

Neil R Cashman

List of Publications by Year in Descending Order

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Version: 2024-04-09

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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.

157 papers	8,947 citations	44 h-index	92 g-index
175 ext. papers	10,038 ext. citations	7.3 avg, IF	5.73 L-index

#	Paper	IF	Citations
157	Sublethal enteroviral infection exacerbates disease progression in an ALS mouse model.. <i>Journal of Neuroinflammation</i> , 2022 , 19, 16	10.1	1
156	A method for systematically ranking therapeutic drug candidates using multiple uncertain screening criteria. <i>Statistical Methods in Medical Research</i> , 2021 , 30, 1502-1522	2.3	0
155	Tardive neurotoxicity of anticholinergic drugs: A review. <i>Journal of Neurochemistry</i> , 2021 , 158, 1334-1344	4.6	3
154	Development of an α -synuclein knockdown peptide and evaluation of its efficacy in Parkinson's disease models. <i>Communications Biology</i> , 2021 , 4, 232	6.7	5
153	Selective targeting of intracellular, misfolded, pathogenic TDP-43 with rationally designed intrabodies. <i>Alzheimer's and Dementia</i> , 2021 , 17,	1.2	1
152	Targeting of misfolded, pathogenic TDP-43 with rationally designed antibodies. <i>Alzheimer's and Dementia</i> , 2020 , 16, e045221	1.2	1
151	Amyotrophic Lateral Sclerosis: Proteins, Proteostasis, Prions, and Promises. <i>Frontiers in Cellular Neuroscience</i> , 2020 , 14, 581907	6.1	9
150	Molecular interactions between monoclonal oligomer-specific antibody 5E3 and its amyloid beta cognates. <i>PLoS ONE</i> , 2020 , 15, e0232266	3.7	0
149	TNF receptor-associated factor 6 interacts with ALS-linked misfolded superoxide dismutase 1 and promotes aggregation. <i>Journal of Biological Chemistry</i> , 2020 , 295, 3808-3825	5.4	7
148	Cerebrovascular amyloid Angiopathy in bioengineered vessels is reduced by high-density lipoprotein particles enriched in Apolipoprotein E. <i>Molecular Neurodegeneration</i> , 2020 , 15, 23	19	9
147	Purification and Structural Characterization of Aggregation-Prone Human TDP-43 Involved in Neurodegenerative Diseases. <i>iScience</i> , 2020 , 23, 101159	6.1	8
146	Tryptophan residue 32 in human Cu-Zn superoxide dismutase modulates prion-like propagation and strain selection. <i>PLoS ONE</i> , 2020 , 15, e0227655	3.7	9
145	Spatial Patterning of Tissue Volume Loss in Schizophrenia Reflects Brain Network Architecture. <i>Biological Psychiatry</i> , 2020 , 87, 727-735	7.9	28
144	Passive immunotherapies targeting A β and tau in Alzheimer's disease. <i>Neurobiology of Disease</i> , 2020 , 144, 105010	7.5	27
143	Selenium-based compounds: Emerging players in the ever-unfolding story of SOD1 in amyotrophic lateral sclerosis. <i>EBioMedicine</i> , 2020 , 59, 102997	8.8	0
142	Therapeutic targeting of the PI4K2A/PKR lysosome network is critical for misfolded protein clearance and survival in cancer cells. <i>Oncogene</i> , 2020 , 39, 801-813	9.2	7
141	A Longitudinal Study of the Neurologic Safety of Acute Baclofen Use After Spinal Cord Injury. <i>Neurotherapeutics</i> , 2019 , 16, 858-867	6.4	9

140	Emerging Developments in Targeting Proteotoxicity in Neurodegenerative Diseases. <i>CNS Drugs</i> , 2019 , 33, 883-904	6.7	14
139	A Rationally Designed Humanized Antibody Selective for Amyloid Beta Oligomers in Alzheimer's Disease. <i>Scientific Reports</i> , 2019 , 9, 9870	4.9	19
138	Therapeutic vaccines for amyotrophic lateral sclerosis directed against disease specific epitopes of superoxide dismutase 1. <i>Vaccine</i> , 2019 , 37, 4920-4927	4.1	15
137	Rapid myelin water imaging for the assessment of cervical spinal cord myelin damage. <i>NeuroImage: Clinical</i> , 2019 , 23, 101896	5.3	14
136	Prion-Like Propagation of Protein Misfolding and Aggregation in Amyotrophic Lateral Sclerosis. <i>Frontiers in Molecular Neuroscience</i> , 2019 , 12, 262	6.1	61
135	Prion disease risk uncertainties associated with urine-derived and recombinant fertility drugs. <i>International Journal of Risk Assessment and Management</i> , 2019 , 22, 109	0.9	
134	Tryptophan 32 mediates SOD1 toxicity in a in vivo motor neuron model of ALS and is a promising target for small molecule therapeutics. <i>Neurobiology of Disease</i> , 2019 , 124, 297-310	7.5	12
133	CHIMERA repetitive mild traumatic brain injury induces chronic behavioural and neuropathological phenotypes in wild-type and APP/PS1 mice. <i>Alzheimer's Research and Therapy</i> , 2019 , 11, 6	9	31
132	CNS-derived extracellular vesicles from superoxide dismutase 1 (SOD1) ALS mice originate from astrocytes and neurons and carry misfolded SOD1. <i>Journal of Biological Chemistry</i> , 2019 , 294, 3744-3759	5.4	59
131	Induction of Cu/Zn Superoxide Dismutase (SOD1) Aggregation in Living Cells. <i>Methods in Molecular Biology</i> , 2019 , 1873, 213-224	1.4	
130	A Rational Structured Epitope Defines a Distinct Subclass of Toxic Amyloid-beta Oligomers. <i>ACS Chemical Neuroscience</i> , 2018 , 9, 1591-1606	5.7	13
129	Enteroviral Infection: The Forgotten Link to Amyotrophic Lateral Sclerosis?. <i>Frontiers in Molecular Neuroscience</i> , 2018 , 11, 63	6.1	37
128	Investigation of Anti-SOD1 Antibodies Yields New Structural Insight into SOD1 Misfolding and Surprising Behavior of the Antibodies Themselves. <i>ACS Chemical Biology</i> , 2018 , 13, 2794-2807	4.9	15
127	A novel Gerstmann-Strüssler-Scheinker disease mutation defines a precursor for amyloidogenic 8 kDa PrP fragments and reveals N-terminal structural changes shared by other GSS alleles. <i>PLoS Pathogens</i> , 2018 , 14, e1006826	7.6	11
126	Prion-like mechanisms in amyotrophic lateral sclerosis. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2018 , 153, 337-354	3	24
125	Accelerated onset of chronic wasting disease in elk (<i>Cervus canadensis</i>) vaccinated with a PrP-specific vaccine and housed in a prion contaminated environment. <i>Vaccine</i> , 2018 , 36, 7737-7743	4.1	11
124	Misfolded SOD1 pathology in sporadic Amyotrophic Lateral Sclerosis. <i>Scientific Reports</i> , 2018 , 8, 14223	4.9	54
123	Prediction of Misfolding-Specific Epitopes in SOD1 Using Collective Coordinates. <i>Journal of Physical Chemistry B</i> , 2018 , 122, 11662-11676	3.4	12

122	Tryptophan β 2-mediated SOD1 aggregation is attenuated by pyrimidine-like compounds in living cells. <i>Scientific Reports</i> , 2018 , 8, 15590	4.9	19
121	A simple in vitro assay for assessing the efficacy, mechanisms and kinetics of anti-prion fibril compounds. <i>Prion</i> , 2018 , 12, 280-300	2.3	11
120	Identification of risk factors associated with onset and progression of amyotrophic lateral sclerosis using systematic review and meta-analysis. <i>NeuroToxicology</i> , 2017 , 61, 101-130	4.4	99
119	Determinants of neurological disease: Synthesis of systematic reviews. <i>NeuroToxicology</i> , 2017 , 61, 266-289	4.4	16
118	Clinical Spectrum of Amyotrophic Lateral Sclerosis (ALS). <i>Cold Spring Harbor Perspectives in Medicine</i> , 2017 , 7,	5.4	66
117	Induction of PrP-specific systemic and mucosal immune responses in white-tailed deer with an oral vaccine for chronic wasting disease. <i>Prion</i> , 2017 , 11, 368-380	2.3	9
116	Intercellular Prion-Like Conversion and Transmission of Cu/Zn Superoxide Dismutase (SOD1) in Cell Culture. <i>Methods in Molecular Biology</i> , 2017 , 1658, 357-367	1.4	1
115	Initial Structural Models of the A β 2 Dimer from Replica Exchange Molecular Dynamics Simulations. <i>ACS Omega</i> , 2017 , 2, 7621-7636	3.9	7
114	[P3182]: PROPAGATIVE TOXIC A β OLIGOMER SUBCLASS IDENTIFIED AND DEFINED BY SOLVENT ORIENTATION OF THE LYSINE 28 SIDE CHAIN 2017 , 13, P1003-P1004		
113	Challenges in managing the risks of chronic wasting disease. <i>International Journal of Global Environmental Issues</i> , 2017 , 16, 277	0.8	3
112	Spinal cord homogenates from SOD1 familial amyotrophic lateral sclerosis induce SOD1 aggregation in living cells. <i>PLoS ONE</i> , 2017 , 12, e0184384	3.7	22
111	Regulation of Amyloid β Oligomer Binding to Neurons and Neurotoxicity by the Prion Protein-mGluR5 Complex. <i>Journal of Biological Chemistry</i> , 2016 , 291, 21945-21955	5.4	40
110	Journal Club: Depression before and after diagnosis with amyotrophic lateral sclerosis. <i>Neurology</i> , 2016 , 87, e257-e259	6.5	1
109	Expert elicitation on the uncertainties associated with chronic wasting disease. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2016 , 79, 729-45	3.2	4
108	ALS-linked misfolded SOD1 species have divergent impacts on mitochondria. <i>Acta Neuropathologica Communications</i> , 2016 , 4, 43	7.3	37
107	Disease Mechanisms in ALS: Misfolded SOD1 Transferred Through Exosome-Dependent and Exosome-Independent Pathways. <i>Cellular and Molecular Neurobiology</i> , 2016 , 36, 377-81	4.6	60
106	The Paradoxical Signals of Two TrkC Receptor Isoforms Supports a Rationale for Novel Therapeutic Strategies in ALS. <i>PLoS ONE</i> , 2016 , 11, e0162307	3.7	9
105	TDP-43 or FUS-induced misfolded human wild-type SOD1 can propagate intercellularly in a prion-like fashion. <i>Scientific Reports</i> , 2016 , 6, 22155	4.9	41

104	P4-299: A Computational Method to Predict Disease-Specific Epitopes in A β and its Application to Oligomer-Selective Antibodies for Alzheimer's Immunotherapy 2016 , 12, P1148-P1148		1
103	Evidence for transmissibility of Alzheimer disease pathology: Cause for concern?. <i>Cmaj</i> , 2016 , 188, E210-E212	5.5	3
102	Five-Year Incidence of Amyotrophic Lateral Sclerosis in British Columbia (2010-2015). <i>Canadian Journal of Neurological Sciences</i> , 2016 , 43, 791-795	1	2
101	Walking the tightrope: proteostasis and neurodegenerative disease. <i>Journal of Neurochemistry</i> , 2016 , 137, 489-505	6	126
100	From molecule to molecule and cell to cell: prion-like mechanisms in amyotrophic lateral sclerosis. <i>Neurobiology of Disease</i> , 2015 , 77, 257-65	7.5	58
99	In vitro neutralization of prions with PrP(Sc)-specific antibodies. <i>Prion</i> , 2015 , 9, 292-303	2.3	5
98	Quantitative analysis and clinico-pathological correlations of different dipeptide repeat protein pathologies in C9ORF72 mutation carriers. <i>Acta Neuropathologica</i> , 2015 , 130, 845-61	14.3	155
97	SOD1 protein aggregates stimulate macropinocytosis in neurons to facilitate their propagation. <i>Molecular Neurodegeneration</i> , 2015 , 10, 57	19	53
96	O1-05-04: An amyloid-beta oligomer epitope specific for toxic assemblages in Alzheimer's disease 2015 , 11, P136-P137		1
95	Development of a multivalent, PrP(Sc)-specific prion vaccine through rational optimization of three disease-specific epitopes. <i>Vaccine</i> , 2014 , 32, 1988-97	4.1	18
94	Interpretation of cerebrospinal fluid protein tests in the diagnosis of sporadic Creutzfeldt-Jakob disease: an evidence-based approach. <i>Cmaj</i> , 2014 , 186, E333-9	3.5	4
93	Update on the provisional estimation of developing iatrogenic variant Creutzfeldt-Jakob disease from human islet cell transplantation procedures. <i>Transplantation</i> , 2014 , 97, e73-5	1.8	1
92	P4-286: SEPARATE DETECTION OF AGGREGATED AB40 AND AGGREGATED AB42 IN CSF FROM ALZHEIMER'S DISEASE PATIENTS USING THE AMORFIX EP-AD DIAGNOSTIC CSF TEST 2014 , 10, P889-P889		
91	Intermediate CAG repeat expansion in the ATXN2 gene is a unique genetic risk factor for ALS--a systematic review and meta-analysis of observational studies. <i>PLoS ONE</i> , 2014 , 9, e105534	3.7	21
90	Safety, specificity and immunogenicity of a PrP(Sc)-specific prion vaccine based on the YYR disease specific epitope. <i>Prion</i> , 2014 , 8, 51-9	2.3	9
89	Prion-like activity of Cu/Zn superoxide dismutase: implications for amyotrophic lateral sclerosis. <i>Prion</i> , 2014 , 8, 33-41	2.3	44
88	Intercellular propagated misfolding of wild-type Cu/Zn superoxide dismutase occurs via exosome-dependent and -independent mechanisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 3620-5	11.5	293
87	Exosome-dependent and independent mechanisms are involved in prion-like transmission of propagated Cu/Zn superoxide dismutase misfolding. <i>Prion</i> , 2014 , 8, 331-5	2.3	44

86	P2-397: MICE IMMUNIZED WITH CYCLIC-SER-ASN-LYS (CSNK) PEPTIDE GENERATE POLYCLONAL ANTIBODIES SELECTIVE FOR A β OLIGOMERS: A VACCINE STRATEGY FOR ALZHEIMER'S DISEASE 2014 , 10, P624-P624		1
85	A meta-analysis of observational studies of the association between chronic occupational exposure to lead and amyotrophic lateral sclerosis. <i>Journal of Occupational and Environmental Medicine</i> , 2014 , 56, 1235-42	2	41
84	Nanopore analysis reveals differences in structural stability of ovine PrP(C) proteins corresponding to scrapie susceptible (VRQ) and resistance (ARR) genotypes. <i>Prion</i> , 2013 , 7, 511-9	2.3	1
83	Binding of bovine T194A PrP(C) by PrP(Sc)-specific antibodies: potential implications for immunotherapy of familial prion diseases. <i>Prion</i> , 2013 , 7, 301-11	2.3	11
82	The prion protein modulates A-type K ⁺ currents mediated by Kv4.2 complexes through dipeptidyl aminopeptidase-like protein 6. <i>Journal of Biological Chemistry</i> , 2013 , 288, 37241-55	5.4	17
81	The prion protein ligand, stress-inducible phosphoprotein 1, regulates amyloid- β oligomer toxicity. <i>Journal of Neuroscience</i> , 2013 , 33, 16552-64	6.6	58
80	PrP(Sc)-specific antibodies do not induce prion disease or misfolding of PrP(C) in highly susceptible Tga20 mice. <i>Prion</i> , 2013 , 7, 434-9	2.3	7
79	Nanopore analysis of wild-type and mutant prion protein (PrP(C)): single molecule discrimination and PrP(C) kinetics. <i>PLoS ONE</i> , 2013 , 8, e54982	3.7	13
78	Clinical and pathological features of amyotrophic lateral sclerosis caused by mutation in the C9ORF72 gene on chromosome 9p. <i>Acta Neuropathologica</i> , 2012 , 123, 409-17	14.3	127
77	Aberrant localization of FUS and TDP43 is associated with misfolding of SOD1 in amyotrophic lateral sclerosis. <i>PLoS ONE</i> , 2012 , 7, e35050	3.7	128
76	Generalization of the prion hypothesis to other neurodegenerative diseases: an imperfect fit. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2011 , 74, 1433-59	3.2	53
75	Sterol regulatory element binding protein-1 (SREBP1) activation in motor neurons in excitotoxicity and amyotrophic lateral sclerosis (ALS): Indip, a potential therapeutic peptide. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 413, 159-63	3.4	12
74	Detection of prion protein in urine-derived injectable fertility products by a targeted proteomic approach. <i>PLoS ONE</i> , 2011 , 6, e17815	3.7	33
73	The prion protein binds thiamine. <i>FEBS Journal</i> , 2011 , 278, 4002-14	5.7	25
72	Differential expression of c-Ret in motor neurons versus non-neuronal cells is linked to the pathogenesis of ALS. <i>Laboratory Investigation</i> , 2011 , 91, 342-52	5.9	25
71	A theory for the anisotropic and inhomogeneous dielectric properties of proteins. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 6286-95	3.6	36
70	Toward a mechanism of prion misfolding and structural models of PrP(Sc): current knowledge and future directions. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2011 , 74, 154-60	3.2	12
69	Intermolecular transmission of superoxide dismutase 1 misfolding in living cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 16398-403	11.5	198

68	An overlapping reading frame in the PRNP gene encodes a novel polypeptide distinct from the prion protein. <i>FASEB Journal</i> , 2011 , 25, 2373-86	0.9	39
67	PrioNet Canada: a network of centres of excellence for research on prion diseases--ongoing and future research directions. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2011 , 74, 73-87	3.2	1
66	Prion disease susceptibility is affected by beta-structure folding propensity and local side-chain interactions in PrP. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 19808-13	11.5	102
65	Immunotherapy for prion diseases: opportunities and obstacles. <i>Immunotherapy</i> , 2010 , 2, 269-82	3.8	21
64	Design and delivery of a cryptic PrP(C) epitope for induction of PrP(Sc)-specific antibody responses. <i>Vaccine</i> , 2010 , 28, 981-8	4.1	24
63	Electrostatics in the stability and misfolding of the prion protein: salt bridges, self energy, and solvation. <i>Biochemistry and Cell Biology</i> , 2010 , 88, 371-81	3.6	29
62	Managing the risks of bovine spongiform encephalopathy: a Canadian perspective. <i>International Journal of Risk Assessment and Management</i> , 2010 , 14, 381	0.9	7
61	Fus gene mutations in familial and sporadic amyotrophic lateral sclerosis. <i>Muscle and Nerve</i> , 2010 , 42, 170-6	3.4	85
60	Immunological mimicry of PrPC-PrPSc interactions: antibody-induced PrP misfolding. <i>Protein Engineering, Design and Selection</i> , 2009 , 22, 523-9	1.9	21
59	Selective association of misfolded ALS-linked mutant SOD1 with the cytoplasmic face of mitochondria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 4022-7	11.5	206
58	Novel mutations in TARDBP (TDP-43) in patients with familial amyotrophic lateral sclerosis. <i>PLoS Genetics</i> , 2008 , 4, e1000193	6	339
57	An immunological epitope selective for pathological monomer-misfolded SOD1 in ALS. <i>Nature Medicine</i> , 2007 , 13, 754-9	50.5	184
56	Decreased cell surface prion protein in mouse models of prion disease. <i>NeuroReport</i> , 2007 , 18, 1-6	1.7	3
55	Species barriers for chronic wasting disease by in vitro conversion of prion protein. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 364, 796-800	3.4	19
54	Current and future molecular diagnostics for prion diseases. <i>Expert Review of Molecular Diagnostics</i> , 2006 , 6, 597-611	3.8	9
53	Progress in prion vaccines and immunotherapies. <i>Expert Opinion on Biological Therapy</i> , 2005 , 5, 97-110	5.4	2
52	Mitochondrial proteomic analysis of a cell line model of familial amyotrophic lateral sclerosis. <i>Molecular and Cellular Proteomics</i> , 2004 , 3, 1211-23	7.6	104
51	Monomeric Cu,Zn-superoxide dismutase is a common misfolding intermediate in the oxidation models of sporadic and familial amyotrophic lateral sclerosis. <i>Journal of Biological Chemistry</i> , 2004 , 279, 15499-504	5.4	263

50	Prion diseases--close to effective therapy?. <i>Nature Reviews Drug Discovery</i> , 2004 , 3, 874-84	64.1	102
49	Intrathecal B-cell clonal expansion, an early sign of humoral immunity, in the cerebrospinal fluid of patients with clinically isolated syndrome suggestive of multiple sclerosis. <i>Laboratory Investigation</i> , 2003 , 83, 1081-8	5.9	86
48	A prion protein epitope selective for the pathologically misfolded conformation. <i>Nature Medicine</i> , 2003 , 9, 893-9	50.5	233
47	Gabapentin therapy for amyotrophic lateral sclerosis: lack of improvement in neuronal integrity shown by MR spectroscopy. <i>American Journal of Neuroradiology</i> , 2003 , 24, 476-80	4.4	37
46	Induced adaptive resistance to oxidative stress in the CNS: a discussion on possible mechanisms and their therapeutic potential. <i>Current Drug Metabolism</i> , 2003 , 4, 171-84	3.5	17
45	Oxidation-induced misfolding and aggregation of superoxide dismutase and its implications for amyotrophic lateral sclerosis. <i>Journal of Biological Chemistry</i> , 2002 , 277, 47551-6	5.4	251
44	Acidic pH and detergents enhance in vitro conversion of human brain PrPC to a PrPSc-like form. <i>Journal of Biological Chemistry</i> , 2002 , 277, 43942-7	5.4	66
43	All or none fibrillogenesis of a prion peptide. <i>FEBS Journal</i> , 2001 , 268, 4885-91		8
42	GM2 ganglioside regulates the function of ciliary neurotrophic factor receptor in murine immortalized motor neuron-like cells (NSC-34). <i>Neurochemical Research</i> , 2001 , 26, 375-82	4.6	11
41	Deletion of the hypoxia-response element in the vascular endothelial growth factor promoter causes motor neuron degeneration. <i>Nature Genetics</i> , 2001 , 28, 131-8	36.3	848
40	Persistent infection of human oligodendrocytic and neuroglial cell lines by human coronavirus 229E. <i>Journal of Virology</i> , 1999 , 73, 3326-37	6.6	98
39	Kennedy's disease: caspase cleavage of the androgen receptor is a crucial event in cytotoxicity. <i>Journal of Neurochemistry</i> , 1999 , 72, 185-95	6	173
38	GM2 promotes ciliary neurotrophic factor-dependent rescue of immortalized motor neuron-like cell (NSC-34). <i>Neurochemical Research</i> , 1999 , 24, 281-6	4.6	6
37	Adaptive resistance to nitric oxide in motor neurons. <i>Free Radical Biology and Medicine</i> , 1999 , 26, 978-86	7.8	44
36	Beta-amyloid precursor protein is detectable on monocytes and is increased in Alzheimer's disease. <i>Neurobiology of Aging</i> , 1999 , 20, 249-57	5.6	29
35	Processing of the beta-amyloid precursor protein in ex vivo human brain cells. <i>NeuroReport</i> , 1999 , 10, 3875-9	1.7	8
34	Acute and persistent infection of human neural cell lines by human coronavirus OC43. <i>Journal of Virology</i> , 1999 , 73, 3338-50	6.6	131
33	Recovery of N-acetylaspartate in corticomotor neurons of patients with ALS after riluzole therapy. <i>NeuroReport</i> , 1998 , 9, 1757-61	1.7	165

32	Involvement of aminopeptidase N (CD13) in infection of human neural cells by human coronavirus 229E. <i>Journal of Virology</i> , 1998 , 72, 6511-9	6.6	39
31	Pathophysiology and diagnosis of post-polio syndrome. <i>NeuroRehabilitation</i> , 1997 , 8, 83-92	2	10
30	Lymphocyte content of amyloid precursor protein is increased in Down's syndrome and aging. <i>Neurobiology of Aging</i> , 1997 , 18, 97-103	5.6	29
29	Electroclinical and pathological studies after parenteral administration of domoic acid in freely moving nonanesthetized rats: An animal model of excitotoxicity. <i>Journal of Epilepsy</i> , 1996 , 9, 87-93		17
28	Alzheimer's beta-amyloid precursor protein is expressed on the surface of immediately ex vivo brain cells: a flow cytometric study. <i>Journal of Neuroscience Research</i> , 1996 , 46, 336-48	4.4	35
27	Multiple sclerosis: Fas signaling in oligodendrocyte cell death. <i>Journal of Experimental Medicine</i> , 1996 , 184, 2361-70	16.6	331
26	Immunological findings in amyotrophic lateral sclerosis. <i>Seminars in Immunopathology</i> , 1995 , 17, 17-28		3
25	Binding and internalization of neurotensin in hybrid cells derived from septal cholinergic neurons. <i>Synapse</i> , 1995 , 20, 106-16	2.4	16
24	Polymerase chain reaction quantification of lymphoid amyloid precursor protein mRNAs in Alzheimer's disease and Down's syndrome. <i>Neuroscience Letters</i> , 1995 , 193, 137-9	3.3	11
23	Ganglioside characterization of a cell line displaying motor neuron-like phenotype: GM2 as a possible major ganglioside in motor neurons. <i>Journal of the Neurological Sciences</i> , 1995 , 131, 111-8	3.2	30
22	Antibody titer to the poliovirus in blood and cerebrospinal fluid of patients with post-polio syndrome. <i>Annals of the New York Academy of Sciences</i> , 1995 , 753, 201-7	6.5	12
21	Anticholinesterases in post-poliomyelitis syndrome. <i>Annals of the New York Academy of Sciences</i> , 1995 , 753, 285-95	6.5	6
20	An open trial of pyridostigmine in post-poliomyelitis syndrome. <i>Canadian Journal of Neurological Sciences</i> , 1995 , 22, 223-7	1	25
19	Temporal lobe epilepsy caused by domoic acid intoxication: evidence for glutamate receptor-mediated excitotoxicity in humans. <i>Annals of Neurology</i> , 1995 , 37, 123-6	9.4	196
18	A human glial hybrid cell line differentially expressing genes subserving oligodendrocyte and astrocyte phenotype. <i>Journal of Neurobiology</i> , 1995 , 26, 283-93		89
17	Amyloid precursor protein gene expression in neural cell lines: influence of DNA cytosine methylation. <i>Molecular Brain Research</i> , 1994 , 24, 140-4		23
16	Stimulation frequency-dependent neuromuscular junction transmission defects in patients with prior poliomyelitis. <i>Journal of the Neurological Sciences</i> , 1993 , 118, 150-7	3.2	24
15	Anticholinesterase-responsive neuromuscular junction transmission defects in post-poliomyelitis fatigue. <i>Journal of the Neurological Sciences</i> , 1993 , 114, 170-7	3.2	39

14	Binding and internalization of neurotensin in hybrid cells derived from septal cholinergic neurons. <i>Annals of the New York Academy of Sciences</i> , 1992 , 668, 345-7	6.5	6
13	Neuroblastoma x spinal cord (NSC) hybrid cell lines resemble developing motor neurons. <i>Developmental Dynamics</i> , 1992 , 194, 209-21	2.9	533
12	Human retrovirus and multiple sclerosis. <i>Mayo Clinic Proceedings</i> , 1991 , 66, 752-5	6.4	8
11	DNA cytosine methylation in brain of patients with Alzheimer's disease. <i>Annals of Neurology</i> , 1990 , 28, 91-4	9.4	14
10	Cellular isoform of the scrapie agent protein participates in lymphocyte activation. <i>Cell</i> , 1990 , 61, 185-92	56.2	277
9	Neurologic sequelae of domoic acid intoxication due to the ingestion of contaminated mussels. <i>New England Journal of Medicine</i> , 1990 , 322, 1781-7	59.2	474
8	Characterization of lymphoid cells isolated from human gliomas. <i>Journal of Neurosurgery</i> , 1989 , 71, 528-33	33	25
7	Increased N-myc mRNA expression associated with dibutyl cyclic AMP induced neuroblastoma differentiation. <i>Journal of Neurogenetics</i> , 1989 , 6, 75-86	1.6	5
6	Late denervation in patients with antecedent paralytic poliomyelitis. <i>New England Journal of Medicine</i> , 1987 , 317, 7-12	59.2	153
5	Intrathecal interferon in subacute sclerosing panencephalitis. <i>Annals of Neurology</i> , 1986 , 19, 303-5	9.4	23
4	N-acetyl-beta-hexosaminidase B deficiency in cultured fibroblasts from a patient with progressive motor neuron disease. <i>Biochemical and Biophysical Research Communications</i> , 1985 , 130, 1185-92	3.4	15
3	Inhibition of terminal axonal sprouting by serum from patients with amyotrophic lateral sclerosis. <i>New England Journal of Medicine</i> , 1984 , 311, 933-9	59.2	77
2	Spatial patterning of tissue volume loss in schizophrenia reflects brain network architecture		2
1	TNF receptor associated factor 6 interacts with ALS-linked misfolded superoxide dismutase 1 and promotes aggregation		1