Neil R Cashman

List of Publications by Citations

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	Deletion of the hypoxia-response element in the vascular endothelial growth factor promoter causes motor neuron degeneration. *Nature Genetics*, **2001**, 28, 131-8	36.3	848
156	Neuroblastoma x spinal cord (NSC) hybrid cell lines resemble developing motor neurons. *Developmental Dynamics*, **1992**, 194, 209-21	2.9	533
155	Neurologic sequelae of domoic acid intoxication due to the ingestion of contaminated mussels. *New England Journal of Medicine*, **1990**, 322, 1781-7	59.2	474
154	Novel mutations in TARDBP (TDP-43) in patients with familial amyotrophic lateral sclerosis. *PLoS Genetics*, **2008**, 4, e1000193	6	339
153	Multiple sclerosis: Fas signaling in oligodendrocyte cell death. *Journal of Experimental Medicine*, **1996**, 184, 2361-70	16.6	331
152	Intercellular propagated misfolding of wild-type Cu/Zn superoxide dismutase occurs via exosome-dependent and -independent mechanisms. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 3620-5	11.5	293
151	Cellular isoform of the scrapie agent protein participates in lymphocyte activation. *Cell*, **1990**, 61, 185-92	56.2	277
150	Monomeric Cu,Zn-superoxide dismutase is a common misfolding intermediate in the oxidation models of sporadic and familial amyotrophic lateral sclerosis. *Journal of Biological Chemistry*, **2004**, 279, 15499-504	5.4	263
149	Oxidation-induced misfolding and aggregation of superoxide dismutase and its implications for amyotrophic lateral sclerosis. *Journal of Biological Chemistry*, **2002**, 277, 47551-6	5.4	251
148	A prion protein epitope selective for the pathologically misfolded conformation. *Nature Medicine*, **2003**, 9, 893-9	50.5	233
147	Selective association of misfolded ALS-linked mutant SOD1 with the cytoplasmic face of mitochondria. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 4022-7	11.5	206
146	Intermolecular transmission of superoxide dismutase 1 misfolding in living cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 16398-403	11.5	198
145	Temporal lobe epilepsy caused by domoic acid intoxication: evidence for glutamate receptor-mediated excitotoxicity in humans. *Annals of Neurology*, **1995**, 37, 123-6	9.4	196
144	An immunological epitope selective for pathological monomer-misfolded SOD1 in ALS. *Nature Medicine*, **2007**, 13, 754-9	50.5	184
143	Kennedy's disease: caspase cleavage of the androgen receptor is a crucial event in cytotoxicity. *Journal of Neurochemistry*, **1999**, 72, 185-95	6	173
142	Recovery of N-acetylaspartate in corticomotor neurons of patients with ALS after riluzole therapy. *NeuroReport*, **1998**, 9, 1757-61	1.7	165
141	Quantitative analysis and clinico-pathological correlations of different dipeptide repeat protein pathologies in C9ORF72 mutation carriers. *Acta Neuropathologica*, **2015**, 130, 845-61	14.3	155

140	Late denervation in patients with antecedent paralytic poliomyelitis. *New England Journal of Medicine*, **1987**, 317, 7-12	59.2	153
139	Acute and persistent infection of human neural cell lines by human coronavirus OC43. *Journal of Virology*, **1999**, 73, 3338-50	6.6	131
138	Aberrant localization of FUS and TDP43 is associated with misfolding of SOD1 in amyotrophic lateral sclerosis. *PLoS ONE*, **2012**, 7, e35050	3.7	128
137	Clinical and pathological features of amyotrophic lateral sclerosis caused by mutation in the C9ORF72 gene on chromosome 9p. *Acta Neuropathologica*, **2012**, 123, 409-17	14.3	127
136	Walking the tightrope: proteostasis and neurodegenerative disease. *Journal of Neurochemistry*, **2016**, 137, 489-505	6	126
135	Mitochondrial proteomic analysis of a cell line model of familial amyotrophic lateral sclerosis. *Molecular and Cellular Proteomics*, **2004**, 3, 1211-23	7.6	104
134	Prion disease susceptibility is affected by beta-structure folding propensity and local side-chain interactions in PrP. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 19808-13	11.5	102
133	Prion diseases--close to effective therapy?. *Nature Reviews Drug Discovery*, **2004**, 3, 874-84	64.1	102
132	Identification of risk factors associated with onset and progression of amyotrophic lateral sclerosis using systematic review and meta-analysis. *NeuroToxicology*, **2017**, 61, 101-130	4.4	99
131	Persistent infection of human oligodendrocytic and neuroglial cell lines by human coronavirus 229E. *Journal of Virology*, **1999**, 73, 3326-37	6.6	98
130	A human glial hybrid cell line differentially expressing genes subserving oligodendrocyte and astrocyte phenotype. *Journal of Neurobiology*, **1995**, 26, 283-93		89
129	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. *Laboratory Investigation*, **2003**, 83, 1081-8	5.9	86
128	Fus gene mutations in familial and sporadic amyotrophic lateral sclerosis. *Muscle and Nerve*, **2010**, 42, 170-6	3.4	85
127	Inhibition of terminal axonal sprouting by serum from patients with amyotrophic lateral sclerosis. *New England Journal of Medicine*, **1984**, 311, 933-9	59.2	77
126	Clinical Spectrum of Amyotrophic Lateral Sclerosis (ALS). *Cold Spring Harbor Perspectives in Medicine* , **2017**, 7,	5.4	66
125	Acidic pH and detergents enhance in vitro conversion of human brain PrPC to a PrPSc-like form. *Journal of Biological Chemistry*, **2002**, 277, 43942-7	5.4	66
124	Prion-Like Propagation of Protein Misfolding and Aggregation in Amyotrophic Lateral Sclerosis. *Frontiers in Molecular Neuroscience*, **2019**, 12, 262	6.1	61
123	Disease Mechanisms in ALS: Misfolded SOD1 Transferred Through Exosome-Dependent and Exosome-Independent Pathways. *Cellular and Molecular Neurobiology*, **2016**, 36, 377-81	4.6	60

122	CNS-derived extracellular vesicles from superoxide dismutase 1 (SOD1) ALS mice originate from astrocytes and neurons and carry misfolded SOD1. *Journal of Biological Chemistry*, **2019**, 294, 3744-3759	5.4	59
121	From molecule to molecule and cell to cell: prion-like mechanisms in amyotrophic lateral sclerosis. *Neurobiology of Disease*, **2015**, 77, 257-65	7.5	58
120	The prion protein ligand, stress-inducible phosphoprotein 1, regulates amyloid-β oligomer toxicity. *Journal of Neuroscience*, **2013**, 33, 16552-64	6.6	58
119	Misfolded SOD1 pathology in sporadic Amyotrophic Lateral Sclerosis. *Scientific Reports*, **2018**, 8, 14223	4.9	54
118	SOD1 protein aggregates stimulate macropinocytosis in neurons to facilitate their propagation. *Molecular Neurodegeneration*, **2015**, 10, 57	19	53
117	Generalization of the prion hypothesis to other neurodegenerative diseases: an imperfect fit. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2011**, 74, 1433-59	3.2	53
116	Prion-like activity of Cu/Zn superoxide dismutase: implications for amyotrophic lateral sclerosis. *Prion*, **2014**, 8, 33-41	2.3	44
115	Exosome-dependent and independent mechanisms are involved in prion-like transmission of propagated Cu/Zn superoxide dismutase misfolding. *Prion*, **2014**, 8, 331-5	2.3	44
114	Adaptive resistance to nitric oxide in motor neurons. *Free Radical Biology and Medicine*, **1999**, 26, 978-86	7.8	44
113	A meta-analysis of observational studies of the association between chronic occupational exposure to lead and amyotrophic lateral sclerosis. *Journal of Occupational and Environmental Medicine*, **2014**, 56, 1235-42	2	41
112	TDP-43 or FUS-induced misfolded human wild-type SOD1 can propagate intercellularly in a prion-like fashion. *Scientific Reports*, **2016**, 6, 22155	4.9	41
111	Regulation of Amyloid β Oligomer Binding to Neurons and Neurotoxicity by the Prion Protein-mGluR5 Complex. *Journal of Biological Chemistry*, **2016**, 291, 21945-21955	5.4	40
110	An overlapping reading frame in the PRNP gene encodes a novel polypeptide distinct from the prion protein. *FASEB Journal*, **2011**, 25, 2373-86	0.9	39
109	Anticholinesterase-responsive neuromuscular junction transmission defects in post-poliomyelitis fatigue. *Journal of the Neurological Sciences*, **1993**, 114, 170-7	3.2	39
108	Involvement of aminopeptidase N (CD13) in infection of human neural cells by human coronavirus 229E. *Journal of Virology*, **1998**, 72, 6511-9	6.6	39
107	ALS-linked misfolded SOD1 species have divergent impacts on mitochondria. *Acta Neuropathologica Communications*, **2016**, 4, 43	7.3	37
106	Enteroviral Infection: The Forgotten Link to Amyotrophic Lateral Sclerosis?. *Frontiers in Molecular Neuroscience*, **2018**, 11, 63	6.1	37
105	Gabapentin therapy for amyotrophic lateral sclerosis: lack of improvement in neuronal integrity shown by MR spectroscopy. *American Journal of Neuroradiology*, **2003**, 24, 476-80	4.4	37

104	A theory for the anisotropic and inhomogeneous dielectric properties of proteins. *Physical Chemistry Chemical Physics*, **2011**, 13, 6286-95	3.6	36
103	Alzheimer's beta-amyloid precursor protein is expressed on the surface of immediately ex vivo brain cells: a flow cytometric study. *Journal of Neuroscience Research*, **1996**, 46, 336-48	4.4	35
102	Detection of prion protein in urine-derived injectable fertility products by a targeted proteomic approach. *PLoS ONE*, **2011**, 6, e17815	3.7	33
101	CHIMERA repetitive mild traumatic brain injury induces chronic behavioural and neuropathological phenotypes in wild-type and APP/PS1 mice. *Alzheimerjs Research and Therapy*, **2019**, 11, 6	9	31
100	Ganglioside characterization of a cell line displaying motor neuron-like phenotype: GM2 as a possible major ganglioside in motor neurons. *Journal of the Neurological Sciences*, **1995**, 131, 111-8	3.2	30
99	Electrostatics in the stability and misfolding of the prion protein: salt bridges, self energy, and solvation. *Biochemistry and Cell Biology*, **2010**, 88, 371-81	3.6	29
98	Lymphocyte content of amyloid precursor protein is increased in Down's syndrome and aging. *Neurobiology of Aging*, **1997**, 18, 97-103	5.6	29
97	Beta-amyloid precursor protein is detectable on monocytes and is increased in Alzheimer's disease. *Neurobiology of Aging*, **1999**, 20, 249-57	5.6	29
96	Spatial Patterning of Tissue Volume Loss in Schizophrenia Reflects Brain Network Architecture. *Biological Psychiatry*, **2020**, 87, 727-735	7.9	28
95	Passive immunotherapies targeting A and tau in Alzheimer's disease. *Neurobiology of Disease*, **2020**, 144, 105010	7.5	27
94	The prion protein binds thiamine. *FEBS Journal*, **2011**, 278, 4002-14	5.7	25
93	Differential expression of c-Ret in motor neurons versus non-neuronal cells is linked to the pathogenesis of ALS. *Laboratory Investigation*, **2011**, 91, 342-52	5.9	25
92	An open trial of pyridostigmine in post-poliomyelitis syndrome. *Canadian Journal of Neurological Sciences*, **1995**, 22, 223-7	1	25
91	Characterization of lymphoid cells isolated from human gliomas. *Journal of Neurosurgery*, **1989**, 71, 528-33	5.2	25
90	Prion-like mechanisms in amyotrophic lateral sclerosis. *Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn*, **2018**, 153, 337-354	3	24
89	Design and delivery of a cryptic PrP(C) epitope for induction of PrP(Sc)-specific antibody responses. *Vaccine*, **2010**, 28, 981-8	4.1	24
88	Stimulation frequency-dependent neuromuscular junction transmission defects in patients with prior poliomyelitis. *Journal of the Neurological Sciences*, **1993**, 118, 150-7	3.2	24
87	Amyloid precursor protein gene expression in neural cell lines: influence of DNA cytosine methylation. *Molecular Brain Research*, **1994**, 24, 140-4		23

86	Intrathecal interferon in subacute sclerosing panencephalitis. *Annals of Neurology*, **1986**, 19, 303-5	9.4	23
85	Spinal cord homogenates from SOD1 familial amyotrophic lateral sclerosis induce SOD1 aggregation in living cells. *PLoS ONE*, **2017**, 12, e0184384	3.7	22
84	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. *PLoS ONE*, **2014**, 9, e105534	3.7	21
83	Immunotherapy for prion diseases: opportunities and obstacles. *Immunotherapy*, **2010**, 2, 269-82	3.8	21
82	Immunological mimicry of PrPC-PrPSc interactions: antibody-induced PrP misfolding. *Protein Engineering, Design and Selection*, **2009**, 22, 523-9	1.9	21
81	A Rationally Designed Humanized Antibody Selective for Amyloid Beta Oligomers in Alzheimer's Disease. *Scientific Reports*, **2019**, 9, 9870	4.9	19
80	Species barriers for chronic wasting disease by in vitro conversion of prion protein. *Biochemical and Biophysical Research Communications*, **2007**, 364, 796-800	3.4	19
79	Tryptophan□2-mediated SOD1 aggregation is attenuated by pyrimidine-like compounds in living cells. *Scientific Reports*, **2018**, 8, 15590	4.9	19
78	Development of a multivalent, PrP(Sc)-specific prion vaccine through rational optimization of three disease-specific epitopes. *Vaccine*, **2014**, 32, 1988-97	4.1	18
77	The prion protein modulates A-type K+ currents mediated by Kv4.2 complexes through dipeptidyl aminopeptidase-like protein 6. *Journal of Biological Chemistry*, **2013**, 288, 37241-55	5.4	17
76	Electroclinical and pathological studies after parenteral administration of domoic acid in freely moving nonanesthetized rats: An animal model of excitotoxicity. *Journal of Epilepsy*, **1996**, 9, 87-93		17
75	Induced adaptive resistance to oxidative stress in the CNS: a discussion on possible mechanisms and their therapeutic potential. *Current Drug Metabolism*, **2003**, 4, 171-84	3.5	17
74	Determinants of neurological disease: Synthesis of systematic reviews. *NeuroToxicology*, **2017**, 61, 266-289	4.4	16
73	Binding and internalization of neurotensin in hybrid cells derived from septal cholinergic neurons. *Synapse*, **1995**, 20, 106-16	2.4	16
72	Investigation of Anti-SOD1 Antibodies Yields New Structural Insight into SOD1 Misfolding and Surprising Behavior of the Antibodies Themselves. *ACS Chemical Biology*, **2018**, 13, 2794-2807	4.9	15
71	Therapeutic vaccines for amyotrophic lateral sclerosis directed against disease specific epitopes of superoxide dismutase 1. *Vaccine*, **2019**, 37, 4920-4927	4.1	15
70	N-acetyl-beta-hexosaminidase B deficiency in cultured fibroblasts from a patient with progressive motor neuron disease. *Biochemical and Biophysical Research Communications*, **1985**, 130, 1185-92	3.4	15
69	Emerging Developments in Targeting Proteotoxicity in Neurodegenerative Diseases. *CNS Drugs*, **2019**, 33, 883-904	6.7	14

68	Rapid myelin water imaging for the assessment of cervical spinal cord myelin damage. *NeuroImage: Clinical*, **2019**, 23, 101896	5.3	14
67	DNA cytosine methylation in brain of patients with Alzheimer's disease. *Annals of Neurology*, **1990**, 28, 91-4	9.4	14
66	A Rational Structured Epitope Defines a Distinct Subclass of Toxic Amyloid-beta Oligomers. *ACS Chemical Neuroscience*, **2018**, 9, 1591-1606	5.7	13
65	Nanopore analysis of wild-type and mutant prion protein (PrP(C)): single molecule discrimination and PrP(C) kinetics. *PLoS ONE*, **2013**, 8, e54982	3.7	13
64	Sterol regulatory element binding protein-1 (SREBP1) activation in motor neurons in excitotoxicity and amyotrophic lateral sclerosis (ALS): Indip, a potential therapeutic peptide. *Biochemical and Biophysical Research Communications*, **2011**, 413, 159-63	3.4	12
63	Toward a mechanism of prion misfolding and structural models of PrP(Sc): current knowledge and future directions. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2011**, 74, 154-60	2.2	12
62	Antibody titer to the poliovirus in blood and cerebrospinal fluid of patients with post-polio syndrome. *Annals of the New York Academy of Sciences*, **1995**, 753, 201-7	6.5	12
61	Tryptophan 32 mediates SOD1 toxicity in a in vivo motor neuron model of ALS and is a promising target for small molecule therapeutics. *Neurobiology of Disease*, **2019**, 124, 297-310	7.5	12
60	Prediction of Misfolding-Specific Epitopes in SOD1 Using Collective Coordinates. *Journal of Physical Chemistry B*, **2018**, 122, 11662-11676	3.4	12
59	A novel Gerstmann-Str□ssler-Scheinker disease mutation defines a precursor for amyloidogenic 8 kDa PrP fragments and reveals N-terminal structural changes shared by other GSS alleles. *PLoS Pathogens*, **2018**, 14, e1006826	7.6	11
58	Binding of bovine T194A PrP(C) by PrP(Sc)-specific antibodies: potential implications for immunotherapy of familial prion diseases. *Prion*, **2013**, 7, 301-11	2.3	11
57	GM2 ganglioside regulates the function of ciliary neurotrophic factor receptor in murine immortalized motor neuron-like cells (NSC-34). *Neurochemical Research*, **2001**, 26, 375-82	4.6	11
56	Polymerase chain reaction quantification of lymphoid amyloid precursor protein mRNAs in Alzheimer's disease and Down's syndrome. *Neuroscience Letters*, **1995**, 193, 137-9	3.3	11
55	Accelerated onset of chronic wasting disease in elk (Cervus canadensis) vaccinated with a PrP-specific vaccine and housed in a prion contaminated environment. *Vaccine*, **2018**, 36, 7737-7743	4.1	11
54	A simple in vitro assay for assessing the efficacy, mechanisms and kinetics of anti-prion fibril compounds. *Prion*, **2018**, 12, 280-300	2.3	11
53	Pathophysiology and diagnosis of post-polio syndrome. *NeuroRehabilitation*, **1997**, 8, 83-92	2	10
52	Induction of PrP-specific systemic and mucosal immune responses in white-tailed deer with an oral vaccine for chronic wasting disease. *Prion*, **2017**, 11, 368-380	2.3	9
51	A Longitudinal Study of the Neurologic Safety of Acute Baclofen Use After Spinal Cord Injury. *Neurotherapeutics*, **2019**, 16, 858-867	6.4	9

50	Amyotrophic Lateral Sclerosis: Proteins, Proteostasis, Prions, and Promises. *Frontiers in Cellular Neuroscience*, **2020**, 14, 581907	6.1	9
49	Cerebrovascular amyloid Angiopathy in bioengineered vessels is reduced by high-density lipoprotein particles enriched in Apolipoprotein E. *Molecular Neurodegeneration*, **2020**, 15, 23	19	9
48	Tryptophan residue 32 in human Cu-Zn superoxide dismutase modulates prion-like propagation and strain selection. *PLoS ONE*, **2020**, 15, e0227655	3.7	9
47	Safety, specificity and immunogenicity of a PrP(Sc)-specific prion vaccine based on the YYR disease specific epitope. *Prion*, **2014**, 8, 51-9	2.3	9
46	Current and future molecular diagnostics for prion diseases. *Expert Review of Molecular Diagnostics*, **2006**, 6, 597-611	3.8	9
45	The Paradoxical Signals of Two TrkC Receptor Isoforms Supports a Rationale for Novel Therapeutic Strategies in ALS. *PLoS ONE*, **2016**, 11, e0162307	3.7	9
44	Purification and Structural Characterization of Aggregation-Prone Human TDP-43 Involved in Neurodegenerative Diseases. *IScience*, **2020**, 23, 101159	6.1	8
43	All or none fibrillogenesis of a prion peptide. *FEBS Journal*, **2001**, 268, 4885-91		8
42	Processing of the beta-amyloid precursor protein in ex vivo human brain cells. *NeuroReport*, **1999**, 10, 3875-9	1.7	8
41	Human retrovirus and multiple sclerosis. *Mayo Clinic Proceedings*, **1991**, 66, 752-5	6.4	8
40	TNF receptor-associated factor 6 interacts with ALS-linked misfolded superoxide dismutase 1 and promotes aggregation. *Journal of Biological Chemistry*, **2020**, 295, 3808-3825	5.4	7
39	Initial Structural Models of the A□2 Dimer from Replica Exchange Molecular Dynamics Simulations. *ACS Omega*, **2017**, 2, 7621-7636	3.9	7
38	PrP(Sc)-specific antibodies do not induce prion disease or misfolding of PrP(C) in highly susceptible Tga20 mice. *Prion*, **2013**, 7, 434-9	2.3	7
37	Managing the risks of bovine spongiform encephalopathy: a Canadian perspective. *International Journal of Risk Assessment and Management*, **2010**, 14, 381	0.9	7
36	Therapeutic targeting of the PI4K2A/PKR lysosome network is critical for misfolded protein clearance and survival in cancer cells. *Oncogene*, **2020**, 39, 801-813	9.2	7
35	GM2 promotes ciliary neurotrophic factor-dependent rescue of immortalized motor neuron-like cell (NSC-34). *Neurochemical Research*, **1999**, 24, 281-6	4.6	6
34	Anticholinesterases in post-poliomyelitis syndrome. *Annals of the New York Academy of Sciences*, **1995**, 753, 285-95	6.5	6
33	Binding and internalization of neurotensin in hybrid cells derived from septal cholinergic neurons. *Annals of the New York Academy of Sciences*, **1992**, 668, 345-7	6.5	6

32	In vitro neutralization of prions with PrP(Sc)-specific antibodies. *Prion*, **2015**, 9, 292-303	2.3	5
31	Increased N-myc mRNA expression associated with dibutyryl cyclic AMP induced neuroblastoma differentiation. *Journal of Neurogenetics*, **1989**, 6, 75-86	1.6	5
30	Development of an □synuclein knockdown peptide and evaluation of its efficacy in Parkinson's disease models. *Communications Biology*, **2021**, 4, 232	6.7	5
29	Expert elicitation on the uncertainties associated with chronic wasting disease. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2016**, 79, 729-45	3.2	4
28	Interpretation of cerebrospinal fluid protein tests in the diagnosis of sporadic Creutzfeldt-Jakob disease: an evidence-based approach. *Cmaj*, **2014**, 186, E333-9	3.5	4
27	Challenges in managing the risks of chronic wasting disease. *International Journal of Global Environmental Issues*, **2017**, 16, 277	0.8	3
26	Decreased cell surface prion protein in mouse models of prion disease. *NeuroReport*, **2007**, 18, 1-6	1.7	3
25	Immunological findings in amyotrophic lateral sclerosis. *Seminars in Immunopathology*, **1995**, 17, 17-28		3
24	Evidence for transmissibility of Alzheimer disease pathology: Cause for concern?. *Cmaj*, **2016**, 188, E210-E212	3.5	3
23	Tardive neurotoxicity of anticholinergic drugs: A review. *Journal of Neurochemistry*, **2021**, 158, 1334-1346		3
22	Progress in prion vaccines and immunotherapies. *Expert Opinion on Biological Therapy*, **2005**, 5, 97-110	5.4	2
21	Spatial patterning of tissue volume loss in schizophrenia reflects brain network architecture		2
20	Five-Year Incidence of Amyotrophic Lateral Sclerosis in British Columbia (2010-2015). *Canadian Journal of Neurological Sciences*, **2016**, 43, 791-795	1	2
19	Targeting of misfolded, pathogenic TDP-43 with rationally designed antibodies. *Alzheimerjs and Dementia*, **2020**, 16, e045221	1.2	1
18	Journal Club: Depression before and after diagnosis with amyotrophic lateral sclerosis. *Neurology*, **2016**, 87, e257-e259	6.5	1
17	Update on the provisional estimation of developing iatrogenic variant Creutzfeldt-Jakob disease from human islet cell transplantation procedures. *Transplantation*, **2014**, 97, e73-5	1.8	1
16	Intercellular Prion-Like Conversion and Transmission of Cu/Zn Superoxide Dismutase (SOD1) in Cell Culture. *Methods in Molecular Biology*, **2017**, 1658, 357-367	1.4	1
15	O1-05-04: An amyloid-beta oligomer epitope specific for toxic assemblages in Alzheimer's disease **2015**, 11, P136-P137		1

14	P2-397: MICE IMMUNIZED WITH CYCLIC-SER-ASN-LYS (CSNK) PEPTIDE GENERATE POLYCLONAL ANTIBODIES SELECTIVE FOR A□OLIGOMERS: A VACCINE STRATEGY FOR ALZHEIMER'S DISEASE **2014**, 10, P624-P624		1
13	Nanopore analysis reveals differences in structural stability of ovine PrP(C) proteins corresponding to scrapie susceptible (VRQ) and resistance (ARR) genotypes. *Prion*, **2013**, 7, 511-9	2.3	1
12	PrioNet Canada: a network of centres of excellence for research on prion diseases--ongoing and future research directions. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2011**, 74, 73-87	3.2	1
11	Sublethal enteroviral infection exacerbates disease progression in an ALS mouse model.. *Journal of Neuroinflammation*, **2022**, 19, 16	10.1	1
10	TNF receptor associated factor 6 interacts with ALS-linked misfolded superoxide dismutase 1 and promotes aggregation		1
9	P4-299: A Computational Method to Predict Disease-Specific Epitopes in A□and its Application to Oligomer-Selective Antibodies for Alzheimer□ Immunotherapy **2016**, 12, P1148-P1148		1
8	Selective targeting of intracellular, misfolded, pathogenic TDP-43 with rationally designed intrabodies. *Alzheimerjs and Dementia*, **2021**, 17,	1.2	1
7	Selenium-based compounds: Emerging players in the ever-unfolding story of SOD1 in amyotrophic lateral sclerosis. *EBioMedicine*, **2020**, 59, 102997	8.8	0
6	A method for systematically ranking therapeutic drug candidates using multiple uncertain screening criteria. *Statistical Methods in Medical Research*, **2021**, 30, 1502-1522	2.3	0
5	Molecular interactions between monoclonal oligomer-specific antibody 5E3 and its amyloid beta cognates. *PLoS ONE*, **2020**, 15, e0232266	3.7	
4	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		
3	[P3□182]: PROPAGATIVE TOXIC A□OLIGOMER SUBCLASS IDENTIFIED AND DEFINED BY SOLVENT ORIENTATION OF THE LYSINE 28 SIDE CHAIN **2017**, 13, P1003-P1004		
2	Prion disease risk uncertainties associated with urine-derived and recombinant fertility drugs. *International Journal of Risk Assessment and Management*, **2019**, 22, 109	0.9	
1	Induction of Cu/Zn Superoxide Dismutase (SOD1) Aggregation in Living Cells. *Methods in Molecular Biology*, **2019**, 1873, 213-224	1.4	