation. <i>Free Radical Biology and Medicine</i> , 2020, 161, 187-197.	1.3	18

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37	Development of Optimized AAV Serotype Vectors for High-Efficiency Transduction at Further Reduced Doses. <i>Human Gene Therapy Methods</i> , 2016, 27, 143-149.	2.1	17
38	Enhanced Transduction of Human Hematopoietic Stem Cells by AAV6 Vectors: Implications in Gene Therapy and Genome Editing. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 20, 451-458.	2.3	17
39	Neuritin Enhances Synaptic Transmission in Medial Prefrontal Cortex in Mice by Increasing CaV3.3 Surface Expression. <i>Cerebral Cortex</i> , 2017, 27, 3842-3855.	1.6	16
40	Sphingosine-1-phosphate transporter spinster homolog 2 is essential for iron-regulated metastasis of hepatocellular carcinoma. <i>Molecular Therapy</i> , 2022, 30, 703-713.	3.7	16
41	Rational Design of Gene Therapy Vectors. <i>Molecular Therapy - Methods and Clinical Development</i> , 2019, 12, 246-247.	1.8	14
42	AAV3-miRNA vectors for growth suppression of human hepatocellular carcinoma cells in vitro and human liver tumors in a murine xenograft model in vivo. <i>Gene Therapy</i> , 2021, 28, 422-434.	2.3	14
43	Low endotoxin E.Âcoli strain-derived plasmids reduce rAAV vector-mediated immune responses both inÂvitro and inÂvivo. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 22, 293-303.	1.8	11
44	A Simple Method to Increase the Transduction Efficiency of Single-Stranded Adeno-Associated Virus VectorsIn VitroandIn Vivo. <i>Human Gene Therapy</i> , 2011, 22, 633-640.	1.4	10
45	Reprogramming Immune Response With Capsid-Optimized AAV6 Vectors for Immunotherapy of Cancer. <i>Journal of Immunotherapy</i> , 2015, 38, 292-298.	1.2	9
46	Circular RNA expression profiling and bioinformatic analysis of cumulus cells in endometriosis infertility patients. <i>Epigenomics</i> , 2020, 12, 2093-2108.	1.0	9
47	Antifungal Proteins with Antiproliferative Activity on Cancer Cells and HIV-1 Enzyme Inhibitory Activity from Medicinal Plants and Medicinal Fungi. <i>Current Protein and Peptide Science</i> , 2019, 20, 265-276.	0.7	9
48	Impact of neutralizing antibodies against AAV is a key consideration in gene transfer to nonhuman primates. <i>Nature Medicine</i> , 2018, 24, 699-699.	15.2	8
49	Hepatocyte nuclear factor 4Î± negatively regulates connective tissue growth factor during liver regeneration. <i>FASEB Journal</i> , 2020, 34, 4970-4983.	0.2	8
50	Sarco/Endoplasmic Reticulum Ca ²⁺ -Transporting ATPase (SERCA) Modulates Autophagic, Inflammatory, and Mitochondrial Responses during Influenza A Virus Infection in Human Lung Cells. <i>Journal of Virology</i> , 2021, 95, .	1.5	7
51	Development of a rabies virus-based retrograde tracer with high trans-monosynaptic efficiency by reshuffling glycoprotein. <i>Molecular Brain</i> , 2021, 14, 109.	1.3	5
52	Productive life cycle of adeno-associated virus serotype 2 in the complete absence of a conventional polyadenylation signal. <i>Journal of General Virology</i> , 2015, 96, 2780-2787.	1.3	5
53	The use of miR122 and its target sequence in adeno-associated virus-mediated trichosanthin gene therapy. <i>Journal of Integrative Medicine</i> , 2021, 19, 515-525.	1.4	3
54	Chinese Medicine Protein and Peptide in Gene and Cell Therapy. <i>Current Protein and Peptide Science</i> , 2019, 20, 251-264.	0.7	3

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55	Clinical Use of Toxic Proteins and Peptides from Tian Hua Fen and Scorpion Venom. <i>Current Protein and Peptide Science</i> , 2019, 20, 285-295.	0.7	3
56	Molecular cloning, overexpression, and an efficient one-step purification of $\alpha 5 \beta 1$ integrin. <i>Protein Expression and Purification</i> , 2013, 92, 21-28.	0.6	2
57	Adeno-Associated Virus and Vector. , 2016, , 53-102.		0
58	High-Efficiency Transduction of Primary Human Hematopoietic Stem/Progenitor Cells By AAV6 Vectors: strategies for Overcoming Donor-Variation and Implications in Genome Editing. <i>Blood</i> , 2016, 128, 5889-5889.	0.6	0
59	Horner Syndrome Following Intercostal Nerve Block Via an Anterolateral Approach in Breast Lumpectomy: A Prospective Nested Case-control Study.. <i>Pain Physician</i> , 2022, 25, E55-E65.	0.3	0