David T Curiel

List of Publications by Year
in descending order

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217	11,180	26630 56	34986 98
papers	citations	h-index	g-index

223	223	223	7411
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Adenovirus Vector with Genetically Modified Fibers Demonstrates Expanded Tropism via Utilization of a Coxsackievirus and Adenovirus Receptor-Independent Cell Entry Mechanism. Journal of Virology, 1998, 72, 9706-9713.	3.4	713
2	A Single-Dose Intranasal ChAd Vaccine Protects Upper and Lower Respiratory Tracts against SARS-CoV-2. Cell, 2020, 183, 169-184.e13.	28.9	446
3	Targeted gene delivery by tropism-modified adenoviral vectors. Nature Biotechnology, 1996, 14, 1574-1578.	17.5	428
4	Replicative adenoviruses for cancer therapy. Nature Biotechnology, 2000, 18, 723-727.	17.5	403
5	COX2/mPGES1/PGE ₂ pathway regulates PD-L1 expression in tumor-associated macrophages and myeloid-derived suppressor cells. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1117-1122.	7.1	378
6	Blood clearance rates of adenovirus type 5 in mice. Journal of General Virology, 2000, 81, 2605-2609.	2.9	352
7	Characterization of an Adenovirus Vector Containing a Heterologous Peptide Epitope in the HI Loop of the Fiber Knob. Journal of Virology, 1998, 72, 1844-1852.	3.4	296
8	Combined transductional and transcriptional targeting improves the specificity of transgene expression in vivo. Nature Biotechnology, 2001, 19, 838-842.	17.5	219
9	A Targetable, Injectable Adenoviral Vector for Selective Gene Delivery to Pulmonary Endothelium in Vivo. Molecular Therapy, 2000, 2, 562-578.	8.2	203
10	Genetic Targeting of an Adenovirus Vector via Replacement of the Fiber Protein with the Phage T4 Fibritin. Journal of Virology, 2001, 75, 4176-4183.	3.4	192
11	Targeting adenovirus to the serotype 3 receptor increases gene transfer efficiency to ovarian cancer cells. Clinical Cancer Research, 2002, 8, 275-80.	7.0	191
12	Ectodomain of Coxsackievirus and Adenovirus Receptor Genetically Fused to Epidermal Growth Factor Mediates Adenovirus Targeting to Epidermal Growth Factor Receptor-Positive Cells. Journal of Virology, 2000, 74, 6875-6884.	3.4	187
13	Adenoviral vector vaccine platforms in the SARS-CoV-2 pandemic. Npj Vaccines, 2021, 6, 97.	6.0	175
14	Gene Transfer to Ovarian Cancer Versus Normal Tissues with Fiber-Modified Adenoviruses. Molecular Therapy, 2002, 5, 695-704.	8.2	170
15	Enhanced therapeutic efficacy for ovarian cancer with a serotype 3 receptor-targeted oncolytic adenovirus. Molecular Therapy, 2003, 8, 449-458.	8.2	159
16	Engineering of Adenovirus Vectors Containing Heterologous Peptide Sequences in the C Terminus of Capsid Protein IX. Journal of Virology, 2002, 76, 6893-6899.	3.4	153
17	Stable in vivo gene transduction via a novel adenoviral/retroviral chimeric vector. Nature Biotechnology, 1997, 15, 866-870.	17.5	146
18	Targeting of adenoviral vectors through a bispecific single-chain antibody. Cancer Gene Therapy, 2000, 7, 901-904.	4.6	145

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19	Strategies to Adapt Adenoviral Vectors for Targeted Delivery. Annals of the New York Academy of Sciences, 1999, 886, 158-171.	3.8	142
20	Modulation of Adenovirus Vector Tropism via Incorporation of Polypeptide Ligands into the Fiber Protein. Journal of Virology, 2002, 76, 8621-8631.	3.4	137
21	A system for the propagation of adenoviral vectors with genetically modified receptor specificities. Nature Biotechnology, 1999, 17, 470-475.	17.5	132
22	Adenovirus serotype 3 utilizes CD80 (B7.1) and CD86 (B7.2) as cellular attachment receptors. Virology, 2004, 322, 349-359.	2.4	132
23	Double Modification of Adenovirus Fiber with RGD and Polylysine Motifs Improves Coxsackievirusâ€“Adenovirus Receptor-Independent Gene Transfer Efficiency. Human Gene Therapy, 2002, 13, 1647-1653.	2.7	127
24	Re-expression of p16INK4a in mesothelioma cells results in cell cycle arrest, cell death, tumor suppression and tumor regression. Oncogene, 1998, 16, 3087-3095.	5.9	125
25	An Adenovirus with Enhanced Infectivity Mediates Molecular Chemotherapy of Ovarian Cancer Cells and Allows Imaging of Gene Expression. Molecular Therapy, 2001, 4, 223-231.	8.2	119
26	Treatment of ovarian cancer with a tropism modified oncolytic adenovirus. Cancer Research, 2002, 62, 1266-70.	0.9	115
27	Oncolytic adenoviruses â€“ selective retargeting to tumor cells. Oncogene, 2005, 24, 7775-7791.	5.9	111
28	Genetically Targeted Adenovirus Vector Directed to CD40-Expressing Cells. Journal of Virology, 2003, 77, 11367-11377.	3.4	103
29	An Advanced Generation of Adenoviral Vectors Selectively Enhances Gene Transfer for Ovarian Cancer Gene Therapy Approaches. Gynecologic Oncology, 1999, 74, 227-234.	1.4	102
30	A single intranasal dose of chimpanzee adenovirus-vectored vaccine protects against SARS-CoV-2 infection in rhesus macaques. Cell Reports Medicine, 2021, 2, 100230.	6.5	99
31	A Phase I Study of a Tropism-Modified Conditionally Replicative Adenovirus for Recurrent Malignant Gynecologic Diseases. Clinical Cancer Research, 2010, 16, 5277-5287.	7.0	93
32	An intranasal vaccine durably protects against SARS-CoV-2 variants in mice. Cell Reports, 2021, 36, 109452.	6.4	90
33	Induction of specific T-cell tolerance by adenovirus-transfected, Fas ligand-producing antigen-presenting cells. Nature Biotechnology, 1998, 16, 1045-1049.	17.5	85
34	Identification of Sites in Adenovirus Hexon for Foreign Peptide Incorporation. Journal of Virology, 2005, 79, 3382-3390.	3.4	85
35	The NIH Somatic Cell Genome Editing program. Nature, 2021, 592, 195-204.	27.8	84
36	Eradication of Therapy-Resistant Human Prostate Tumors Using a Cancer Terminator Virus. Cancer Research, 2007, 67, 5434-5442.	0.9	78

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37	Melanoma differentiation associated gene-7/interleukin-24 (mda-7/IL-24): Novel gene therapeutic for metastatic melanoma. Toxicology and Applied Pharmacology, 2007, 224, 300-307.	2.8	78
38	Adeno-Associated Virus Type 2-Mediated Transduction of Human Monocyte-Derived Dendritic Cells: Implications for Ex Vivo Immunotherapy. Journal of Virology, 2001, 75, 9493-9501.	3.4	76
39	Enhanced Gene Transfer to Mouse Dendritic Cells Using Adenoviral Vectors Coated with a Novel Adapter Molecule. Molecular Therapy, 2004, 9, 712-720.	8.2	76
40	In Vivo Molecular Chemotherapy and Noninvasive Imaging With an Infectivity-Enhanced Adenovirus. Journal of the National Cancer Institute, 2002, 94, 741-749.	6.3	75
41	Retargeting of adenoviral infection to melanoma: Combining genetic ablation of native tropism with a recombinant bispecific single-chain diabody (scDb) adapter that binds to fiber knob and HMWMAA. International Journal of Cancer, 2004, 108, 136-145.	5.1	75
42	Transductional Targeting of Adenoviral Cancer Gene Therapy. Current Gene Therapy, 2004, 4, 337-346.	2.0	75
43	Adenovirus targeting to c-erbB-2 oncoprotein by single-chain antibody fused to trimeric form of adenovirus receptor ectodomain. Cancer Research, 2002, 62, 609-16.	0.9	75
44	The presence of the adenovirus E3 region improves the oncolytic potency of conditionally replicative adenoviruses. Clinical Cancer Research, 2002, 8, 3348-59.	7.0	75
45	Modulation of coxsackie-adenovirus receptor expression for increased adenoviral transgene expression. Cancer Research, 2003, 63, 847-53.	0.9	73
46	Selective gene delivery toward gastric and esophageal adenocarcinoma cells via EpCAM-targeted adenoviral vectors. Cancer Gene Therapy, 2001, 8, 342-351.	4.6	71
47	Using a Tropism-Modified Adenoviral Vector to Circumvent Inhibitory Factors in Ascites Fluid. Human Gene Therapy, 2000, 11, 1657-1669.	2.7	68
48	A phase I clinical trial of Ad5/3-Î”24, a novel serotype-chimeric, infectivity-enhanced, conditionally-replicative adenovirus (CRAd), in patients with recurrent ovarian cancer. Gynecologic Oncology, 2013, 130, 518-524.	1.4	68
49	An adenovirus vector with a chimeric fiber derived from canine adenovirus type 2 displays novel tropism. Virology, 2004, 324, 103-116.	2.4	67
50	Genetic Targeting Strategies for Adenovirus. Molecular Pharmaceutics, 2005, 2, 341-347.	4.6	67
51	Eradication of Therapy-resistant Human Prostate Tumors Using an Ultrasound-guided Site-specific Cancer Terminator Virus Delivery Approach. Molecular Therapy, 2010, 18, 295-306.	8.2	67
52	Prolonged Maturation and Enhanced Transduction of Dendritic Cells Migrated from Human Skin Explants After In Situ Delivery of CD40-Targeted Adenoviral Vectors. Journal of Immunology, 2002, 169, 5322-5331.	0.8	66
53	Three-Dimensional Structure of Canine Adenovirus Serotype 2 Capsid. Journal of Virology, 2008, 82, 3192-3203.	3.4	64
54	Adenovirus Strategies for Tissue-Specific Targeting. Advances in Cancer Research, 2012, 115, 39-67.	5.0	62

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55	Triple-Targeted Oncolytic Adenoviruses Featuring the Cox2 Promoter, E1A Transcomplementation, and Serotype Chimerism for Enhanced Selectivity for Ovarian Cancer Cells. Molecular Therapy, 2006, 14, 164-174.	8.2	61
56	Adenoviral/retroviral vector chimeras: a novel strategy to achieve highâ€efficiency stable transduction in vivo. FASEB Journal, 1997, 11, 624-634.	0.5	59
57	Dynamic Monitoring of Oncolytic Adenovirus In Vivo by Genetic Capsid Labeling. Journal of the National Cancer Institute, 2006, 98, 203-214.	6.3	59
58	Long-term correction of hemophilia B using adenoviral delivery of CRISPR/Cas9. Journal of Controlled Release, 2019, 298, 128-141.	9.9	59
59	A mosaic adenovirus possessing serotype Ad5 and serotype Ad3 knobs exhibits expanded tropism. Virology, 2003, 309, 282-293.	2.4	57
60	The N-Terminal Domain of SIRT1 Is a Positive Regulator of Endogenous SIRT1-Dependent Deacetylation and Transcriptional Outputs. Cell Reports, 2015, 10, 1665-1673.	6.4	56
61	CD40-targeted adenoviral gene transfer to dendritic cells through the use of a novel bispecific single-chain Fv antibody enhances cytotoxic T cell activation. Vaccine, 2003, 21, 2268-2272.	3.8	55
62	Intravenous delivery of adenovirus-mediated soluble FLT-1 results in liver toxicity. Clinical Cancer Research, 2003, 9, 2701-10.	7.0	54
63	A Phase I Clinical Trial of Ad5.SSTR/TK.RGD, a Novel Infectivity-Enhanced Bicistronic Adenovirus, in Patients with Recurrent Gynecologic Cancer. Clinical Cancer Research, 2012, 18, 3440-3451.	7.0	51
64	Substitution of Adenovirus Serotype 3 Hexon onto a Serotype 5 Oncolytic Adenovirus Reduces Factor X Binding, Decreases Liver Tropism, and Improves Antitumor Efficacy. Molecular Cancer Therapeutics, 2010, 9, 2536-2544.	4.1	48
65	Midkine and cyclooxygenase-2 promoters are promising for adenoviral vector gene delivery of pancreatic carcinoma. Cancer Gene Therapy, 2001, 8, 990-996.	4.6	47
66	High-Efficiency Gene Transfer Mediated by Adenovirus-Polylysine-DNA Complexes. Annals of the New York Academy of Sciences, 1994, 716, 36-58.	3.8	44
67	A genetically engineered adenovirus vector targeted to CD40 mediates transduction of canine dendritic cells and promotes antigen-specific immune responses in vivo. Vaccine, 2009, 27, 7116-7124.	3.8	44
68	Targeted in vivo knock-in of human alpha-1-antitrypsin cDNA using adenoviral delivery of CRISPR/Cas9. Gene Therapy, 2018, 25, 139-156.	4.5	44
69	Ionizing radiation enhances adenoviral vector expressingmda-7/IL-24-mediated apoptosis in human ovarian cancer. Journal of Cellular Physiology, 2006, 208, 298-306.	4.1	43
70	Enhanced delivery of mdaâ€‹7/ILâ€24 using a serotype chimeric adenovirus (Ad.5/3) in combination with the apogossypol derivative BIâ€97C1 (Sabutoclax) improves therapeutic efficacy in low CAR colorectal cancer cells. Journal of Cellular Physiology, 2012, 227, 2145-2153.	4.1	43
71	Complex mosaicism is a novel approach to infectivity enhancement of adenovirus type 5-based vectors. Cancer Gene Therapy, 2005, 12, 475-486.	4.6	42
72	Optimization of Capsid-Incorporated Antigens For A Novel Adenovirus Vaccine Approach. Virology Journal, 2008, 5, 98.	3.4	42

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73	Serum and Ascites Neutralizing Antibodies in Ovarian Cancer Patients Treated with Intraperitoneal Adenoviral Gene Therapy. Human Gene Therapy, 2002, 13, 1505-1514.	2.7	38
74	High efficiency transduction of dendritic cells by adenoviral vectors targeted to DC-SIGN. Cancer Biology and Therapy, 2005, 4, 289-294.	3.4	37
75	Localization of the N-Terminus of Minor Coat Protein IIIa in the Adenovirus Capsid. Journal of Molecular Biology, 2008, 383, 923-934.	4.2	37
76	A Tetraspecific VHH-Based Neutralizing Antibody Modifies Disease Outcome in Three Animal Models of Clostridium difficile Infection. Vaccine Journal, 2016, 23, 774-784.	3.1	37
77	Genetic Replacement of the Adenovirus Shaft Fiber Reduces Liver Tropism in Ovarian Cancer Gene Therapy. Human Gene Therapy, 2004, 15, 509-518.	2.7	36
78	Gene transfer to cervical cancer with fiber-modified adenoviruses. International Journal of Cancer, 2004, 111, 698-704.	5.1	36
79	Enhanced Delivery of Oncolytic Adenovirus by Neural Stem Cells for Treatment of Metastatic Ovarian Cancer. Molecular Therapy - Oncolytics, 2019, 12, 79-92.	4.4	36
80	Inter-patient variation in efficacy of five oncolytic adenovirus candidates for ovarian cancer therapy. Journal of Gene Medicine, 2004, 6, 1333-1342.	2.8	34
81	An adenovirus serotype 5 vector with fibers derived from ovine atadenovirus demonstrates CAR-independent tropism and unique biodistribution in mice. Virology, 2006, 350, 103-115.	2.4	34
82	Treatment of ovarian cancer with a novel dual targeted conditionally replicative adenovirus (CRAd). Gynecologic Oncology, 2007, 105, 113-121.	1.4	33
83	Identifying the safety profile of a novel infectivity-enhanced conditionally replicative adenovirus, Ad5-Î”24-RGD, in anticipation of a phase I trial for recurrent ovarian cancer. American Journal of Obstetrics and Gynecology, 2007, 196, 389.e1-389.e10.	1.3	33
84	Cisplatin Enhances Protein Kinase R-Like Endoplasmic Reticulum Kinase- and CD95-Dependent Melanoma Differentiation-Associated Gene-7/Interleukin-24â€“Induced Killing in Ovarian Carcinoma Cells. Molecular Pharmacology, 2010, 77, 298-310.	2.3	33
85	Ovarian cancer targeted adenoviral-mediated mda-7/IL-24 gene therapy. Gynecologic Oncology, 2006, 100, 521-532.	1.4	32
86	Thermostability/Infectivity Defect Caused by Deletion of the Core Protein V Gene in Human Adenovirus Type 5 Is Rescued by Thermo-selectable Mutations in the Core Protein X Precursor. Journal of Molecular Biology, 2007, 366, 1142-1160.	4.2	32
87	A fiber-modified, secretory leukoprotease inhibitor promoter-based conditionally replicating adenovirus for treatment of ovarian cancer. Clinical Cancer Research, 2005, 11, 1327-35.	7.0	32
88	Potent Antitumor Immunity Generated by a CD40-Targeted Adenoviral Vaccine. Cancer Research, 2011, 71, 5827-5837.	0.9	31
89	Genetically Modified Adenovirus Vector Containing an RGD Peptide in the HI Loop of the Fiber Knob Improves Gene Transfer to Nonhuman Primate Isolated Pancreatic Islets. American Journal of Transplantation, 2002, 2, 237-243.	4.7	30
90	Prolonged Prophylactic Protection from Botulism with a Single Adenovirus Treatment Promoting Serum Expression of a VHH-Based Antitoxin Protein. PLoS ONE, 2014, 9, e106422.	2.5	30

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91	Combined Transductional Untargeting/Retargeting and Transcriptional Restriction Enhances Adenovirus Gene Targeting and Therapy for Hepatic Colorectal Cancer Tumors. Cancer Research, 2009, 69, 554-564.	0.9	29
92	CD40 is expressed on ovarian cancer cells and can be utilized for targeting adenoviruses. Clinical Cancer Research, 2003, 9, 619-24.	7.0	29
93	Infectivity enhanced adenoviral-mediated mda-7/IL-24 gene therapy for ovarian carcinoma. Gynecologic Oncology, 2004, 94, 352-362.	1.4	28
94	A Fiber-Modified Mesothelin Promoterâ€“Based Conditionally Replicating Adenovirus for Treatment of Ovarian Cancer. Clinical Cancer Research, 2008, 14, 3582-3588.	7.0	28
95	Dendritic Cell Based PSMA Immunotherapy for Prostate Cancer Using a CD40-Targeted Adenovirus Vector. PLoS ONE, 2012, 7, e46981.	2.5	28
96	Fluorescently tagged canine adenovirus via modification with protein IXâ€“enhanced green fluorescent protein. Journal of General Virology, 2005, 86, 3201-3208.	2.9	27
97	Development of an adenovirus vector vaccine platform for targeting dendritic cells. Cancer Gene Therapy, 2018, 25, 27-38.	4.6	27
98	Coupling endoplasmic reticulum stress to cell death program in isolated human pancreatic islets: effects of gene transfer of Bcl-2. Transplant International, 2003, 16, 537-542.	1.6	26
99	Generation and selection of targeted adenoviruses embodying optimized vector properties. Virus Research, 2006, 116, 185-195.	2.2	26
100	Selective Transduction of Dendritic Cells in Human Lymph Nodes and Superior Induction of High-avidity Melanoma-reactive Cytotoxic T Cells by a CD40-targeted Adenovirus. Journal of Immunotherapy, 2010, 33, 706-715.	2.4	26
101	Adenoviral protein V promotes a process of viral assembly through nucleophosmin 1. Virology, 2012, 432, 283-295.	2.4	26
102	Adenoviral vectors for in vivo delivery of CRISPR-Cas gene editors. Journal of Controlled Release, 2020, 327, 788-800.	9.9	26
103	The era of gene therapy: From preclinical development to clinical application. Drug Discovery Today, 2021, 26, 1602-1619.	6.4	26
104	Core labeling of adenovirus with EGFP. Virology, 2006, 351, 291-302.	2.4	25
105	Advancements in adenoviral based virotherapy for ovarian cancer. Advanced Drug Delivery Reviews, 2009, 61, 836-841.	13.7	25
106	A Strategy for Adenovirus Vector Targeting with a Secreted Single Chain Antibody. PLoS ONE, 2009, 4, e8355.	2.5	25
107	A Mosaic Fiber Adenovirus Serotype 5 Vector Containing Reovirus Ïƒ1 and Adenovirus Serotype 3 Knob Fibers Increases Transduction in an Ovarian Cancer Ex vivo System via a Coxsackie and Adenovirus Receptorâ€“Independent Pathway. Clinical Cancer Research, 2007, 13, 2777-2783.	7.0	23
108	An Adenovirus Vector Incorporating Carbohydrate Binding Domains Utilizes Glycans for Gene Transfer. PLoS ONE, 2013, 8, e55533.	2.5	23

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109	Targeted Gene Therapy for Ovarian Cancer. Current Gene Therapy, 2005, 5, 643-653.	2.0	22
110	Reovirus Ïƒ1 fiber incorporated into adenovirus serotype 5 enhances infectivity via a CAR-independent pathway. Biochemical and Biophysical Research Communications, 2005, 335, 205-214.	2.1	22
111	Chimeric adenoviral vectors incorporating a fiber of human adenovirus 3 efficiently mediate gene transfer into prostate cancer cells. Prostate, 2010, 70, 362-376.	2.3	22
112	CD40â€targeted adenoviral cancer vaccines: the long and winding road to the clinic. Journal of Gene Medicine, 2012, 14, 416-427.	2.8	22
113	Adenovirus Vector Expressing Stx1/Stx2-Neutralizing Agent Protects Piglets Infected with Escherichia coli O157:H7 against Fatal Systemic Intoxication. Infection and Immunity, 2015, 83, 286-291.	2.2	22
114	Tumor localization of a radiolabeled bombesin analogue in mice bearing human ovarian tumors induced to express the gastrin-releasing peptide receptor by an adenoviral vector. Cancer, 1997, 80, 2419-2424.	4.1	21
115	A Single-Component CD40-Targeted Adenovirus Vector Displays Highly Efficient Transduction and Activation of Dendritic Cells in a Human Skin Substrate System. Molecular Pharmaceutics, 2005, 2, 218-223.	4.6	21
116	Enhanced prostate cancer gene transfer and therapy using a novel serotype chimera cancer terminator virus (Ad.5/3-CTV). Journal of Cellular Physiology, 2013, 229, n/a-n/a.	4.1	21
117	Fiber-mosaic adenovirus as a novel approach to design genetically modified adenoviral vectors. Virus Research, 2004, 105, 35-46.	2.2	20
118	In vivo analysis of a genetically modified adenoviral vector targeted to human CD40 using a novel transient transgenic model. Journal of Gene Medicine, 2005, 7, 1517-1525.	2.8	20
119	Identifying the Safety Profile of Ad5.SSTR/TK.RGD, a Novel Infectivity-Enhanced Bicistronic Adenovirus, in Anticipation of a Phase I Clinical Trial in Patients with Recurrent Ovarian Cancer. Clinical Cancer Research, 2009, 15, 4131-4137.	7.0	20
120	A Tumor-stroma Targeted Oncolytic Adenovirus Replicated in Human Ovary Cancer Samples and Inhibited Growth of Disseminated Solid Tumors in Mice. Molecular Therapy, 2012, 20, 2222-2233.	8.2	20
121	Retargeting of gene expression using endothelium specific hexon modified adenoviral vector. Virology, 2013, 447, 312-325.	2.4	20
122	Modulation of renal glomerular disease using remote delivery of adenoviral-encoded solubletype II TGF-Î² receptor fusion molecule. Journal of Gene Medicine, 2003, 5, 839-851.	2.8	19
123	Crystallographic Structure of Porcine Adenovirus Type 4 Fiber Head and Galectin Domains. Journal of Virology, 2010, 84, 10558-10568.	3.4	19
124	A New Generation of Serotype Chimeric Infectivity-Enhanced Conditionally Replicative Adenovirals: The Safety Profile of Ad5/3-Î”24 in Advance of a Phase I Clinical Trial in Ovarian Cancer Patients. Human Gene Therapy, 2011, 22, 821-828.	2.7	19
125	A Gorilla Adenovirus-Based Vaccine against Zika Virus Induces Durable Immunity and Confers Protection in Pregnancy. Cell Reports, 2019, 28, 2634-2646.e4.	6.4	19
126	A conditionally replicative adenovirus that codes for a TK-GFP fusion protein (Ad5Delta24TK-GFP) for evaluation of the potency of oncolytic virotherapy combined with molecular chemotherapy. International Journal of Molecular Medicine, 2006, 18, 751-9.	4.0	18

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127	Efficient Gene Transduction by RGB-fiber Modified Recombinant Adenovirus into Dendritic Cells. Japanese Journal of Cancer Research, 2001, 92, 321-327.	1.7	17
128	Transduction of Brain Dopamine Neurons by Adenoviral Vectors Is Modulated by CAR Expression: Rationale for Tropism Modified Vectors in PD Gene Therapy. PLoS ONE, 2010, 5, e12672.	2.5	17
129	The myeloid-binding peptide adenoviral vector enables multi-organ vascular endothelial gene targeting. Laboratory Investigation, 2014, 94, 881-892.	3.7	17
130	Retargeted oncolytic adenovirus displaying a single variable domain of camelid heavy-chain-only antibody in a fiber protein. Molecular Therapy - Oncolytics, 2015, 2, 15001.	4.4	17
131	In Vitro Dynamic Visualization Analysis of Fluorescently Labeled Minor Capsid Protein IX and Core Protein V by Simultaneous Detection. Journal of Molecular Biology, 2010, 395, 55-78.	4.2	16
132	Adenoviral targeting using genetically incorporated camelid single variable domains. Laboratory Investigation, 2014, 94, 893-905.	3.7	16
133	Adenoviruses with an RGD-4C modification of the fiber knob elicit a neutralizing antibody response but continue to allow enhanced gene delivery. Gynecologic Oncology, 2005, 96, 341-348.	1.4	15
134	Therapeutic Improvement of a Stroma-Targeted CRAd by Incorporating Motives Responsive to the Melanoma Microenvironment. Journal of Investigative Dermatology, 2013, 133, 2576-2584.	0.7	15
135	Adenoviral Expression of a Bispecific VHH-Based Neutralizing Agent That Targets Protective Antigen Provides Prophylactic Protection from Anthrax in Mice. Vaccine Journal, 2016, 23, 213-218.	3.1	15
136	Advances in Alpha-1 Antitrypsin Gene Therapy. American Journal of Respiratory Cell and Molecular Biology, 2020, 63, 560-570.	2.9	15
137	Gene Therapy for the Treatment of Cancer. Cancer Biotherapy and Radiopharmaceuticals, 2001, 16, 275-288.	1.0	14
138	Adenovirus-Mediated Gene Delivery to Dendritic Cells. , 2004, 246, 139-154.		14
139	Selective Transduction of Mature DC in Human Skin and Lymph Nodes by CD80/CD86-targeted Fiber-modified Adenovirus-5/3. Journal of Immunotherapy, 2009, 32, 895-906.	2.4	14
140	An adenoviral vector expressing human adenovirus 5 and 3 fiber proteins for targeting heterogeneous cell populations. Virology, 2010, 407, 196-205.	2.4	14
141	Treatment of chemotherapy resistant ovarian cancer with a MDR1 targeted oncolytic adenovirus. Gynecologic Oncology, 2011, 123, 138-146.	1.4	14
142	Derivation of a Myeloid Cell-Binding Adenovirus for Gene Therapy of Inflammation. PLoS ONE, 2012, 7, e37812.	2.5	14
143	Combinatorial strategies based on CRAd-IL24 and CRAd-ING4 virotherapy with anti-angiogenesis treatment for ovarian cancer. Journal of Ovarian Research, 2016, 9, 38.	3.0	14
144	Adenovirus platform enhances transduction efficiency of human mesenchymal stem cells: An opportunity for cellular carriers of targeted TRAIL-based TR3 biologics in ovarian cancer. PLoS ONE, 2017, 12, e0190125.	2.5	14

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145	Fiber-Modified Adenovirus for Central Nervous System Parkinsonâ€™s Disease Gene Therapy. Viruses, 2014, 6, 3293-3310.	3.3	13
146	Analysis of purified Wild type and mutant adenovirus particles by SILAC based quantitative proteomics. Journal of General Virology, 2014, 95, 2504-2511.	2.9	13
147	A Recombinant Chimeric Ad5/3 Vector Expressing a Multistage Plasmodium Antigen Induces Protective Immunity in Mice Using Heterologous Prime-Boost Immunization Regimens. Journal of Immunology, 2016, 197, 2748-2761.	0.8	13
148	Combining high selectivity of replicationviaCXCR4 promoter with fiber chimerism for effective adenoviral oncolysis in breast cancer. International Journal of Cancer, 2007, 120, 935-941.	5.1	12
149	CXCL12 retargeting of an adenovirus vector to cancer cells using a bispecific adapter. Oncolytic Virotherapy, 2016, Volume 5, 99-113.	6.0	12
150	Targeted Adenoviral Vector Demonstrates Enhanced Efficacy for In Vivo Gene Therapy of Uterine Leiomyoma. Reproductive Sciences, 2016, 23, 464-474.	2.5	12
151	Species D Human Adenovirus Type 9 Exhibits Better Virus-Spread Ability for Antitumor Efficacy among Alternative Serotypes. PLoS ONE, 2014, 9, e87342.	2.5	12
152	Development of an optimized conditionally replicative adenoviral agent for ovarian cancer. International Journal of Oncology, 1992, 32, 1179-1188.	3.3	12
153	A Genetically Modified Adenoviral Vector with a Phage Display-Derived Peptide Incorporated into Fiber Fibritin Chimera Prolongs Survival in Experimental Glioma. Human Gene Therapy, 2015, 26, 635-646.	2.7	11
154	Vaccine-Induced Skewing of T Cell Responses Protects Against Chikungunya Virus Disease. Frontiers in Immunology, 2019, 10, 2563.	4.8	11
155	A Plasmodium Promiscuous T Cell Epitope Delivered within the Ad5 Hexon Protein Enhances the Protective Efficacy of a Protein Based Malaria Vaccine. PLoS ONE, 2016, 11, e0154819.	2.5	11
156	A Novel CDC25B Promoterâ€“Based Oncolytic Adenovirus Inhibited Growth of Orthotopic Human Pancreatic Tumors in Different Preclinical Models. Clinical Cancer Research, 2015, 21, 1665-1674.	7.0	10
157	Survivin a radiogenetic promoter for glioblastoma viral gene therapy independently from CArG motifs. Clinical and Translational Medicine, 2017, 6, 11.	4.0	10
158	Gene delivery into malignant glioma by infectivity-enhanced adenovirus: In vivo versus in vitro models. Neuro-Oncology, 2007, 9, 280-290.	1.2	9
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