

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. <i>Cell</i> , 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. <i>Journal of Virology</i> , 1998 , 72, 7909-15	6.6	515
66	Identification of a conserved receptor-binding site on the fiber proteins of CAR-recognizing adenoviridae. <i>Science</i> , 1999 , 286, 1568-71	33.3	363
65	Adenovirus targeted to heparan-containing receptors increases its gene delivery efficiency to multiple cell types. <i>Nature Biotechnology</i> , 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. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1998 , 115, 168-76, 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. <i>Journal of the American College of Surgeons</i> , 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. <i>Human Gene Therapy</i> , 1996 , 7, 79-87	4.8	182
61	Selectivity of a replication-competent adenovirus for human breast carcinoma cells expressing the MUC1 antigen. <i>Journal of Clinical Investigation</i> , 2000 , 106, 763-71	15.9	182
60	Adenoviral vectors for gene transfer. <i>Current Opinion in Biotechnology</i> , 1997 , 8, 583-9	11.4	178
59	Circumvention of anti-adenovirus neutralizing immunity by administration of an adenoviral vector of an alternate serotype. <i>Human Gene Therapy</i> , 1997 , 8, 99-109	4.8	177
58	Airway epithelial CFTR mRNA expression in cystic fibrosis patients after repetitive administration of a recombinant adenovirus. <i>Journal of Clinical Investigation</i> , 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. <i>Journal of Clinical Investigation</i> , 1999 , 103, 579-87	15.9	176
56	Adenoviral transfer of the inducible nitric oxide synthase gene blocks endothelial cell apoptosis. <i>Surgery</i> , 1997 , 122, 255-63	3.6	141
55	Developmental control of a promoter-specific factor that is also regulated by the E1A gene product. <i>Cell</i> , 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. <i>Journal of the American College of Cardiology</i> , 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. <i>Circulation</i> , 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. <i>Journal of Vascular Surgery</i> , 2000 , 31, 1214-28	3.5	103

51	Interaction of the adenovirus 14.7-kDa protein with FLICE inhibits Fas ligand-induced apoptosis. <i>Journal of Biological Chemistry</i> , 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. <i>Journal of Vascular Surgery</i> , 2001 , 34, 156-65	3.5	77
49	Polylysine modification of adenoviral fiber protein enhances muscle cell transduction. <i>Human Gene Therapy</i> , 1999 , 10, 1633-40	4.8	74
48	Protection against <i>P. aeruginosa</i> with an adenovirus vector containing an OprF epitope in the capsid. <i>Journal of Clinical Investigation</i> , 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. <i>Journal of Virology</i> , 1999 , 73, 9130-6	6.6	73
46	Adenovirus-mediated inducible nitric oxide synthase gene transfer inhibits hepatocyte apoptosis. <i>Surgery</i> , 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. <i>Growth Factors</i> , 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. <i>Cancer Research</i> , 2004 , 64, 1386-95	10.1	64
43	Epitopes expressed in different adenovirus capsid proteins induce different levels of epitope-specific immunity. <i>Journal of Virology</i> , 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. <i>Biochemical and Biophysical Research Communications</i> , 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. <i>Progress in Growth Factor Research</i> , 1991 , 3, 143-57		55
40	Adenoviral mediated delivery of FAS ligand to arthritic joints causes extensive apoptosis in the synovial lining. <i>Journal of Gene Medicine</i> , 2000 , 2, 210-9	3.5	54
39	Adenoviral producer cells. <i>Viruses</i> , 2010 , 2, 1681-703	6.2	52
38	A factor discriminating between the wild-type and a mutant polyomavirus enhancer. <i>Nature</i> , 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. <i>Developmental Brain Research</i> , 1992 , 70, 267-78		47
36	Endothelial nitric oxide synthase protects aortic allografts from the development of transplant arteriosclerosis. <i>Transplantation</i> , 2000 , 69, 1186-92	1.8	42
35	Targeted and shielded adenovectors for cancer therapy. <i>Cancer Immunology, Immunotherapy</i> , 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. <i>Molecular Therapy</i> , 2003 , 7, 597-603	11.7	39

33	Efficient adenoviral gene transfer to kidney cortical vasculature utilizing a fiber modified vector. <i>Journal of Gene Medicine</i> , 1999 , 1, 103-10	3.5	37
32	Isolation from bovine brain and structural characterization of HBNF, a heparin-binding neurotrophic factor. <i>Growth Factors</i> , 1991 , 4, 97-107	1.6	31
31	Nitric oxide prevents p21 degradation with the ubiquitin-proteasome pathway in vascular smooth muscle cells. <i>Journal of Vascular Surgery</i> , 2000 , 31, 364-74	3.5	28
30	Optimization of ex vivo inducible nitric oxide synthase gene transfer to vein grafts. <i>Surgery</i> , 1999 , 126, 323-329	3.6	28
29	Dendritic cell based PSMA immunotherapy for prostate cancer using a CD40-targeted adenovirus vector. <i>PLoS ONE</i> , 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. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 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. <i>Journal of Gene Medicine</i> , 1999 , 1, 393-9	3.5	26
26	Promoters influence the kinetics of transgene expression following adenovector gene delivery. <i>Journal of Gene Medicine</i> , 2008 , 10, 123-31	3.5	21
25	Potential of nitric oxide-induced apoptosis in p53 ^{-/-} vascular smooth muscle cells. <i>American Journal of Physiology - Cell Physiology</i> , 2002 , 282, C625-34	5.4	21
24	Myoblast-Mediated Ex Vivo Gene Transfer to Mature Muscle. <i>Tissue Engineering</i> , 1997 , 3, 125-133		20
23	Inhibitory effect of recombinant iNOS gene expression on vasomotor function of canine basilar artery. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002 , 283, H2560-6	5.2	19
22	Structure/activity relationships in basic FGF. <i>Annals of the New York Academy of Sciences</i> , 1991 , 638, 98-108	1.5	19
21	Rapid construction of adenoviral vectors by lambda phage genetics. <i>Journal of Virology</i> , 2002 , 76, 3670-76	6.6	18
20	Transactivation by the adenovirus E1A gene. <i>Biochemistry and Cell Biology</i> , 1988 , 66, 578-83	3.6	18
19	Rescue and production of vaccine and therapeutic adenovirus vectors expressing inhibitory transgenes. <i>Molecular Biotechnology</i> , 2007 , 35, 263-73	3	17
18	In vivo gene transfer of inducible nitric oxide synthase to carotid arteries from hypercholesterolemic rabbits. <i>Stroke</i> , 2003 , 34, 1293-8	6.7	17
17	Recombinant infectious bursal disease virus carrying hepatitis C virus epitopes. <i>Journal of Virology</i> , 2011 , 85, 1408-14	6.6	12
16	Genetic incorporation of human metallothionein into the adenovirus protein IX for non-invasive SPECT imaging. <i>PLoS ONE</i> , 2011 , 6, e16792	3.7	10

15	Actin genes from the sea star <i>Pisaster ochraceus</i> . <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1984 , 782, 76-86		10
14	Structure of the gene coding for the human retinoic acid-inducible factor, MK. <i>DNA and Cell Biology</i> , 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. <i>Journal of Gene Medicine</i> , 2015 , 17, 116-31	3.5	7
12	Sequence complexity in the maternal RNA of the starfish <i>Pisaster ochraceus</i> (Brandt). <i>Developmental Biology</i> , 1982 , 89, 56-63	3.1	7
11	Adenovirus vector library: an approach to the discovery of gene and protein function. <i>Journal of General Virology</i> , 2003 , 84, 3417-3422	4.9	7
10	In vivo expression and function of recombinant GTPCH I in the rabbit carotid artery. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004 , 286, H570-4	5.2	6
9	Actin gene number in the sea star <i>Pisaster ochraceus</i> . <i>Canadian Journal of Biochemistry and Cell Biology</i> , 1985 , 63, 1145-1151		6
8	Therapeutic Exploitation of Viral Interference. <i>Infectious Disorders - Drug Targets</i> , 2020 , 20, 423-432	1.1	6
7	Regulation of tissue factor expression in smooth muscle cells with nitric oxide. <i>Journal of Vascular Surgery</i> , 2003 , 37, 650-9	3.5	4
6	Post-infection viral superinfection technology could treat HBV and HCV patients with unmet needs. <i>Hepatology, Medicine and Policy</i> , 2018 , 3, 2		3
5	Adenovirus vectors targeting alphaV integrin or heparan sulfate receptors display different distribution of transgene activity after intramuscular injection. <i>Journal of Gene Medicine</i> , 2004 , 6, 309-16	3.5	3
4	Augmentation of pulmonary host defense against <i>Pseudomonas</i> by FcgammaRIIA cDNA transfer to the respiratory epithelium. <i>Journal of Clinical Investigation</i> , 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. <i>International Journal of Molecular Medicine</i> , 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.. <i>Cureus</i> , 2022 , 14, e22750	1.2	0