Robin J Parks

List of Publications by Year in Descending Order

62 papers	3,087 citations	25 h-index	55 g-index
65 ext. papers	3,392 ext. citations	7.5 avg, IF	5.17 L-index

#	Paper	IF	Citations
62	Use of cell fusion proteins to enhance adenoviral vector efficacy as an anti-cancer therapeutic. *Cancer Gene Therapy*, **2021**, 28, 745-756	5.4	3
61	Delivery of Therapeutic Agents to the Central Nervous System and the Promise of Extracellular Vesicles. *Pharmaceutics*, **2021**, 13,	6.4	6
60	Label-free quantitative proteomic analysis of extracellular vesicles released from fibroblasts derived from patients with spinal muscular atrophy. *Proteomics*, **2021**, 21, e2000301	4.8	
59	Identification of human adenovirus replication inhibitors from a library of small molecules targeting cellular epigenetic regulators. *Virology*, **2021**, 555, 102-110	3.6	4
58	The genome position of a therapeutic transgene strongly influences the level of expression in an armed oncolytic human adenovirus vector. *Virology*, **2021**, 561, 87-97	3.6	
57	PKC□mediated phosphorylation of the diacylglycerol kinase □MARCKS domain switches cell migration modes by regulating interactions with Rac1 and RhoA. *Journal of Biological Chemistry*, **2021**, 296, 100516	5.4	1
56	Fusion of Large Polypeptides to Human Adenovirus Type 5 Capsid Protein IX Can Compromise Virion Stability and DNA Packaging Capacity. *Journal of Virology*, **2020**, 94,	6.6	2
55	Antiviral Effects of Curcumin on Adenovirus Replication. *Microorganisms*, **2020**, 8,	4.9	5
54	Oncolytic Rhabdovirus Vaccine Boosts Chimeric Anti-DEC205 Priming for Effective Cancer Immunotherapy. *Molecular Therapy - Oncolytics*, **2020**, 19, 240-252	6.4	
53	Curcumin as an Antiviral Agent. *Viruses*, **2020**, 12,	6.2	46
52	Recent Advances in Novel Antiviral Therapies against Human Adenovirus. *Microorganisms*, **2020**, 8,	4.9	4
51	An Oncolytic Adenovirus Vector Expressing p14 FAST Protein Induces Widespread Syncytium Formation and Reduces Tumor Growth Rate. *Molecular Therapy - Oncolytics*, **2019**, 14, 107-120	6.4	10
50	Histone Deacetylase Inhibitor Suberoylanilide Hydroxamic Acid Suppresses Human Adenovirus Gene Expression and Replication. *Journal of Virology*, **2019**, 93,	6.6	15
49	p53 sensitizes chemoresistant non-small cell lung cancer via elevation of reactive oxygen species and suppression of EGFR/PI3K/AKT signaling. *Cancer Cell International*, **2019**, 19, 188	6.4	24
48	Development of a novel screening platform for the identification of small molecule inhibitors of human adenovirus. *Virology*, **2019**, 538, 24-34	3.6	8
47	p53 Promotes chemoresponsiveness by regulating hexokinase II gene transcription and metabolic reprogramming in epithelial ovarian cancer. *Molecular Carcinogenesis*, **2019**, 58, 2161-2174	5	18
46	Human adenoviral DNA association with nucleosomes containing histone variant H3.3 during the early phase of infection is not dependent on viral transcription or replication. *Biochemistry and Cell Biology*, **2018**, 96, 797-807	3.6	7

45	Building immune tolerance through DNA vaccination. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 9652-9654	11.5	3
44	Survival Motor Neuron Protein is Released from Cells in Exosomes: A Potential Biomarker for Spinal Muscular Atrophy. *Scientific Reports*, **2017**, 7, 13859	4.9	10
43	The apolipoprotein C-III (Gln38Lys) variant associated with human hypertriglyceridemia is a gain-of-function mutation. *Journal of Lipid Research*, **2017**, 58, 2188-2196	6.3	25
42	mTORC1 activates SREBP-2 by suppressing cholesterol trafficking to lysosomes in mammalian cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 7999-8004	11.5	47
41	Human adenovirus type 5 vectors deleted of early region 1 (E1) undergo limited expression of early replicative E2 proteins and DNA replication in non-permissive cells. *PLoS ONE*, **2017**, 12, e0181012	3.7	14
40	Adenoviral Vectors Armed with Cell Fusion-Inducing Proteins as Anti-Cancer Agents. *Viruses*, **2017**, 9,	6.2	8
39	Adenovirus-Mediated Expression of the p14 Fusion-Associated Small Transmembrane Protein Promotes Cancer Cell Fusion and Apoptosis In Vitro but Does Not Provide Therapeutic Efficacy in a Xenograft Mouse Model of Cancer. *PLoS ONE*, **2016**, 11, e0151516	3.7	7
38	Long-Term Blockade of Cocaine Self-Administration and Locomotor Activation in Rats by an Adenoviral Vector-Delivered Cocaine Hydrolase. *Journal of Pharmacology and Experimental Therapeutics*, **2016**, 357, 375-81	4.7	6
37	Temporal activation of XRCC1-mediated DNA repair is essential for muscle differentiation. *Cell Discovery*, **2016**, 2, 15041	22.3	22
36	Voluntary Running Triggers VGF-Mediated Oligodendrogenesis to Prolong the Lifespan of Snf2h-Null Ataxic Mice. *Cell Reports*, **2016**, 17, 862-875	10.6	24
35	Opening the window: The case for carrier and perinatal screening for spinal muscular atrophy. *Neuromuscular Disorders*, **2016**, 26, 551-9	2.9	7
34	Plasma butyrylcholinesterase regulates ghrelin to control aggression. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 2251-6	11.5	77
33	Long-term reduction of cocaine self-administration in rats treated with adenoviral vector-delivered cocaine hydrolase: evidence for enzymatic activity. *Neuropsychopharmacology*, **2014**, 39, 1538-46	8.7	20
32	Physiologic and metabolic safety of butyrylcholinesterase gene therapy in mice. *Vaccine*, **2014**, 32, 4155-62	4.1	20
31	The adenovirus genome contributes to the structural stability of the virion. *Viruses*, **2014**, 6, 3563-83	6.2	37
30	A reduction in the human adenovirus virion size through use of a shortened fibre protein does not enhance muscle transduction following systemic or localised delivery in mice. *Virology*, **2014**, 468-470, 444-453	3.6	3
29	Supraphysiological expression of survival motor neuron protein from an adenovirus vector does not adversely affect cell function. *Biochemistry and Cell Biology*, **2013**, 91, 252-64	3.6	6
28	Snapshots: chromatin control of viral infection. *Virology*, **2013**, 435, 141-56	3.6	116

27	The role of chromatin in adenoviral vector function. *Viruses*, **2013**, 5, 1500-15	6.2	13
26	Chromatin structure of adenovirus DNA throughout infection. *Nucleic Acids Research*, **2012**, 40, 2369-76	20.1	62
25	Use of Cre/loxP recombination to swap cell binding motifs on the adenoviral capsid protein IX. *Virology*, **2011**, 420, 146-55	3.6	9
24	Rational design of murine secreted alkaline phosphatase for enhanced performance as a reporter gene in mouse gene therapy preclinical studies. *Human Gene Therapy*, **2011**, 22, 499-506	4.8	8
23	Assembly of helper-dependent adenovirus DNA into chromatin promotes efficient gene expression. *Journal of Virology*, **2011**, 85, 3950-8	6.6	33
22	Retargeting of adenovirus vectors through genetic fusion of a single-chain or single-domain antibody to capsid protein IX. *Journal of Virology*, **2010**, 84, 10074-86	6.6	36
21	Host cell detection of noncoding stuffer DNA contained in helper-dependent adenovirus vectors leads to epigenetic repression of transgene expression. *Journal of Virology*, **2009**, 83, 8409-17	6.6	32
20	Construction and characterization of adenovirus vectors. *Cold Spring Harbor Protocols*, **2009**, 2009, pdb.prot5013	1.2	13
19	DNA genome size affects the stability of the adenovirus virion. *Journal of Virology*, **2009**, 83, 2025-8	6.6	28
18	Adenovirus virion stability and the viral genome: size matters. *Molecular Therapy*, **2009**, 17, 1664-6	11.7	47
17	The inflammasome recognizes cytosolic microbial and host DNA and triggers an innate immune response. *Nature*, **2008**, 452, 103-7	50.4	746
16	Adenovirus protein IX: a new look at an old protein. *Molecular Therapy*, **2005**, 11, 19-25	11.7	70
15	Use of a murine secreted alkaline phosphatase as a non-immunogenic reporter gene in mice. *Journal of Gene Medicine*, **2005**, 7, 307-15	3.5	21
14	Helper-dependent adenoviral vectors containing modified fiber for improved transduction of developing and mature muscle cells. *Human Gene Therapy*, **2004**, 15, 179-88	4.8	19
13	Helper-dependent adenovirus vectors elicit intact innate but attenuated adaptive host immune responses in vivo. *Journal of Virology*, **2004**, 78, 5966-72	6.6	176
12	Activation of adenoviral gene expression by protein IX is not required for efficient virus replication. *Journal of Virology*, **2004**, 78, 5032-7	6.6	32
11	Use of adenovirus protein IX (pIX) to display large polypeptides on the virion--generation of fluorescent virus through the incorporation of pIX-GFP. *Molecular Therapy*, **2004**, 9, 617-24	11.7	92
10	Oncolytic adenovirus: getting there is half the battle. *Molecular Therapy*, **2003**, 8, 705-6	11.7	4

9	Alterations of plasma lipids in mice via adenoviral-mediated hepatic overexpression of human ABCA1. *Journal of Lipid Research*, **2003**, 44, 1470-80	6.3	74
8	Development of a gene therapy strategy for the restoration of survival motor neuron protein expression: implications for spinal muscular atrophy therapy. *Human Gene Therapy*, **2003**, 14, 179-88	4.8	28
7	Cancer therapy utilizing an adenoviral vector expressing only E1A. *Cancer Gene Therapy*, **2002**, 9, 321-9	5.4	25
6	Separating fact from fiction: assessing the potential of modified adenovirus vectors for use in human gene therapy. *Current Gene Therapy*, **2002**, 2, 111-33	4.3	112
5	Development of a FLP/frt system for generating helper-dependent adenoviral vectors. *Molecular Therapy*, **2001**, 3, 809-15	11.7	94
4	Improvements in adenoviral vector technology: overcoming barriers for gene therapy. *Clinical Genetics*, **2000**, 58, 1-11	4	42
3	Adenoviral vectors: prospects for gene delivery to the central nervous system. *Gene Therapy*, **1999**, 6, 1349-50	4	9
2	Effects of stuffer DNA on transgene expression from helper-dependent adenovirus vectors. *Journal of Virology*, **1999**, 73, 8027-34	6.6	81
1	Genomic DNA transfer with a high-capacity adenovirus vector results in improved in vivo gene expression and decreased toxicity. *Nature Genetics*, **1998**, 18, 180-3	36.3	566