

Stephen L Dewhurst

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173
papers

7,687
citations

48
h-index

82
g-index

177
ext. papers

8,344
ext. citations

6.5
avg, IF

5.3
L-index

#	Paper	IF	Citations
173	Human herpesvirus-6 infection in children. A prospective study of complications and reactivation. <i>New England Journal of Medicine</i> , 1994 , 331, 432-8	59.2	515
172	Tumor necrosis factor alpha-induced apoptosis in human neuronal cells: protection by the antioxidant N-acetylcysteine and the genes bcl-2 and crmA. <i>Molecular and Cellular Biology</i> , 1995 , 15, 2359-66	4.8	279
171	Human herpesvirus 6B genome sequence: coding content and comparison with human herpesvirus 6A. <i>Journal of Virology</i> , 1999 , 73, 8040-52	6.6	265
170	Tumor necrosis factor alpha inhibits glutamate uptake by primary human astrocytes. Implications for pathogenesis of HIV-1 dementia. <i>Journal of Biological Chemistry</i> , 1996 , 271, 15303-6	5.4	262
169	Classification of HHV-6A and HHV-6B as distinct viruses. <i>Archives of Virology</i> , 2014 , 159, 863-70	2.6	225
168	Macrophage tropism of HIV-1 depends on efficient cellular dNTP utilization by reverse transcriptase. <i>Journal of Biological Chemistry</i> , 2004 , 279, 51545-53	5.4	223
167	Neuroinvasion and persistence of human herpesvirus 6 in children. <i>Journal of Infectious Diseases</i> , 1994 , 170, 1586-9	7	212
166	Sequence analysis and acute pathogenicity of molecularly cloned SIVSMM-PBj14. <i>Nature</i> , 1990 , 345, 636-40	40.4	204
165	Nerve growth factor-dependent activation of NF-kappaB contributes to survival of sympathetic neurons. <i>Journal of Neuroscience</i> , 1998 , 18, 10356-65	6.6	203
164	Persistence of human herpesvirus 6 according to site and variant: possible greater neurotropism of variant A. <i>Clinical Infectious Diseases</i> , 1998 , 26, 132-7	11.6	187
163	Neuronal fractalkine expression in HIV-1 encephalitis: roles for macrophage recruitment and neuroprotection in the central nervous system. <i>Journal of Immunology</i> , 2000 , 164, 1333-9	5.3	172
162	HIV-1 Tat induces neuronal death via tumor necrosis factor-alpha and activation of non-N-methyl-D-aspartate receptors by a NFkappaB-independent mechanism. <i>Journal of Biological Chemistry</i> , 1998 , 273, 17852-8	5.4	150
161	HIV-1 Tat-mediated activation of glycogen synthase kinase-3beta contributes to Tat-mediated neurotoxicity. <i>Journal of Neurochemistry</i> , 1999 , 73, 578-86	6	142
160	Congenital infections with human herpesvirus 6 (HHV6) and human herpesvirus 7 (HHV7). <i>Journal of Pediatrics</i> , 2004 , 145, 472-7	3.6	129
159	Human immunodeficiency virus type 1 pathobiology studied in humanized BALB/c-Rag2 ^{-/-} -gammac ^{-/-} mice. <i>Journal of Virology</i> , 2007 , 81, 2700-12	6.6	117
158	Neuroprotective activities of sodium valproate in a murine model of human immunodeficiency virus-1 encephalitis. <i>Journal of Neuroscience</i> , 2003 , 23, 9162-70	6.6	108
157	Human herpesvirus 6. <i>Clinical Infectious Diseases</i> , 2001 , 33, 829-33	11.6	106

156	Influenza A virus attenuation by codon deoptimization of the NS gene for vaccine development. <i>Journal of Virology</i> , 2014 , 88, 10525-40	6.6	105
155	Platelet-activating factor receptor activation. An initiator step in HIV-1 neuropathogenesis. <i>Journal of Biological Chemistry</i> , 1998 , 273, 17660-4	5.4	104
154	U94 of human herpesvirus 6 is expressed in latently infected peripheral blood mononuclear cells and blocks viral gene expression in transformed lymphocytes in culture. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 13911-6	11.5	96
153	HIV-1 Tat activates neuronal ryanodine receptors with rapid induction of the unfolded protein response and mitochondrial hyperpolarization. <i>PLoS ONE</i> , 2008 , 3, e3731	3.7	87
152	HIV-1 transactivator of transcription protein induces mitochondrial hyperpolarization and synaptic stress leading to apoptosis. <i>Journal of Immunology</i> , 2005 , 174, 4333-44	5.3	87
151	Tumor necrosis factor-alpha in normal and diseased brain: Conflicting effects via intraneuronal receptor crosstalk?. <i>Journal of NeuroVirology</i> , 2002 , 8, 611-24	3.9	86
150	Akt inhibitors as an HIV-1 infected macrophage-specific anti-viral therapy. <i>Retrovirology</i> , 2008 , 5, 11	3.6	82
149	Effects of zidovudine use during pregnancy on resistance and vertical transmission of human immunodeficiency virus type 1. <i>Clinical Infectious Diseases</i> , 1995 , 20, 1321-6	11.6	81
148	Characteristics and acquisition of human herpesvirus (HHV) 7 infections in relation to infection with HHV-6. <i>Journal of Infectious Diseases</i> , 2006 , 193, 1063-9	7	80
147	993. Combining Key Residues of the Russian and US Live-Attenuated Influenza Viruses for a More Attenuated Virus. <i>Open Forum Infectious Diseases</i> , 2018 , 5, S294-S295	1	78
146	Comprehensive proteomic analysis of influenza virus polymerase complex reveals a novel association with mitochondrial proteins and RNA polymerase accessory factors. <i>Journal of Virology</i> , 2011 , 85, 8569-81	6.6	77
145	Activation of glycogen synthase kinase 3 beta (GSK-3beta) by platelet activating factor mediates migration and cell death in cerebellar granule neurons. <i>European Journal of Neuroscience</i> , 2001 , 13, 1913-22	3.5	76
144	PA residues in the 2009 H1N1 pandemic influenza virus enhance avian influenza virus polymerase activity in mammalian cells. <i>Journal of Virology</i> , 2011 , 85, 7020-8	6.6	74
143	Functional synergy between CD40 ligand and HIV-1 Tat contributes to inflammation: implications in HIV type 1 dementia. <i>Journal of Immunology</i> , 2007 , 178, 3226-36	5.3	72
142	Neurotrophins prevent HIV Tat-induced neuronal apoptosis via a nuclear factor-kappaB (NF-kappaB)-dependent mechanism. <i>Journal of Neurochemistry</i> , 2001 , 78, 874-89	6	71
141	CD8+ cell depletion accelerates HIV-1 immunopathology in humanized mice. <i>Journal of Immunology</i> , 2010 , 184, 7082-91	5.3	70
140	Neuroprotective mechanisms of lithium in murine human immunodeficiency virus-1 encephalitis. <i>Journal of Neuroscience</i> , 2005 , 25, 8375-85	6.6	70
139	Lithium therapy for human immunodeficiency virus type 1-associated neurocognitive impairment. <i>Journal of NeuroVirology</i> , 2009 , 15, 176-86	3.9	67

138	Susceptibility of human glial cells to infection with human immunodeficiency virus (HIV). <i>FEBS Letters</i> , 1987 , 213, 138-43	3.8	64
137	Nanoparticle-mediated gene silencing confers radioprotection to salivary glands in vivo. <i>Molecular Therapy</i> , 2013 , 21, 1182-94	11.7	63
136	Human herpesvirus 6 (HHV6) DNA persistence and reactivation in healthy children. <i>Journal of Pediatrics</i> , 2004 , 145, 478-84	3.6	62
135	Opposite effects of lithium and valproic acid on trophic factor deprivation-induced glycogen synthase kinase-3 activation, c-Jun expression and neuronal cell death. <i>Neuropharmacology</i> , 2005 , 48, 576-83	5.5	59
134	Engineered fibronectin type III domain with a RGDWXE sequence binds with enhanced affinity and specificity to human alphavbeta3 integrin. <i>Journal of Molecular Biology</i> , 2003 , 326, 1475-88	6.5	59
133	HIV-1 Tat-induced microgliosis and synaptic damage via interactions between peripheral and central myeloid cells. <i>PLoS ONE</i> , 2011 , 6, e23915	3.7	56
132	Expression of human immunodeficiency virus type 1 gp120 from herpes simplex virus type 1-derived amplicons results in potent, specific, and durable cellular and humoral immune responses. <i>Journal of Virology</i> , 2002 , 76, 5565-80	6.6	55
131	Detection of human herpesvirus 6 by reverse transcription-PCR. <i>Journal of Clinical Microbiology</i> , 1999 , 37, 3672-5	9.7	54
130	Cellular localization of human herpesvirus-6 in the brains of children with AIDS encephalopathy. <i>Journal of NeuroVirology</i> , 1995 , 1, 30-9	3.9	50
129	The new small-molecule mixed-lineage kinase 3 inhibitor URM-099 is neuroprotective and anti-inflammatory in models of human immunodeficiency virus-associated neurocognitive disorders. <i>Journal of Neuroscience</i> , 2013 , 33, 9998-10010	6.6	49
128	Discovery, synthesis, and characterization of an orally bioavailable, brain penetrant inhibitor of mixed lineage kinase 3. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 8032-48	8.3	48
127	Amyloid-binding small molecules efficiently block SEVI (semen-derived enhancer of virus infection)- and semen-mediated enhancement of HIV-1 infection. <i>Journal of Biological Chemistry</i> , 2010 , 285, 35488-94	5.4	48
126	In vivo gene delivery and expression by bacteriophage lambda vectors. <i>Journal of Applied Microbiology</i> , 2007 , 102, 1337-49	4.7	48
125	Inhibition of mixed lineage kinase 3 prevents HIV-1 Tat-mediated neurotoxicity and monocyte activation. <i>Journal of Immunology</i> , 2006 , 177, 702-11	5.3	45
124	The human herpesvirus 6 G protein-coupled receptor homolog U51 positively regulates virus replication and enhances cell-cell fusion in vitro. <i>Journal of Virology</i> , 2005 , 79, 11914-24	6.6	45
123	Infection of human immunodeficiency virus and intracellular viral Tat protein exert a pro-survival effect in a human microglial cell line. <i>Journal of Molecular Biology</i> , 2007 , 366, 67-81	6.5	44
122	Leucine-rich repeat kinase 2 modulates neuroinflammation and neurotoxicity in models of human immunodeficiency virus 1-associated neurocognitive disorders. <i>Journal of Neuroscience</i> , 2015 , 35, 5271-83	6.6	42
121	Methamphetamine causes sustained depression in cerebral blood flow. <i>Brain Research</i> , 2011 , 1373, 91-100	10.9	42

120	Human immunodeficiency virus-encoded Tat activates glycogen synthase kinase-3beta to antagonize nuclear factor-kappaB survival pathway in neurons. <i>European Journal of Neuroscience</i> , 2006 , 23, 2623-34	3.5	41
119	Human dendritic cells transduced with herpes simplex virus amplicons encoding human immunodeficiency virus type 1 (HIV-1) gp120 elicit adaptive immune responses from human cells engrafted into NOD/SCID mice and confer partial protection against HIV-1 challenge. <i>Journal of Virology</i> , 2005 , 79, 2124-32	6.6	40
118	Neuroprotective activities of CEP-1347 in models of neuroAIDS. <i>Journal of Immunology</i> , 2010 , 184, 746-56	5.3	39
117	Seminal plasma accelerates semen-derived enhancer of viral infection (SEVI) fibril formation by the prostatic acid phosphatase (PAP248-286) peptide. <i>Journal of Biological Chemistry</i> , 2012 , 287, 11842-9	5.4	37
116	Glycogen synthase kinase 3 beta (GSK-3 beta) as a therapeutic target in neuroAIDS. <i>Journal of NeuroImmune Pharmacology</i> , 2007 , 2, 93-6	6.9	36
115	Functional interplay between nuclear factor-kappaB and c-Jun integrated by coactivator p300 determines the survival of nerve growth factor-dependent PC12 cells. <i>Journal of Neurochemistry</i> , 2000 , 74, 527-39	6	36
114	Functional identification and analysis of cis-acting sequences which mediate genome cleavage and packaging in human herpesvirus 6. <i>Journal of Virology</i> , 1998 , 72, 320-9	6.6	35
113	Effects of codon-optimization on protein expression by the human herpesvirus 6 and 7 U51 open reading frame. <i>Journal of Virological Methods</i> , 2003 , 111, 145-56	2.6	34
112	Neuropathogenesis of AIDS. <i>Trends in Molecular Medicine</i> , 1996 , 2, 16-23		34
111	Enhancement of HIV-1 infectivity by simple, self-assembling modular peptides. <i>Biophysical Journal</i> , 2011 , 100, 1325-34	2.9	33
110	Biochemical impact of the host adaptation-associated PB2 E627K mutation on the temperature-dependent RNA synthesis kinetics of influenza A virus polymerase complex. <i>Journal of Biological Chemistry</i> , 2011 , 286, 34504-13	5.4	32
109	Direct sequence analysis of human herpesvirus 6 (HHV-6) sequences from infants and comparison of HHV-6 sequences from mother/infant pairs. <i>Clinical Infectious Diseases</i> , 1995 , 21, 1017-9	11.6	32
108	Development of a mouse-adapted live attenuated influenza virus that permits in vivo analysis of enhancements to the safety of live attenuated influenza virus vaccine. <i>Journal of Virology</i> , 2015 , 89, 3421-6	6.6	31
107	Oligovalent amyloid-binding agents reduce SEVI-mediated enhancement of HIV-1 infection. <i>Journal of the American Chemical Society</i> , 2012 , 134, 905-8	16.4	31
106	9G4 autoreactivity is increased in HIV-infected patients and correlates with HIV broadly neutralizing serum activity. <i>PLoS ONE</i> , 2012 , 7, e35356	3.7	31
105	Induction of fas ligand expression by an acutely lethal simian immunodeficiency virus, SIVsmmPBj14. <i>Virology</i> , 1998 , 252, 354-63	3.6	31
104	Human papillomavirus-like particles mediate functional delivery of plasmid DNA to antigen presenting cells in vivo. <i>Vaccine</i> , 2007 , 25, 3270-6	4.1	31
103	Activation of nuclear factor kappa B in brains from children with HIV-1 encephalitis. <i>Neuropathology and Applied Neurobiology</i> , 1995 , 21, 518-28	5.2	31

102	Valproic acid enhances gene expression from viral gene transfer vectors. <i>Journal of Virological Methods</i> , 2005 , 125, 23-33	2.6	30
101	Expression of the T4 molecule (AIDS virus receptor) by human brain-derived cells. <i>FEBS Letters</i> , 1987 , 213, 133-7	3.8	29
100	HIV-1 Frameshift RNA-Targeted Triazoles Inhibit Propagation of Replication-Competent and Multi-Drug-Resistant HIV in Human Cells. <i>ACS Chemical Biology</i> , 2017 , 12, 1674-1682	4.9	28
99	Ganciclovir inhibits human adenovirus replication and pathogenicity in permissive immunosuppressed Syrian hamsters. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 7171-81	5.9	26
98	Mechanistic understanding of an altered fidelity simian immunodeficiency virus reverse transcriptase mutation, V148I, identified in a pig-tailed macaque. <i>Journal of Biological Chemistry</i> , 2003 , 278, 29913-24	5.4	26
97	Apoptosis correlates with immune activation in intestinal lymphoid tissue from macaques acutely infected by a highly enteropathic simian immunodeficiency virus, SIVsmmPBj14. <i>Virology</i> , 1996 , 225, 21-32	3.6	25
96	Establishment of human glial cell lines chronically infected with the human immunodeficiency virus. <i>Virology</i> , 1988 , 162, 151-9	3.6	25
95	Biochemical characterization of enzyme fidelity of influenza A virus RNA polymerase complex. <i>PLoS ONE</i> , 2010 , 5, e10372	3.7	25
94	Semen-derived enhancer of viral infection (SEVI) binds bacteria, enhances bacterial phagocytosis by macrophages, and can protect against vaginal infection by a sexually transmitted bacterial pathogen. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 2443-50	5.9	24
93	Murine cytomegalovirus abortively infects human dendritic cells, leading to expression and presentation of virally vectored genes. <i>Journal of Virology</i> , 2003 , 77, 7182-92	6.6	24
92	Antibodies to HTLV-III/LAV in Venezuelan patients with acute malarial infections. <i>New England Journal of Medicine</i> , 1986 , 314, 647-8	59.2	24
91	Testing for antibodies to AIDS-associated retrovirus (HTLV-III/LAV) by indirect fixed cell immunofluorescence: specificity, sensitivity, and applications. <i>Journal of Medical Virology</i> , 1986 , 19, 325-34	19.7	23
90	The human H5N1 influenza A virus polymerase complex is active in vitro over a broad range of temperatures, in contrast to the WSN complex, and this property can be attributed to the PB2 subunit. <i>Journal of General Virology</i> , 2008 , 89, 2923-2932	4.9	23
89	The tyrosine-17 residue of Nef in SIVsmmPBj14 is required for acute pathogenesis and contributes to replication in macrophages. <i>Virology</i> , 1998 , 244, 261-72	3.6	22
88	A tractable method for simultaneous modifications to the head and tail of bacteriophage lambda and its application to enhancing phage-mediated gene delivery. <i>Nucleic Acids Research</i> , 2007 , 35, e59	20.1	22
87	Proteasome blockers inhibit TNF-alpha release by lipopolysaccharide stimulated macrophages and microglia: implications for HIV-1 dementia. <i>Journal of Neuroimmunology</i> , 1999 , 95, 55-64	3.5	22
86	Neomycin Sulfate Improves the Antimicrobial Activity of Mupirocin-Based Antibacterial Ointments. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 862-72	5.9	21
85	Mathematical modeling of ultradeep sequencing data reveals that acute CD8+ T-lymphocyte responses exert strong selective pressure in simian immunodeficiency virus-infected macaques but still fail to clear founder epitope sequences. <i>Journal of Virology</i> , 2010 , 84, 5802-14	6.6	21

84	A simple method for displaying recalcitrant proteins on the surface of bacteriophage lambda. <i>Nucleic Acids Research</i> , 2005 , 33, e160	20.1	21
83	Dishevelled promotes neurite outgrowth in neuronal differentiating neuroblastoma 2A cells, via a DIX-domain dependent pathway. <i>Molecular Brain Research</i> , 2004 , 132, 38-50		21
82	Identification and analysis of a novel heparin-binding glycoprotein encoded by human herpesvirus 7. <i>Journal of Virology</i> , 2000 , 74, 4530-40	6.6	21
81	Recombinant adenovirus type 5 vectors that target DC-SIGN, ChemR23 and alpha(v)beta3 integrin efficiently transduce human dendritic cells and enhance presentation of vectored antigens. <i>Vaccine</i> , 2006 , 24, 671-82	4.1	20
80	Human herpesvirus type 6 and human herpesvirus type 7 infections of the central nervous system. <i>Herpes: the Journal of the IHMF</i> , 2004 , 11 Suppl 2, 105A-111A		20
79	Dense display of HIV-1 envelope spikes on the lambda phage scaffold does not result in the generation of improved antibody responses to HIV-1 Env. <i>Vaccine</i> , 2011 , 29, 2637-47	4.1	18
78	HIV-1-based defective lentiviral vectors efficiently transduce human monocytes-derived macrophages and suppress replication of wild-type HIV-1. <i>Journal of Gene Medicine</i> , 2006 , 8, 18-28	3.5	18
77	MLK3 regulates fMLP-stimulated neutrophil motility. <i>Molecular Immunology</i> , 2014 , 58, 214-22	4.3	17
76	Activation of adenosine A2A receptor protects sympathetic neurons against nerve growth factor withdrawal. <i>Journal of Neuroscience Research</i> , 2004 , 77, 258-69	4.4	17
75	Nanoparticles decorated with viral antigens are more immunogenic at low surface density. <i>Vaccine</i> , 2017 , 35, 774-781	4.1	16
74	SIVsmmPBj14 induces expression of a mucosal integrin on macaque lymphocytes. <i>Virology</i> , 1996 , 215, 97-100	3.6	16
73	Robust antigen-specific humoral immune responses to sublingually delivered adenoviral vectors encoding HIV-1 Env: association with mucoadhesion and efficient penetration of the sublingual barrier. <i>Vaccine</i> , 2011 , 29, 7080-9	4.1	15
72	Fc receptor-mediated, antibody-dependent enhancement of bacteriophage lambda-mediated gene transfer in mammalian cells. <i>Virology</i> , 2008 , 373, 274-86	3.6	15
71	Molecular clones from a non-acutely pathogenic derivative of SIVsmmPBj14: characterization and comparison to acutely pathogenic clones. <i>AIDS Research and Human Retroviruses</i> , 1992 , 8, 1179-87	1.6	15
70	Inhibition of the enhancement of infection of human immunodeficiency virus by semen-derived enhancer of virus infection using amyloid-targeting polymeric nanoparticles. <i>ACS Nano</i> , 2015 , 9, 1829-1836	16.7	14
69	Adenoviral vector driven by a minimal Rad51 promoter is selective for p53-deficient tumor cells. <i>PLoS ONE</i> , 2011 , 6, e28714	3.7	14
68	Spatial and temporal expression of herpes simplex virus type 1 amplicon-encoded genes: implications for their use as immunization vectors. <i>Human Gene Therapy</i> , 2007 , 18, 93-105	4.8	14
67	Zinc Pyrithione Improves the Antibacterial Activity of Silver Sulfadiazine Ointment. <i>MSphere</i> , 2016 , 1,	5	13

66	The mechanistic architecture of thermostable <i>Pyrococcus furiosus</i> family B DNA polymerase motif A and its interaction with the dNTP substrate. <i>Biochemistry</i> , 2009 , 48, 11161-8	3.2	13
65	Amplicons as vaccine vectors. <i>Current Gene Therapy</i> , 2006 , 6, 383-92	4.3	13
64	Cellular immune responses to helper-free HSV-1 amplicon particles encoding HIV-1 gp120 are enhanced by DNA priming. <i>Vaccine</i> , 2003 , 21, 2288-97	4.1	13
63	Platelets function as an acute viral reservoir during HIV-1 infection by harboring virus and T-cell complex formation. <i>Blood Advances</i> , 2020 , 4, 4512-4521	7.8	13
62	Cidofovir Diphosphate Inhibits Adenovirus 5 DNA Polymerase via both Nonobligate Chain Termination and Direct Inhibition, and Polymerase Mutations Confer Cidofovir Resistance on Intact Virus. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	13
61	Cellular mono(ADP-ribosyl) transferase inhibits protein synthesis. <i>FEBS Letters</i> , 1991 , 283, 235-8	3.8	12
60	Proteasome inhibitors enhance bacteriophage lambda (lambda) mediated gene transfer in mammalian cells. <i>Virology</i> , 2009 , 384, 77-87	3.6	11
59	Effect of promoter strength on protein expression and immunogenicity of an HSV-1 amplicon vector encoding HIV-1 Gag. <i>Vaccine</i> , 2007 , 25, 1634-46	4.1	11
58	A Single Mutation at PB1 Residue 319 Dramatically Increases the Safety of PR8 Live Attenuated Influenza Vaccine in a Murine Model without Compromising Vaccine Efficacy. <i>Journal of Virology</i> , 2015 , 90, 2702-5	6.6	10
57	Comparative Study of the Temperature Sensitive, Cold Adapted and Attenuated Mutations Present in the Master Donor Viruses of the Two Commercial Human Live Attenuated Influenza Vaccines. <i>Viruses</i> , 2019 , 11,	6.2	10
56	Fluorescence detection of cationic amyloid fibrils in human semen. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 5199-202	2.9	10
55	Dazed and confused by HHV-6. <i>Blood</i> , 2011 , 117, 5016-8	2.2	10
54	Lentiviral vector-mediated stable expression of sTNFR-Fc in human macrophage and neuronal cells as a potential therapy for neuroAIDS. <i>Journal of Neuroinflammation</i> , 2011 , 8, 48	10.1	10
53	Advances in HIV microbicide development. <i>Future Medicinal Chemistry</i> , 2011 , 3, 2101-16	4.1	10
52	Rebuilding synaptic architecture in HIV-1 associated neurocognitive disease: a therapeutic strategy based on modulation of mixed lineage kinase. <i>Neurotherapeutics</i> , 2010 , 7, 392-8	6.4	10
51	Enhanced transduction of dendritic cells by FcγRI-targeted adenovirus vectors. <i>Journal of Gene Medicine</i> , 2007 , 9, 1033-45	3.5	10
50	Immunohistochemical assessment of fractalkine, inflammatory cells, and human herpesvirus 7 in human salivary glands. <i>Journal of Histochemistry and Cytochemistry</i> , 2004 , 52, 671-81	3.4	10
49	Postinoculation PMPA treatment, but not preinoculation immunomodulatory therapy, protects against development of acute disease induced by the unique simian immunodeficiency virus SIVsmmPBj. <i>Journal of Virology</i> , 1999 , 73, 8630-9	6.6	10

48	Pharmacokinetic interactions of CEP-1347 and atazanavir in HIV-infected patients. <i>Journal of NeuroVirology</i> , 2013 , 19, 254-60	3.9	9
47	Transient overexpression of kappa and mu opioid receptors using recombinant adenovirus vectors. <i>Journal of Neuroscience Methods</i> , 2004 , 136, 133-9	3	9
46	Chronic central nervous system expression of HIV-1 Tat leads to accelerated rarefaction of neocortical capillaries and loss of red blood cell velocity heterogeneity. <i>Microcirculation</i> , 2014 , 21, 664-76	2.9	8
45	Transient hypercapnia reveals an underlying cerebrovascular pathology in a murine model for HIV-1 associated neuroinflammation: role of NO-cGMP signaling and normalization by inhibition of cyclic nucleotide phosphodiesterase-5. <i>Journal of Neuroinflammation</i> , 2012 , 9, 253	10.1	8
44	Anti-idiotypic monobodies derived from a fibronectin scaffold. <i>Biochemistry</i> , 2013 , 52, 1802-13	3.2	8
43	Expression of glial fibrillary acidic protein in human glioma cell lines as detected by molecular hybridization. <i>Acta Neuropathologica</i> , 1987 , 73, 383-6	14.3	8
42	False-positive enzyme-linked immunosorbent assay reactions for antibody to human immunodeficiency virus in a population of midwestern patients with congenital bleeding disorders. <i>Transfusion</i> , 1987 , 27, 112	2.9	8
41	Costimulatory pathways in lymphocyte proliferation induced by the simian immunodeficiency virus SIVsmmPBj14. <i>Journal of Virology</i> , 1998 , 72, 6155-8	6.6	8
40	Hydrophobic Nanoparticles Reduce the Sheet Content of SEVI Amyloid Fibrils and Inhibit SEVI-Enhanced HIV Infectivity. <i>Langmuir</i> , 2017 , 33, 2596-2602	4	7
39	Pharmacologic inhibition of MLK3 kinase activity blocks the in vitro migratory capacity of breast cancer cells but has no effect on breast cancer brain metastasis in a mouse xenograft model. <i>PLoS ONE</i> , 2014 , 9, e108487	3.7	7
38	Mixed Lineage Kinase 3 deficiency delays viral clearance in the lung and is associated with diminished influenza-induced cytopathic effect in infected cells. <i>Virology</i> , 2010 , 400, 224-32	3.6	7
37	Human herpesvirus 6. <i>Expert Reviews in Molecular Medicine</i> , 1997 , 1997, 1-17	6.7	7
36	HSV-1 amplicon vectors elicit polyfunctional T cell responses to HIV-1 Env, and strongly boost responses to an adenovirus prime. <i>Vaccine</i> , 2007 , 25, 7410-21	4.1	7
35	A peptide containing a novel FPGN CD40-binding sequence enhances adenoviral infection of murine and human dendritic cells. <i>FEBS Journal</i> , 2003 , 270, 2287-94		7
34	Adenovirus type 7 penton purification of soluble pentamers from Escherichia coli and development of an integrin-dependent gene delivery system. <i>FEBS Journal</i> , 2000 , 267, 6074-81		7
33	9G4+ antibodies isolated from HIV-infected patients neutralize HIV-1 and have distinct autoreactivity profiles. <i>PLoS ONE</i> , 2013 , 8, e85098	3.7	7
32	Pharmacologic profiling reveals lapatinib as a novel antiviral against SARS-CoV-2 in vitro		7
31	A Live Attenuated Influenza Vaccine Elicits Enhanced Heterologous Protection When the Internal Genes of the Vaccine Are Matched to Those of the Challenge Virus. <i>Journal of Virology</i> , 2020 , 94,	6.6	7

30	Building community for deaf scientists. <i>Science</i> , 2017 , 355, 255	33.3	6
29	Natural Seminal Amyloids as Targets for Development of Synthetic Inhibitors of HIV Transmission. <i>Accounts of Chemical Research</i> , 2017 , 50, 2159-2166	24.3	6
28	Ablation of mixed lineage kinase 3 (Mlk3) does not inhibit ototoxicity induced by acoustic trauma or aminoglycoside exposure. <i>Hearing Research</i> , 2010 , 270, 21-7	3.9	6
27	Detection of microregional hypoxia in mouse cerebral cortex by two-photon imaging of endogenous NADH fluorescence. <i>Journal of Visualized Experiments</i> , 2012 ,	1.6	6
26	Luciferase: a sensitive and quantitative probe for blood-brain barrier disruption. <i>Journal of Neuroscience Methods</i> , 1998 , 83, 159-64	3	6
25	Antibodies to acquired immune deficiency syndrome (AIDS)-associated virus (HTLV-III/LAV) in Venezuelan populations. <i>AIDS Research</i> , 1986 , 2, 79-92		6
24	Directional Histogram Ratio at Random Probes: A Local Thresholding Criterion for Capillary Images. <i>Pattern Recognition</i> , 2013 , 46, 1933-1948	7.7	5
23	Nef gene evolution from a single transmitted strain in acute SIV infection. <i>Retrovirology</i> , 2009 , 6, 57	3.6	5
22	Human herpesvirus 7. <i>Expert Reviews in Molecular Medicine</i> , 1997 , 1997, 1-10	6.7	5
21	Telomeric sequences from human herpesvirus 6 do not mediate nuclear retention of episomal DNA in human cells. <i>Archives of Virology</i> , 1998 , 143, 563-70	2.6	5
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