

Amos Panet

List of Publications by Year in descending order

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68
papers

3,016
citations

186265

28
h-index

168389

53
g-index

69
all docs

69
docs citations

69
times ranked

2982
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase I/II Trial of Intravenous NDV-HUJ Oncolytic Virus in Recurrent Glioblastoma Multiforme. <i>Molecular Therapy</i> , 2006, 13, 221-228.	8.2	329
2	Ordered transcription of RNA tumor virus genomes. <i>Journal of Molecular Biology</i> , 1976, 106, 109-131.	4.2	194
3	Imaging Transgene Expression in Live Animals. <i>Molecular Therapy</i> , 2001, 4, 239-249.	8.2	167
4	Two splicing variants of a new inhibitor of apoptosis gene with different biological properties and tissue distribution pattern. <i>FEBS Letters</i> , 2001, 495, 56-60.	2.8	157
5	Modulation of endothelial cell proliferation, adhesion, and motility by recombinant heparin-binding domain and synthetic peptides from the type I repeats of thrombospondin. <i>Journal of Cellular Biochemistry</i> , 1993, 53, 74-84.	2.6	153
6	Human peripheral blood eosinophils induce angiogenesis. <i>International Journal of Biochemistry and Cell Biology</i> , 2005, 37, 628-636.	2.8	111
7	Apolipoprotein E: A potent inhibitor of endothelial and tumor cell proliferation. <i>Journal of Cellular Biochemistry</i> , 1994, 54, 299-308.	2.6	109
8	Selective degradation of integrated murine leukemia proviral DNA by deoxyribonucleases. <i>Cell</i> , 1977, 11, 933-940.	28.9	101
9	Zika Virus Infects Early- and Midgestation Human Maternal Decidual Tissues, Inducing Distinct Innate Tissue Responses in the Maternal-Fetal Interface. <i>Journal of Virology</i> , 2017, 91, .	3.4	95
10	Herpes Simplex Virus Type 1 Latency-Associated Transcripts Suppress Viral Replication and Reduce Immediate-Early Gene mRNA Levels in a Neuronal Cell Line. <i>Journal of Virology</i> , 1998, 72, 5067-5075.	3.4	93
11	The antiproliferative effect of interferon and the mitogenic activity of growth factors are independent cell cycle events. <i>Experimental Cell Research</i> , 1985, 161, 297-306.	2.6	90
12	A Mouse Cell Line, which Is Unprotected by Interferon against Lytic Virus Infection, Lacks Ribonuclease F Activity. <i>FEBS Journal</i> , 1981, 118, 9-15.	0.2	80
13	The Binding of Purified Phe-tRNA and Peptidyl-tRNAPhe to Escherichia coli Ribosomes. <i>FEBS Journal</i> , 1971, 23, 523-527.	0.2	72
14	Binding of tRNA to Reverse Transcriptase of RNA Tumor Viruses. <i>Journal of Virology</i> , 1978, 26, 214-220.	3.4	71
15	Modeling of Human Cytomegalovirus Maternal-Fetal Transmission in a Novel Decidual Organ Culture. <i>Journal of Virology</i> , 2011, 85, 13204-13213.	3.4	68
16	Interaction of tryptophan tRNA and avian myeloblastosis virus reverse transcriptase: further characterization of the binding reaction. <i>Biochemistry</i> , 1977, 16, 3625-3632.	2.5	61
17	The Oncolytic Activity of Newcastle Disease Virus NDV-HUJ on Chemoresistant Primary Melanoma Cells Is Dependent on the Proapoptotic Activity of the Inhibitor of Apoptosis Protein Livin. <i>Journal of Virology</i> , 2010, 84, 639-646.	3.4	58
18	Zika Virus Escapes NK Cell Detection by Upregulating Major Histocompatibility Complex Class I Molecules. <i>Journal of Virology</i> , 2017, 91, .	3.4	55

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19	Models of vertical cytomegalovirus (CMV) transmission and pathogenesis. <i>Seminars in Immunopathology</i> , 2014, 36, 615-625.	6.1	54
20	Neurotropism of herpes simplex virus type 1 in brain organ cultures. <i>Journal of General Virology</i> , 2006, 87, 2827-2837.	2.9	49
21	Synchronized Infection of Cell Cultures by Magnetically Controlled Virus. <i>Journal of Virology</i> , 2005, 79, 622-625.	3.4	48
22	Human Nasal and Lung Tissues Infected <i>Ex Vivo</i> with SARS-CoV-2 Provide Insights into Differential Tissue-Specific and Virus-Specific Innate Immune Responses in the Upper and Lower Respiratory Tract. <i>Journal of Virology</i> , 2021, 95, e0013021.	3.4	47
23	Therapeutic potential of oncolytic Newcastle disease virus a critical review. <i>Oncolytic Virotherapy</i> , 2015, 4, 49.	6.0	45
24	Avian Hemangioma Retrovirus Induces Cell Proliferation via the Envelope (env) Gene. <i>Virology</i> , 2000, 276, 161-168.	2.4	41
25	Production and characterization of interferon from endothelial cells. <i>Journal of Cellular Physiology</i> , 1985, 122, 200-204.	4.1	38
26	Herpes Simplex Virus Type 1 Preferentially Targets Human Colon Carcinoma: Role of Extracellular Matrix. <i>Journal of Virology</i> , 2008, 82, 999-1010.	3.4	38
27	Ex vivo transduction of human dermal tissue structures for autologous implantation production and delivery of therapeutic proteins. <i>Molecular Therapy</i> , 2005, 12, 274-282.	8.2	34
28	Effect of 2'5'-oligoadenylic acid on a mouse cell line partially resistant to interferon. <i>Virology</i> , 1981, 114, 567-572.	2.4	31
29	Expression and Splicing of the Latency-Associated Transcripts of Herpes Simplex Virus Type 1 in Neuronal and Non-Neuronal Cell Lines1. <i>Journal of Biochemistry</i> , 1995, 117, 1288-1297.	1.7	31
30	Human cytomegalovirus induces a distinct innate immune response in the maternal-fetal interface. <i>Virology</i> , 2015, 485, 289-296.	2.4	29
31	APOBEC3A Is Upregulated by Human Cytomegalovirus (HCMV) in the Maternal-Fetal Interface, Acting as an Innate Anti-HCMV Effector. <i>Journal of Virology</i> , 2017, 91, .	3.4	27
32	Successful intracranial delivery of trastuzumab by gene-therapy for treatment of HER2-positive breast cancer brain metastases. <i>Journal of Controlled Release</i> , 2018, 291, 80-89.	9.9	27
33	Reaction of Puromycin with Chemically Prepared Peptidyl Transfer RNA. <i>FEBS Journal</i> , 1970, 15, 215-221.	0.2	26
34	Gene transfer mediated by different viral vectors following direct cannulation of mouse submandibular salivary glands. <i>European Journal of Oral Sciences</i> , 2002, 110, 254-260.	1.5	25
35	Extracellular matrix constituents interfere with Newcastle disease virus spread in solid tissue and diminish its potential oncolytic activity. <i>Journal of General Virology</i> , 2012, 93, 1664-1672.	2.9	23
36	Artemisone demonstrates synergistic antiviral activity in combination with approved and experimental drugs active against human cytomegalovirus. <i>Antiviral Research</i> , 2019, 172, 104639.	4.1	22

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37	Differential inhibition of DNA polymerase and RNase H activities of the reverse transcriptase by phosphonoformate. <i>Molecular and Cellular Biochemistry</i> , 1982, 43, 97-103.	3.1	20
38	Electron microscopic evidence for splicing of Moloney murine leukemia virus RNAs. <i>Nucleic Acids Research</i> , 1978, 5, 3219-3230.	14.5	18
39	Heparin-binding domain, type 1 and type 2 repeats of thrombospondin mediate its interaction with human breast cancer cells. , 1996, 62, 431-442.		18
40	Transition toward Human Cytomegalovirus Susceptibility in Early Human Embryonic Stem Cell-Derived Neural Precursors. <i>Journal of Virology</i> , 2015, 89, 11159-11164.	3.4	18
41	Time Frames for Neutralization during the Human Immunodeficiency Virus Type 1 Entry Phase, as Monitored in Synchronously Infected Cell Cultures. <i>Journal of Virology</i> , 2007, 81, 3525-3534.	3.4	17
42	Substrate Specificity of Escherichia coli Peptidyl-Transferase. <i>FEBS Journal</i> , 1970, 15, 222-225.	0.2	15
43	Programmed Endothelial Cell Death Induced by an Avian Hemangioma Retrovirus Is Density Dependent. <i>Virology</i> , 1996, 223, 233-237.	2.4	14
44	Prolonged transgene expression in murine salivary glands following non-primate lentiviral vector transduction. <i>Molecular Therapy</i> , 2005, 12, 137-143.	8.2	14
45	Tropism of Lentiviral Vectors in Skin Tissue. <i>Human Gene Therapy</i> , 2008, 19, 255-266.	2.7	14
46	Restrictions that control herpes simplex virus type 1 infection in mouse brain ex vivo. <i>Journal of General Virology</i> , 2011, 92, 2383-2393.	2.9	13
47	Different modes of herpes simplex virus type 1 spread in brain and skin tissues. <i>Journal of NeuroVirology</i> , 2014, 20, 18-27.	2.1	13
48	Regulation of the antiviral and anticellular activities of interferon by exogenous double-stranded RNA. <i>Molecular and Cellular Biochemistry</i> , 1983, 52, 153-60.	3.1	12
49	Transgenic Mouse with the Herpes Simplex Virus Type 1 Latency-Associated Gene: Expression and Function of the Transgene. <i>Journal of Virology</i> , 2003, 77, 12421-12429.	3.4	12
50	A synthetic heparin-mimicking polyanionic compound binds to the LDL receptor-related protein and inhibits vascular smooth muscle cell proliferation. <i>Journal of Cellular Biochemistry</i> , 2001, 81, 114-127.	2.6	11
51	Integrated Strategy for the Production of Therapeutic Retroviral Vectors. <i>Human Gene Therapy</i> , 2011, 22, 370-379.	2.7	11
52	Biopump: Autologous skin-derived micro-organ genetically engineered to provide sustained continuous secretion of therapeutic proteins. <i>Dermatologic Therapy</i> , 2011, 24, 489-497.	1.7	11
53	Gene Delivery by Viral Vectors in Primary Cultures of Lacrimal Gland Tissue. , 2003, 44, 1529.		10
54	Infant lungs are preferentially infected by adenovirus and herpes simplex virus type 1 vectors: role of the tissue mesenchymal cells. <i>Journal of Gene Medicine</i> , 2011, 13, 101-113.	2.8	10

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55	Innate defense mechanisms against HSV-1 infection in the target tissues, skin and brain. Journal of NeuroVirology, 2016, 22, 641-649.	2.1	10
56	Preclinical and Preliminary Clinical Evaluation of Genetically Transduced Dermal Tissue Implants for the Sustained Secretion of Erythropoietin and Interferon β . Human Gene Therapy Clinical Development, 2015, 26, 216-227.	3.1	9
57	Use of reconstituted Sendai virus envelopes for fusion-mediated microinjection of double-stranded RNA: inhibition of protein synthesis in interferon-treated cells. Biochimica Et Biophysica Acta - Biomembranes, 1986, 859, 88-94.	2.6	8
58	Viral mediated gene transfer to sprouting blood vessels during angiogenesis. Journal of Virological Methods, 2002, 105, 1-11.	2.1	8
59	Characterization of factors that determine lentiviral vector tropism in skin tissue using an <i>ex vivo</i> model. Journal of Gene Medicine, 2011, 13, 209-220.	2.8	7
60	Activation of ribonuclease F by the two isomers (2'-5') oligoadenylate and (3'-5') oligoadenylate. FEBS Letters, 1982, 149, 47-50.	2.8	6
61	Human Nasal Turbinate Tissues in Organ Culture as a Model for Human Cytomegalovirus Infection at the Mucosal Entry Site. Journal of Virology, 2020, 94, .	3.4	6
62	Variant mouse lymphoma cells with modified response to interferon demonstrate enhanced immunogenicity. Cancer Immunology, Immunotherapy, 1997, 44, 249-256.	4.2	5
63	Sustained secretion of anti-tumor necrosis factor β monoclonal antibody from <i>ex vivo</i> genetically engineered dermal tissue demonstrates therapeutic activity in mouse model of rheumatoid arthritis. Journal of Gene Medicine, 2017, 19, e2965.	2.8	4
64	Isolation and characterization of interferon-resistant variants from S49 mouse lymphoma. Experimental Cell Research, 1988, 177, 37-46.	2.6	1
65	Restriction of murine leukemia proviral gene expression in somatic mouse cell hybrids. Virology, 1980, 106, 197-206.	2.4	0
66	Preclinical and preliminary clinical evaluation of genetically transduced dermal tissue implants for the sustained secretion of erythropoietin and interferon β . Human Gene Therapy Clinical Development, 2015, , .	3.1	0
67	MECHANISMS OF INTERFERON ACTION ON CELL GROWTH AND ON MURINE LEUKEMIA, VESICULAR STOMATITIS, AND ENCEPHALOMYOCARDITIS VIRUSES. , 1981, , 385-401.		0
68	A Novel Tool for Nasal Polyp Investigation: An Ex vivo Organ Culture System. Israel Medical Association Journal, 2020, 22, 48-52.	0.1	0