

# Robin J Parks

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	The inflammasome recognizes cytosolic microbial and host DNA and triggers an innate immune response. <i>Nature</i> , <b>2008</b> , 452, 103-7	50.4	746
61	Genomic DNA transfer with a high-capacity adenovirus vector results in improved in vivo gene expression and decreased toxicity. <i>Nature Genetics</i> , <b>1998</b> , 18, 180-3	36.3	566
60	Helper-dependent adenovirus vectors elicit intact innate but attenuated adaptive host immune responses in vivo. <i>Journal of Virology</i> , <b>2004</b> , 78, 5966-72	6.6	176
59	Snapshots: chromatin control of viral infection. <i>Virology</i> , <b>2013</b> , 435, 141-56	3.6	116
58	Separating fact from fiction: assessing the potential of modified adenovirus vectors for use in human gene therapy. <i>Current Gene Therapy</i> , <b>2002</b> , 2, 111-33	4.3	112
57	Development of a FLP/frt system for generating helper-dependent adenoviral vectors. <i>Molecular Therapy</i> , <b>2001</b> , 3, 809-15	11.7	94
56	Use of adenovirus protein IX (pIX) to display large polypeptides on the virion--generation of fluorescent virus through the incorporation of pIX-GFP. <i>Molecular Therapy</i> , <b>2004</b> , 9, 617-24	11.7	92
55	Effects of stuffer DNA on transgene expression from helper-dependent adenovirus vectors. <i>Journal of Virology</i> , <b>1999</b> , 73, 8027-34	6.6	81
54	Plasma butyrylcholinesterase regulates ghrelin to control aggression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 2251-6	11.5	77
53	Alterations of plasma lipids in mice via adenoviral-mediated hepatic overexpression of human ABCA1. <i>Journal of Lipid Research</i> , <b>2003</b> , 44, 1470-80	6.3	74
52	Adenovirus protein IX: a new look at an old protein. <i>Molecular Therapy</i> , <b>2005</b> , 11, 19-25	11.7	70
51	Chromatin structure of adenovirus DNA throughout infection. <i>Nucleic Acids Research</i> , <b>2012</b> , 40, 2369-76	20.1	62
50	mTORC1 activates SREBP-2 by suppressing cholesterol trafficking to lysosomes in mammalian cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 7999-8004	11.5	47
49	Adenovirus virion stability and the viral genome: size matters. <i>Molecular Therapy</i> , <b>2009</b> , 17, 1664-6	11.7	47
48	Curcumin as an Antiviral Agent. <i>Viruses</i> , <b>2020</b> , 12,	6.2	46
47	Improvements in adenoviral vector technology: overcoming barriers for gene therapy. <i>Clinical Genetics</i> , <b>2000</b> , 58, 1-11	4	42
46	The adenovirus genome contributes to the structural stability of the virion. <i>Viruses</i> , <b>2014</b> , 6, 3563-83	6.2	37

45	Retargeting of adenovirus vectors through genetic fusion of a single-chain or single-domain antibody to capsid protein IX. <i>Journal of Virology</i> , <b>2010</b> , 84, 10074-86	6.6	36
44	Assembly of helper-dependent adenovirus DNA into chromatin promotes efficient gene expression. <i>Journal of Virology</i> , <b>2011</b> , 85, 3950-8	6.6	33
43	Host cell detection of noncoding stuffer DNA contained in helper-dependent adenovirus vectors leads to epigenetic repression of transgene expression. <i>Journal of Virology</i> , <b>2009</b> , 83, 8409-17	6.6	32
42	Activation of adenoviral gene expression by protein IX is not required for efficient virus replication. <i>Journal of Virology</i> , <b>2004</b> , 78, 5032-7	6.6	32
41	DNA genome size affects the stability of the adenovirus virion. <i>Journal of Virology</i> , <b>2009</b> , 83, 2025-8	6.6	28
40	Development of a gene therapy strategy for the restoration of survival motor neuron protein expression: implications for spinal muscular atrophy therapy. <i>Human Gene Therapy</i> , <b>2003</b> , 14, 179-88	4.8	28
39	The apolipoprotein C-III (Gln38Lys) variant associated with human hypertriglyceridemia is a gain-of-function mutation. <i>Journal of Lipid Research</i> , <b>2017</b> , 58, 2188-2196	6.3	25
38	Cancer therapy utilizing an adenoviral vector expressing only E1A. <i>Cancer Gene Therapy</i> , <b>2002</b> , 9, 321-9	5.4	25
37	p53 sensitizes chemoresistant non-small cell lung cancer via elevation of reactive oxygen species and suppression of EGFR/PI3K/AKT signaling. <i>Cancer Cell International</i> , <b>2019</b> , 19, 188	6.4	24
36	Voluntary Running Triggers VGF-Mediated Oligodendrogenesis to Prolong the Lifespan of Snf2h-Null Ataxic Mice. <i>Cell Reports</i> , <b>2016</b> , 17, 862-875	10.6	24
35	Construction and characterization of adenovirus vectors. <i>Cold Spring Harbor Protocols</i> , <b>2009</b> , 2009, pdb.prot50113	6.2	23
34	Temporal activation of XRCC1-mediated DNA repair is essential for muscle differentiation. <i>Cell Discovery</i> , <b>2016</b> , 2, 15041	22.3	22
33	Use of a murine secreted alkaline phosphatase as a non-immunogenic reporter gene in mice. <i>Journal of Gene Medicine</i> , <b>2005</b> , 7, 307-15	3.5	21
32	Long-term reduction of cocaine self-administration in rats treated with adenoviral vector-delivered cocaine hydrolase: evidence for enzymatic activity. <i>Neuropsychopharmacology</i> , <b>2014</b> , 39, 1538-46	8.7	20
31	Physiologic and metabolic safety of butyrylcholinesterase gene therapy in mice. <i>Vaccine</i> , <b>2014</b> , 32, 4155-62	4.2	20
30	Helper-dependent adenoviral vectors containing modified fiber for improved transduction of developing and mature muscle cells. <i>Human Gene Therapy</i> , <b>2004</b> , 15, 179-88	4.8	19
29	p53 Promotes chemoresponsiveness by regulating hexokinase II gene transcription and metabolic reprogramming in epithelial ovarian cancer. <i>Molecular Carcinogenesis</i> , <b>2019</b> , 58, 2161-2174	5	18
28	Histone Deacetylase Inhibitor Suberoylanilide Hydroxamic Acid Suppresses Human Adenovirus Gene Expression and Replication. <i>Journal of Virology</i> , <b>2019</b> , 93,	6.6	15

27	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. <i>PLoS ONE</i> , <b>2017</b> , 12, e0181012	3.7	14
26	The role of chromatin in adenoviral vector function. <i>Viruses</i> , <b>2013</b> , 5, 1500-15	6.2	13
25	Survival Motor Neuron Protein is Released from Cells in Exosomes: A Potential Biomarker for Spinal Muscular Atrophy. <i>Scientific Reports</i> , <b>2017</b> , 7, 13859	4.9	10
24	An Oncolytic Adenovirus Vector Expressing p14 FAST Protein Induces Widespread Syncytium Formation and Reduces Tumor Growth Rate. <i>Molecular Therapy - Oncolytics</i> , <b>2019</b> , 14, 107-120	6.4	10
23	Use of Cre/loxP recombination to swap cell binding motifs on the adenoviral capsid protein IX. <i>Virology</i> , <b>2011</b> , 420, 146-55	3.6	9
22	Adenoviral vectors: prospects for gene delivery to the central nervous system. <i>Gene Therapy</i> , <b>1999</b> , 6, 1349-50	4	9
21	Development of a novel screening platform for the identification of small molecule inhibitors of human adenovirus. <i>Virology</i> , <b>2019</b> , 538, 24-34	3.6	8
20	Adenoviral Vectors Armed with Cell Fusion-Inducing Proteins as Anti-Cancer Agents. <i>Viruses</i> , <b>2017</b> , 9,	6.2	8
19	Rational design of murine secreted alkaline phosphatase for enhanced performance as a reporter gene in mouse gene therapy preclinical studies. <i>Human Gene Therapy</i> , <b>2011</b> , 22, 499-506	4.8	8
18	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. <i>Biochemistry and Cell Biology</i> , <b>2018</b> , 96, 797-807	3.6	7
17	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. <i>PLoS ONE</i> , <b>2016</b> , 11, e0151516	3.7	7
16	Opening the window: The case for carrier and perinatal screening for spinal muscular atrophy. <i>Neuromuscular Disorders</i> , <b>2016</b> , 26, 551-9	2.9	7
15	Supraphysiological expression of survival motor neuron protein from an adenovirus vector does not adversely affect cell function. <i>Biochemistry and Cell Biology</i> , <b>2013</b> , 91, 252-64	3.6	6
14	Delivery of Therapeutic Agents to the Central Nervous System and the Promise of Extracellular Vesicles. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	6
13	Long-Term Blockade of Cocaine Self-Administration and Locomotor Activation in Rats by an Adenoviral Vector-Delivered Cocaine Hydrolase. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2016</b> , 357, 375-81	4.7	6
12	Antiviral Effects of Curcumin on Adenovirus Replication. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	5
11	Oncolytic adenovirus: getting there is half the battle. <i>Molecular Therapy</i> , <b>2003</b> , 8, 705-6	11.7	4
10	Recent Advances in Novel Antiviral Therapies against Human Adenovirus. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	4

9	Identification of human adenovirus replication inhibitors from a library of small molecules targeting cellular epigenetic regulators. <i>Virology</i> , <b>2021</b> , 555, 102-110	3.6	4
8	Use of cell fusion proteins to enhance adenoviral vector efficacy as an anti-cancer therapeutic. <i>Cancer Gene Therapy</i> , <b>2021</b> , 28, 745-756	5.4	3
7	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. <i>Virology</i> , <b>2014</b> , 468-470, 444-453	3.6	3
6	Building immune tolerance through DNA vaccination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 9652-9654	11.5	3
5	Fusion of Large Polypeptides to Human Adenovirus Type 5 Capsid Protein IX Can Compromise Virion Stability and DNA Packaging Capacity. <i>Journal of Virology</i> , <b>2020</b> , 94,	6.6	2
4	PKC-mediated phosphorylation of the diacylglycerol kinase MARCKS domain switches cell migration modes by regulating interactions with Rac1 and RhoA. <i>Journal of Biological Chemistry</i> , <b>2021</b> , 296, 100516	5.4	1
3	Oncolytic Rhabdovirus Vaccine Boosts Chimeric Anti-DEC205 Priming for Effective Cancer Immunotherapy. <i>Molecular Therapy - Oncolytics</i> , <b>2020</b> , 19, 240-252	6.4	
2	Label-free quantitative proteomic analysis of extracellular vesicles released from fibroblasts derived from patients with spinal muscular atrophy. <i>Proteomics</i> , <b>2021</b> , 21, e2000301	4.8	
1	The genome position of a therapeutic transgene strongly influences the level of expression in an armed oncolytic human adenovirus vector. <i>Virology</i> , <b>2021</b> , 561, 87-97	3.6	