Imre Kovesdi

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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.

68 papers	5,381 citations	36 h-index	73 g-index
74 ext. papers	5,623 ext. citations	8.6 avg, IF	4.68 L-index

#	Paper	IF	Citations
68	Identification of a cellular transcription factor involved in E1A trans-activation. *Cell*, **1986**, 45, 219-28	56.2	538
67	The coxsackievirus-adenovirus receptor protein can function as a cellular attachment protein for adenovirus serotypes from subgroups A, C, D, E, and F. *Journal of Virology*, **1998**, 72, 7909-15	6.6	515
66	Identification of a conserved receptor-binding site on the fiber proteins of CAR-recognizing adenoviridae. *Science*, **1999**, 286, 1568-71	33.3	363
65	Adenovirus targeted to heparan-containing receptors increases its gene delivery efficiency to multiple cell types. *Nature Biotechnology*, **1996**, 14, 1570-3	44.5	293
64	Biologic bypass with the use of adenovirus-mediated gene transfer of the complementary deoxyribonucleic acid for vascular endothelial growth factor 121 improves myocardial perfusion and function in the ischemic porcine heart. *Journal of Thoracic and Cardiovascular Surgery*, **1998**, 115, 169-76, discussion 176-7	1.5	264
63	Efficient inhibition of intimal hyperplasia by adenovirus-mediated inducible nitric oxide synthase gene transfer to rats and pigs in vivo. *Journal of the American College of Surgeons*, **1998**, 187, 295-306	4.4	198
62	"Sero-switch" adenovirus-mediated in vivo gene transfer: circumvention of anti-adenovirus humoral immune defenses against repeat adenovirus vector administration by changing the adenovirus serotype. *Human Gene Therapy*, **1996**, 7, 79-87	4.8	182
61	Selectivity of a replication-competent adenovirus for human breast carcinoma cells expressing the MUC1 antigen. *Journal of Clinical Investigation*, **2000**, 106, 763-71	15.9	182
60	Adenoviral vectors for gene transfer. *Current Opinion in Biotechnology*, **1997**, 8, 583-9	11.4	178
59	Circumvention of anti-adenovirus neutralizing immunity by administration of an adenoviral vector of an alternate serotype. *Human Gene Therapy*, **1997**, 8, 99-109	4.8	177
58	Airway epithelial CFTR mRNA expression in cystic fibrosis patients after repetitive administration of a recombinant adenovirus. *Journal of Clinical Investigation*, **1999**, 104, 1245-55	15.9	177
57	CAR-dependent and CAR-independent pathways of adenovirus vector-mediated gene transfer and expression in human fibroblasts. *Journal of Clinical Investigation*, **1999**, 103, 579-87	15.9	176
56	Adenoviral transfer of the inducible nitric oxide synthase gene blocks endothelial cell apoptosis. *Surgery*, **1997**, 122, 255-63	3.6	141
55	Developmental control of a promoter-specific factor that is also regulated by the E1A gene product. *Cell*, **1987**, 48, 501-6	56.2	118
54	Electromagnetic guidance for catheter-based transendocardial injection: a platform for intramyocardial angiogenesis therapy. Results in normal and ischemic porcine models. *Journal of the American College of Cardiology*, **2000**, 35, 1031-9	15.1	116
53	Adenovirus-mediated VEGF(121) gene transfer stimulates angiogenesis in normoperfused skeletal muscle and preserves tissue perfusion after induction of ischemia. *Circulation*, **2000**, 102, 565-71	16.7	115
52	Inducible nitric oxide synthase (iNOS) expression upregulates p21 and inhibits vascular smooth muscle cell proliferation through p42/44 mitogen-activated protein kinase activation and independent of p53 and cyclic guanosine monophosphate. *Journal of Vascular Surgery*, **2000**, 31, 1214-28	3.5	103

51	Interaction of the adenovirus 14.7-kDa protein with FLICE inhibits Fas ligand-induced apoptosis. *Journal of Biological Chemistry*, **1998**, 273, 5815-20	5.4	83
50	Adenovirus-mediated gene transfer of human inducible nitric oxide synthase in porcine vein grafts inhibits intimal hyperplasia. *Journal of Vascular Surgery*, **2001**, 34, 156-65	3.5	77
49	Polylysine modification of adenoviral fiber protein enhances muscle cell transduction. *Human Gene Therapy*, **1999**, 10, 1633-40	4.8	74
48	Protection against P. aeruginosa with an adenovirus vector containing an OprF epitope in the capsid. *Journal of Clinical Investigation*, **2005**, 115, 1281-9	15.9	74
47	Construction of a pseudoreceptor that mediates transduction by adenoviruses expressing a ligand in fiber or penton base. *Journal of Virology*, **1999**, 73, 9130-6	6.6	73
46	Adenovirus-mediated inducible nitric oxide synthase gene transfer inhibits hepatocyte apoptosis. *Surgery*, **1998**, 124, 278-283	3.6	72
45	Cloning, characterization and developmental regulation of two members of a novel human gene family of neurite outgrowth-promoting proteins. *Growth Factors*, **1991**, 5, 99-114	1.6	67
44	Adenoviral gene transfer of the human inducible nitric oxide synthase gene enhances the radiation response of human colorectal cancer associated with alterations in tumor vascularity. *Cancer Research*, **2004**, 64, 1386-95	10.1	64
43	Epitopes expressed in different adenovirus capsid proteins induce different levels of epitope-specific immunity. *Journal of Virology*, **2006**, 80, 5523-30	6.6	61
42	Heparin-binding neurotrophic factor (HBNF) and MK, members of a new family of homologous, developmentally regulated proteins. *Biochemical and Biophysical Research Communications*, **1990**, 172, 850-4	3.4	56
41	HBNF and MK, members of a novel gene family of heparin-binding proteins with potential roles in embryogenesis and brain function. *Progress in Growth Factor Research*, **1991**, 3, 143-57		55
40	Adenoviral mediated delivery of FAS ligand to arthritic joints causes extensive apoptosis in the synovial lining. *Journal of Gene Medicine*, **2000**, 2, 210-9	3.5	54
39	Adenoviral producer cells. *Viruses*, **2010**, 2, 1681-703	6.2	52
38	A factor discriminating between the wild-type and a mutant polyomavirus enhancer. *Nature*, **1987**, 328, 87-9	50.4	48
37	Expression of the HBNF (heparin-binding neurite-promoting factor) gene in the brain of fetal, neonatal and adult rat: an in situ hybridization study. *Developmental Brain Research*, **1992**, 70, 267-78		47
36	Endothelial nitric oxide synthase protects aortic allografts from the development of transplant arteriosclerosis. *Transplantation*, **2000**, 69, 1186-92	1.8	42
35	Targeted and shielded adenovectors for cancer therapy. *Cancer Immunology, Immunotherapy*, **2006**, 55, 1412-9	7.4	39
34	Local adenoviral-mediated inducible nitric oxide synthase gene transfer inhibits neointimal formation in the porcine coronary stented model. *Molecular Therapy*, **2003**, 7, 597-603	11.7	39

33	Efficient adenoviral gene transfer to kidney cortical vasculature utilizing a fiber modified vector. *Journal of Gene Medicine*, **1999**, 1, 103-10	3.5	37
32	Isolation from bovine brain and structural characterization of HBNF, a heparin-binding neurotrophic factor. *Growth Factors*, **1991**, 4, 97-107	1.6	31
31	Nitric oxide prevents p21 degradation with the ubiquitin-proteasome pathway in vascular smooth muscle cells. *Journal of Vascular Surgery*, **2000**, 31, 364-74	3.5	28
30	Optimization of ex vivo inducible nitric oxide synthase gene transfer to vein grafts. *Surgery*, **1999**, 126, 323-329	3.6	28
29	Dendritic cell based PSMA immunotherapy for prostate cancer using a CD40-targeted adenovirus vector. *PLoS ONE*, **2012**, 7, e46981	3.7	26
28	Vascular permeability effect of adenovirus-mediated vascular endothelial growth factor gene transfer to the rabbit and rat skeletal muscle. *Journal of Thoracic and Cardiovascular Surgery*, **1999**, 118, 339-47	1.5	26
27	Extended tropism of an adenoviral vector does not circumvent the maturation-dependent transducibility of mouse skeletal muscle. *Journal of Gene Medicine*, **1999**, 1, 393-9	3.5	26
26	Promoters influence the kinetics of transgene expression following adenovector gene delivery. *Journal of Gene Medicine*, **2008**, 10, 123-31	3.5	21
25	Potentiation of nitric oxide-induced apoptosis in p53-/- vascular smooth muscle cells. *American Journal of Physiology - Cell Physiology*, **2002**, 282, C625-34	5.4	21
24	Myoblast-MediatedEx VivoGene Transfer to Mature Muscle. *Tissue Engineering*, **1997**, 3, 125-133		20
23	Inhibitory effect of recombinant iNOS gene expression on vasomotor function of canine basilar artery. *American Journal of Physiology - Heart and Circulatory Physiology*, **2002**, 283, H2560-6	5.2	19
22	Structure/activity relationships in basic FGF. *Annals of the New York Academy of Sciences*, **1991**, 638, 98-108	6.9	19
21	Rapid construction of adenoviral vectors by lambda phage genetics. *Journal of Virology*, **2002**, 76, 3670-76	6.6	18
20	Transactivation by the adenovirus E1A gene. *Biochemistry and Cell Biology*, **1988**, 66, 578-83	3.6	18
19	Rescue and production of vaccine and therapeutic adenovirus vectors expressing inhibitory transgenes. *Molecular Biotechnology*, **2007**, 35, 263-73	3	17
18	In vivo gene transfer of inducible nitric oxide synthase to carotid arteries from hypercholesterolemic rabbits. *Stroke*, **2003**, 34, 1293-8	6.7	17
17	Recombinant infectious bursal disease virus carrying hepatitis C virus epitopes. *Journal of Virology*, **2011**, 85, 1408-14	6.6	12
16	Genetic incorporation of human metallothionein into the adenovirus protein IX for non-invasive SPECT imaging. *PLoS ONE*, **2011**, 6, e16792	3.7	10

15	Actin genes from the sea star Pisaster ochraceus. *Biochimica Et Biophysica Acta Gene Regulatory Mechanisms*, **1984**, 782, 76-86		10
14	Structure of the gene coding for the human retinoic acid-inducible factor, MK. *DNA and Cell Biology*, **1993**, 12, 139-47	3.6	8
13	Effective multiple oral administration of reverse genetics engineered infectious bursal disease virus in mice in the presence of neutralizing antibodies. *Journal of Gene Medicine*, **2015**, 17, 116-31	3.5	7
12	Sequence complexity in the maternal RNA of the starfish Pisaster ochraceus (Brandt). *Developmental Biology*, **1982**, 89, 56-63	3.1	7
11	Adenovirus vector library: an approach to the discovery of gene and protein function. *Journal of General Virology*, **2003**, 84, 3417-3422	4.9	7
10	In vivo expression and function of recombinant GTPCH I in the rabbit carotid artery. *American Journal of Physiology - Heart and Circulatory Physiology*, **2004**, 286, H570-4	5.2	6
9	Actin gene number in the sea star Pisaster ochraceus. *Canadian Journal of Biochemistry and Cell Biology*, **1985**, 63, 1145-1151		6
8	Therapeutic Exploitation of Viral Interference. *Infectious Disorders - Drug Targets*, **2020**, 20, 423-432	1.1	6
7	Regulation of tissue factor expression in smooth muscle cells with nitric oxide. *Journal of Vascular Surgery*, **2003**, 37, 650-9	3.5	4
6	Post-infection viral superinfection technology could treat HBV and HCV patients with unmet needs. *Hepatology, Medicine and Policy*, **2018**, 3, 2		3
5	Adenovirus vectors targeting alphaV integrin or heparan sulfate receptors display different distribution of transgene activity after intramuscular injection. *Journal of Gene Medicine*, **2004**, 6, 309-16	3.5	3
4	Augmentation of pulmonary host defense against Pseudomonas by FcgammaRIIA cDNA transfer to the respiratory epithelium. *Journal of Clinical Investigation*, **1999**, 104, 409-18	15.9	3
3	The clinically validated viral superinfection therapy (SIT) platform technology could cure early cases of COVID-19 disease		2
2	Delayed angiogenesis in aging rats and therapeutic effect of adenoviral gene transfer of VEGF. *International Journal of Molecular Medicine*, **2004**, 13, 581	4.4	0
1	Sequential Combination of a Strong Interferon Inducer Viral Vector With Low Doses of Nivolumab Plus Ipilimumab Could Provide Functional Cure in Chronic Hepatitis B Virus infections: Technical Report Proposing a New Modality.. *Cureus*, **2022**, 14, e22750	1.2	0