Elizabeth M C Fisher

List of Publications by Year
in descending order

225	22,179	12303	10127
papers	citations	69 h-index	140 g-index

303	303	303	25234
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mouse models of aneuploidy to understand chromosome disorders. Mammalian Genome, 2022, 33, 157-168.	1.0	14
2	Six generations of CHMP2B â€mediated Frontotemporal Dementia: Clinical features, predictive testing, progression, and survival. Acta Neurologica Scandinavica, 2022, 145, 529-540.	1.0	4
3	TDP-43 loss and ALS-risk SNPs drive mis-splicing and depletion of UNC13A. Nature, 2022, 603, 131-137.	13.7	188
4	Remote and Selective Control of Astrocytes by Magnetomechanical Stimulation. Advanced Science, 2022, 9, e2104194.	5.6	12
5	Endosomal structure and APP biology are not altered in a preclinical mouse cellular model of Down syndrome. PLoS ONE, 2022, 17, e0262558.	1.1	0
6	Genetic dissection of down syndrome-associated alterations in APP/amyloid-Î² biology using mouse models. Scientific Reports, 2021, 11, 5736.	1.6	10
7	A novel knockout mouse for the small EDRK-rich factor 2 (Serf2) showing developmental and other deficits. Mammalian Genome, 2021, 32, 94-103.	1.0	10
8	A landmark-free morphometrics pipeline for high-resolution phenotyping: application to a mouse model of Down syndrome. Development (Cambridge), 2021, 148, .	1.2	26
9	Maternal iron deficiency perturbs embryonic cardiovascular development in mice. Nature Communications, 2021, 12, 3447.	5.8	17
10	NMJ-Analyser identifies subtle early changes in mouse models of neuromuscular disease. Scientific Reports, 2021, 11, 12251.	1.6	12
11	FUS-ALS mutants alter FMRP phase separation equilibrium and impair protein translation. Science Advances, 2021, 7, .	4.7	36
12	The effects of Cstb duplication on APP/amyloid-Î² pathology and cathepsin B activity in a mouse model. PLoS ONE, 2021, 16, e0242236.	1.1	3
13	ALS-related FUS mutations alter axon growth in motoneurons and affect HuD/ELAVL4 and FMRP activity. Communications Biology, 2021, 4, 1025.	2.0	21
14	Comprehensive phenotypic analysis of the Dp1Tyb mouse strain reveals a broad range of Down syndrome-related phenotypes. DMM Disease Models and Mechanisms, 2021, 14, .	1.2	17
15	Building the Future Therapies for Down Syndrome: The Third International Conference of the T21 Research Society. Molecular Syndromology, 2021, 12, 202-218.	0.3	6
16	Generation and analysis of innovative genomically humanized knockin SOD1, TARDBP (TDP-43), and FUS mouse models. IScience, 2021, 24, 103463.	1.9	4
17	Using mouse models to understand Alzheimer's disease mechanisms in the context of trisomy of chromosome 21. Progress in Brain Research, 2020, 251, 181-208.	0.9	1
18	Species-specific pace of development is associated with differences in protein stability. Science, 2020, 369, .	6.0	163

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19	Substantially thinner internal granular layer and reduced molecular layer surface in the cerebellar cortex of the Tc1 mouse model of down syndrome â€“ a comprehensive morphometric analysis with active staining contrast-enhanced MRI. NeuroImage, 2020, 223, 117271.	2.1	7
20	FUS ALS-causative mutations impair FUS autoregulation and splicing factor networks through intron retention. Nucleic Acids Research, 2020, 48, 6889-6905.	6.5	70
21	Mice Carrying ALS Mutant TDP-43, but Not Mutant FUS, Display InÂVivo Defects in Axonal Transport of Signaling Endosomes. Cell Reports, 2020, 30, 3655-3662.e2.	2.9	51
22	Interaction of sexual dimorphism and gene dosage imbalance in skeletal deficits associated with Down syndrome. Bone, 2020, 136, 115367.	1.4	19
23	DYNLRB1 is essential for dynein mediated transport and neuronal survival. Neurobiology of Disease, 2020, 140, 104816.	2.1	15
24	Altered Hippocampal-Prefrontal Neural Dynamics in Mouse Models of Down Syndrome. Cell Reports, 2020, 30, 1152-1163.e4.	2.9	32
25	DNA Editing for Amyotrophic Lateral Sclerosis: Leading Off First Base. CRISPR Journal, 2020, 3, 75-77.	1.4	1
26	Truncated stathmin-2 is a marker of TDP-43 pathology in frontotemporal dementia. Journal of Clinical Investigation, 2020, 130, 6080-6092.	3.9	117
27	Transgenic and physiological mouse models give insights into different aspects of amyotrophic lateral sclerosis. DMM Disease Models and Mechanisms, 2019, 12, .	1.2	65
28	Uses for humanised mouse models in precision medicine for neurodegenerative disease. Mammalian Genome, 2019, 30, 173-191.	1.0	22
29	Gene expression dysregulation domains are not a specific feature of Down syndrome. Nature Communications, 2019, 10, 2489.	5.8	19
30	Mouse models of neurodegeneration: Know your question, know your mouse. Science Translational Medicine, 2019, 11, .	5.8	51
31	Downregulated Wnt/Î²-catenin signalling in the Down syndrome hippocampus. Scientific Reports, 2019, 9, 7322.	1.6	20
32	Humanising the mouse genome piece by piece. Nature Communications, 2019, 10, 1845.	5.8	78
33	Genetic meta-analysis of diagnosed Alzheimerâ€™s disease identifies new risk loci and implicates AÎ², tau, immunity and lipid processing. Nature Genetics, 2019, 51, 414-430.	9.4	1,962
34	Association of Dementia With Mortality Among Adults With Down Syndrome Older Than 35 Years. JAMA Neurology, 2019, 76, 152.	4.5	110
35	In vivo and ex vivo analyses of amyloid toxicity in the Tc1 mouse model of Down syndrome. Journal of Psychopharmacology, 2018, 32, 174-190.	2.0	5
36	The use of mouse models to probe cytoplasmic dynein function. , 2018, , 234-261.		4

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37	TDP-43 mutations increase HNRNP A1-7B through gain of splicing function. Brain, 2018, 141, e83-e83.	3.7	7
38	Mice with endogenous <scp>TDP</scp> â€43 mutations exhibit gain of splicing function and characteristics of amyotrophic lateral sclerosis. EMBO Journal, 2018, 37, .	3.5	129
39	Trisomy of human chromosome 21 enhances amyloid-Î² deposition independently of an extra copy ofAPP. Brain, 2018, 141, 2457-2474.	3.7	96
40	Analysis of motor dysfunction in Down Syndrome reveals motor neuron degeneration. PLoS Genetics, 2018, 14, e1007383.	1.5	29
41	Rodent models in Down syndrome research: impact and future opportunities. DMM Disease Models and Mechanisms, 2017, 10, 1165-1186.	1.2	149
42	Humanized mutant FUS drives progressive motor neuron degeneration without aggregation in â€˜FUSDelta14â€™ knockin mice. Brain, 2017, 140, 2797-2805.	3.7	95
43	Aging rather than aneuploidy affects monoamine neurotransmitters in brain regions of Down syndrome mouse models. Neurobiology of Disease, 2017, 105, 235-244.	2.1	14
44	The integration site of the APP transgene in the J20 mouse model of Alzheimerâ€™s disease. Wellcome Open Research, 2017, 2, 84.	0.9	15
45	Comparison of In Vivo and Ex Vivo MRI for the Detection of Structural Abnormalities in a Mouse Model of Tauopathy. Frontiers in Neuroinformatics, 2017, 11, 20.	1.3	37
46	The integration site of the APP transgene in the J20 mouse model of Alzheimerâ€™s disease. Wellcome Open Research, 2017, 2, 84.	0.9	15
47	Intracerebral haemorrhage in Down syndrome: protected or predisposed?. F1000Research, 2016, 5, 876.	0.8	30
48	The importance of understanding individual differences in Down syndrome. F1000Research, 2016, 5, 389.	0.8	151
49	Genetic dissection of Down syndrome-associated congenital heart defects using a new mouse mapping panel. ELife, 2016, 5, .	2.8	77
50	A Syntenic Cross Species Aneuploidy Genetic Screen Links RCAN1 Expression to Î²-Cell Mitochondrial Dysfunction in Type 2 Diabetes. PLoS Genetics, 2016, 12, e1006033.	1.5	39
51	Imaging the accumulation and suppression of tau pathology using multiparametric MRI. Neurobiology of Aging, 2016, 39, 184-194.	1.5	42
52	Deficiency of the zinc finger protein ZFP106 causes motor and sensory neurodegeneration. Human Molecular Genetics, 2016, 25, 291-307.	1.4	19
53	Tc1 mouse model of trisomy-21 dissociates properties of short- and long-term recognition memory. Neurobiology of Learning and Memory, 2016, 130, 118-128.	1.0	18
54	Application of neurite orientation dispersion and density imaging (NODDI) to a tau pathology model of Alzheimer's disease. NeuroImage, 2016, 125, 739-744.	2.1	179

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55	CHCHD10Pro34Ser is not a highly penetrant pathogenic variant for amyotrophic lateral sclerosis and frontotemporal dementia. Brain, 2016, 139, e9-e9.	3.7	7
56	Fully-Automated Î¼MRI Morphometric Phenotyping of the Tc1 Mouse Model of Down Syndrome. PLoS ONE, 2016, 11, e0162974.	1.1	19
57	Evidence for evolutionary divergence of activity-dependent gene expression in developing neurons. ELife, 2016, 5, .	2.8	42
58	Dissecting Alzheimer disease in Down syndrome using mouse models. Frontiers in Behavioral Neuroscience, 2015, 9, 268.	1.0	41
59	A novel SOD1-ALS mutation separates central and peripheral effects of mutant SOD1 toxicity. Human Molecular Genetics, 2015, 24, 1883-1897.	1.4	52
60	Screening a UK amyotrophic lateral sclerosis cohort provides evidence of multiple origins of the C9orf72 expansion. Neurobiology of Aging, 2015, 36, 546.e1-546.e7.	1.5	48
61	SOD1 Function and Its Implications for Amyotrophic Lateral Sclerosis Pathology. Neuroscientist, 2015, 21, 519-529.	2.6	113
62	A genetic cause of Alzheimer disease: mechanistic insights from Down syndrome. Nature Reviews Neuroscience, 2015, 16, 564-574.	4.9	404
63	Hippocampal circuit dysfunction in the Tc1 mouse model of Down syndrome. Nature Neuroscience, 2015, 18, 1291-1298.	7.1	32
64	Increased Cerebral Vascular Reactivity in the Tau Expressing rTg4510 Mouse: Evidence against the Role of Tau Pathology to Impair Vascular Health in Alzheimer's Disease. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 359-362.	2.4	25
65	Grey Matter Sublayer Thickness Estimation in the Mouse Cerebellum. Lecture Notes in Computer Science, 2015, , 644-651.	1.0	0
66	A Nonsense Mutation in Mouse Tardbp Affects TDP43 Alternative Splicing Activity and Causes Limb-Clasping and Body Tone Defects. PLoS ONE, 2014, 9, e85962.	1.1	18
67	Automatic Structural Parcellation of Mouse Brain MRI Using Multi-Atlas Label Fusion. PLoS ONE, 2014, 9, e86576.	1.1	60
68	Profilin1 E117G is a moderate risk factor for amyotrophic lateral sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, 506-508.	0.9	17
69	Correlation of clinical and molecular features in spinal bulbar muscular atrophy. Neurology, 2014, 82, 2077-2084.	1.5	76
70	DYNC1H1 mutation alters transport kinetics and ERK1/2-cFos signalling in a mouse model of distal spinal muscular atrophy. Brain, 2014, 137, 1883-1893.	3.7	21
71	C9orf72 repeat expansions cause neurodegeneration in Drosophila through arginine-rich proteins. Science, 2014, 345, 1192-1194.	6.0	632
72	Widespread RNA metabolism impairment in sporadic inclusion body myositis TDP43-proteinopathy. Neurobiology of Aging, 2014, 35, 1491-1498.	1.5	36

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73	Sequencing analysis of the spinal bulbar muscular atrophy CAG expansion reveals absence of repeat interruptions. Neurobiology of Aging, 2014, 35, 443.e1-443.e3.	1.5	16
74	Homozygosity for the C9orf72 GGGGCC repeat expansion in frontotemporal dementia. Acta Neuropathologica, 2013, 126, 401-409.	3.9	126
75	Cytoplasmic dynein heavy chain: the servant of many masters. Trends in Neurosciences, 2013, 36, 641-651.	4.2	111
76	Mutations in the Gabrb1 gene promote alcohol consumption through increased tonic inhibition. Nature Communications, 2013, 4, 2816.	5.8	44
77	Cognitive impairment in the preclinical stage of dementia in FTD-3CHMP2Bmutation carriers: a longitudinal prospective study. Journal of Neurology, Neurosurgery and Psychiatry, 2013, 84, 170-176.	0.9	19
78	FUS is not dysregulated by the spinal bulbar muscular atrophy androgen receptor polyglutamine repeat expansion. Neurobiology of Aging, 2013, 34, 1516.e17-1516.e19.	1.5	5
79	Rodent models of amyotrophic lateral sclerosis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 1421-1436.	1.8	137
80	Graphical modelling of molecular networks underlying sporadic inclusion body myositis. Molecular BioSystems, 2013, 9, 1736.	2.9	10
81	Protein profiles in Tc1 mice implicate novel pathway perturbations in the Down syndrome brain. Human Molecular Genetics, 2013, 22, 1709-1724.	1.4	43
82	Is SOD1 loss of function involved in amyotrophic lateral sclerosis?. Brain, 2013, 136, 2342-2358.	3.7	237
83	An unusual presentation for SOD1â€ALS: Isolated facial diplegia. Muscle and Nerve, 2013, 48, 994-995.	1.0	1
84	Massively Parallel Sequencing Reveals the Complex Structure of an Irradiated Human Chromosome on a Mouse Background in the Tc1 Model of Down Syndrome. PLoS ONE, 2013, 8, e60482.	1.1	93
85	Alterations to Dendritic Spine Morphology, but Not Dendrite Patterning, of Cortical Projection Neurons in Tc1 and Ts1Rhr Mouse Models of Down Syndrome. PLoS ONE, 2013, 8, e78561.	1.1	39
86	Analysis of European case-control studies suggests that common inherited variation in mitochondrial DNA is not involved in susceptibility to amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2012, 13, 341-346.	2.3	11
87	Overexpression of the Hspa13 (Stch) gene reduces prion disease incubation time in mice. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13722-13727.	3.3	21
88	Progressive neuronal inclusion formation and axonal degeneration in CHMP2B mutant transgenic mice. Brain, 2012, 135, 819-832.	3.7	97
89	C9orf72 hexanucleotide repeat associated with amyotrophic lateral sclerosis and frontotemporal dementia forms RNA G-quadruplexes. Scientific Reports, 2012, 2, 1016.	1.6	275
90	Altered regulation of tau phosphorylation in a mouse model of down syndrome aging. Neurobiology of Aging, 2012, 33, 828.e31-828.e44.	1.5	54

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91	A Motor-Driven Mechanism for Cell-Length Sensing. Cell Reports, 2012, 1, 608-616.	2.9	55
92	Genetic Insights into Mammalian Cytoplasmic Dynein Function Provided by Novel Mutations in the Mouse. , 2012, , 482-503.		0
93	Mouse Models of Aneuploidy. Scientific World Journal, The, 2012, 2012, 1-6.	0.8	14
94	A novel phenotype for the dynein heavy chain mutation Loa: Altered dendritic morphology, organelle density, and reduced numbers of trigeminal motoneurons. Journal of Comparative Neurology, 2012, 520, 2757-2773.	0.9	13
95	Genomically humanized mice: technologies and promises. Nature Reviews Genetics, 2012, 13, 14-20.	7.7	80
96	Structural correlates of active-staining following magnetic resonance microscopy in the mouse brain. NeuroImage, 2011, 56, 974-983.	2.1	28
97	The telomeric part of the human chromosome 21 from Cstb to Prmt2 is not necessary for the locomotor and short-term memory deficits observed in the Tc1 mouse model of Down syndrome. Behavioural Brain Research, 2011, 217, 271-281.	1.2	34
98	O18 A new mouse model of ALS carrying a point mutation in the mouse Sod1 gene. Neuromuscular Disorders, 2011, 21, S6.	0.3	0
99	P16 Investigating novel mutant mouse models of motor neuron disease. Neuromuscular Disorders, 2011, 21, S11.	0.3	0
100	Frontotemporal Dementia Caused by CHMP2B Mutations. Current Alzheimer Research, 2011, 8, 246-251.	0.7	85
101	How does the genetic assassin select its neuronal target?. Mammalian Genome, 2011, 22, 139-147.	1.0	1
102	SOD1 and TDP-43 animal models of amyotrophic lateral sclerosis: recent advances in understanding disease toward the development of clinical treatments. Mammalian Genome, 2011, 22, 420-448.	1.0	113
103	A comprehensive assessment of the SOD1G93A low-copy transgenic mouse, which models human amyotrophic lateral sclerosis. DMM Disease Models and Mechanisms, 2011, 4, 686-700.	1.2	86
104	Down syndrome: searching for the genetic culprits. DMM Disease Models and Mechanisms, 2011, 4, 586-595.	1.2	106
105	Behavioral and Other Phenotypes in a Cytoplasmic Dynein Light Intermediate Chain 1 Mutant Mouse. Journal of Neuroscience, 2011, 31, 5483-5494.	1.7	23
106	Perturbed hematopoiesis in the Tc1 mouse model of Down syndrome. Blood, 2010, 115, 2928-2937.	0.6	64
107	FUS pathology defines the majority of tau- and TDP-43-negative frontotemporal lobar degeneration. Acta Neuropathologica, 2010, 120, 33-41.	3.9	222
108	Sequencing analysis of the ITPR1 gene in a pure autosomal dominant spinocerebellar ataxia series. Movement Disorders, 2010, 25, 771-773.	2.2	14

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109	Generation of a panel of antibodies against proteins encoded on human chromosome 21. Journal of Negative Results in BioMedicine, 2010, 9, 7.	1.4	0
110	Tumour angiogenesis is reduced in the Tc1 mouse model of Downâ€™s syndrome. Nature, 2010, 465, 813-817.	13.7	122
111	Modification of Superoxide Dismutase 1 (SOD1) Properties by a GFP Tag â€“ Implications for Research into Amyotrophic Lateral Sclerosis (ALS). PLoS ONE, 2010, 5, e9541.	1.1	63
112	Mouse Cytoplasmic Dynein Intermediate Chains: Identification of New Isoforms, Alternative Splicing and Tissue Distribution of Transcripts. PLoS ONE, 2010, 5, e11682.	1.1	35
113	The Legs at odd angles (Loa) Mutation in Cytoplasmic Dynein Ameliorates Mitochondrial Function in SOD1G93A Mouse Model for Motor Neuron Disease. Journal of Biological Chemistry, 2010, 285, 18627-18639.	1.6	23
114	Disruption of endocytic trafficking in frontotemporal dementia with CHMP2B mutations. Human Molecular Genetics, 2010, 19, 2228-2238.	1.4	163
115	Neurodegenerative Mutation in Cytoplasmic Dynein Alters Its Organization and Dynein-Dynactin and Dynein-Kinesin Interactions*. Journal of Biological Chemistry, 2010, 285, 39922-39934.	1.6	27
116	Down's syndrome-like cardiac developmental defects in embryos of the transchromosomic Tc1 mouse. Cardiovascular Research, 2010, 88, 287-295.	1.8	51
117	[P2.56]: Cortical projection neuron dendrite morphology in the Tc1 mouse model of Down Syndrome. International Journal of Developmental Neuroscience, 2010, 28, 706-706.	0.7	0
118	Down syndrome and the molecular pathogenesis resulting from trisomy of human chromosome 21. Journal of Biomedical Research, 2010, 24, 87-99.	0.7	9
119	ENU Mutagenesis Reveals a Novel Phenotype of Reduced Limb Strength in Mice Lacking Fibrillin 2. PLoS ONE, 2010, 5, e9137.	1.1	19
120	Superoxide Dismutase 1 and tgSOD1G93A Mouse Spinal Cord Seed Fibrils, Suggesting a Propagative Cell Death Mechanism in Amyotrophic Lateral Sclerosis. PLoS ONE, 2010, 5, e10627.	1.1	113
121	Quantitative Proteomics Characterization of a Mouse Embryonic Stem Cell Model of Down Syndrome. Molecular and Cellular Proteomics, 2009, 8, 585-595.	2.5	25
122	A two-stage genome-wide association study of sporadic amyotrophic lateral sclerosis. Human Molecular Genetics, 2009, 18, 1524-1532.	1.4	106
123	Down syndrome--recent progress and future prospects. Human Molecular Genetics, 2009, 18, R75-R83.	1.4	199
124	Presymptomatic Generalized Brain Atrophy in Frontotemporal Dementia Caused by CHMP2B Mutation. Dementia and Geriatric Cognitive Disorders, 2009, 27, 182-186.	0.7	17
125	New approaches for modelling sporadic genetic disease in the mouse. DMM Disease Models and Mechanisms, 2009, 2, 446-453.	1.2	16
126	An ENU-induced mutation in mouse glycyl-tRNA synthetase (GARS) causes peripheral sensory and motor phenotypes creating a model of Charcot-Marie-Tooth type 2D peripheral neuropathy. DMM Disease Models and Mechanisms, 2009, 2, 359-373.	1.2	91

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127	A Genome-Wide Investigation of SNPs and CNVs in Schizophrenia. PLoS Genetics, 2009, 5, e1000373.	1.5	383
128	Impairments in motor coordination without major changes in cerebellar plasticity in the Tc1 mouse model of Down syndrome. Human Molecular Genetics, 2009, 18, 1449-1463.	1.4	80
129	A point mutation in TRPC3 causes abnormal Purkinje cell development and cerebellar ataxia in moonwalker mice. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 6706-6711.	3.3	187
130	Mutant Glycyl-tRNA Synthetase (Gars) Ameliorates SOD1G93A Motor Neuron Degeneration Phenotype but Has Little Affect on Loa Dynein Heavy Chain Mutant Mice. PLoS ONE, 2009, 4, e6218.	1.1	15
131	DYRK1A-Dosage Imbalance Perturbs NRSF/REST Levels, Deregulating Pluripotency and Embryonic Stem Cell Fate in Down Syndrome. American Journal of Human Genetics, 2008, 83, 388-400.	2.6	139
132	Cytoplasmic dynein could be key to understanding neurodegeneration. Genome Biology, 2008, 9, 214.	13.9	27
133	TDP-43 is a culprit in human neurodegeneration, and not just an innocent bystander. Mammalian Genome, 2008, 19, 299-305.	1.0	63
134	Species-Specific Transcription in Mice Carrying Human Chromosome 21. Science, 2008, 322, 434-438.	6.0	260
135	CHMP2B C-truncating mutations in frontotemporal lobar degeneration are associated with an aberrant endosomal phenotype in vitro. Human Molecular Genetics, 2008, 17, 313-322.	1.4	131
136	Preservation of long-term memory and synaptic plasticity despite short-term impairments in the Tc1 mouse model of Down syndrome. Learning and Memory, 2008, 15, 492-500.	0.5	94
137	A Myeloproliferative Disorder in the Tc1 Mouse Model of Down Syndrome. Blood, 2008, 112, 2790-2790.	0.6	1
138	Deletion at ITPR1 Underlies Ataxia in Mice and Spinocerebellar Ataxia 15 in Humans. PLoS Genetics, 2007, 3, e108.	1.5	269
139	Large-scale pathways-based association study in amyotrophic lateral sclerosis. Brain, 2007, 130, 2292-2301.	3.7	32
140	Quiet mutations in inbred strains of mice. Trends in Molecular Medicine, 2007, 13, 512-519.	3.5	68
141	Functional multivesicular bodies are required for autophagic clearance of protein aggregates associated with neurodegenerative disease. Journal of Cell Biology, 2007, 179, 485-500.	2.3	559
142	An additional human chromosome 21 causes suppression of neural fate of pluripotent mouse embryonic stem cells in a teratoma model. BMC Developmental Biology, 2007, 7, 131.	2.1	17
143	The phagocytic capacity of neurones. European Journal of Neuroscience, 2007, 25, 2947-2955.	1.2	41
144	Novel Mouse Model of Autosomal Semidominant Adult Hypophosphatasia Has a Splice Site Mutation in the Tissue Nonspecific Alkaline Phosphatase Gene Akp2. Journal of Bone and Mineral Research, 2007, 22, 1397-1407.	3.1	34

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145	Genetic Analysis of the Cytoplasmic Dynein Subunit Families. PLoS Genetics, 2006, 2, e1.	1.5	276
146	No association ofDYNC1H1with sporadic ALS in a caseâ€control study of a northern European derived population: A tagging SNP approach. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2006, 7, 46-56.	2.3	9
147	New techniques to understand chromosome dosage: mouse models of aneuploidy. Human Molecular Genetics, 2006, 15, R103-R109.	1.4	15
148	Mutations in the endosomal ESCRTIII-complex subunit CHMP2B in frontotemporal dementia. Nature Genetics, 2005, 37, 806-808.	9.4	752
149	The origins and uses of mouse outbred stocks. Nature Genetics, 2005, 37, 1181-1186.	9.4	316
150	A mutation in dynein rescues axonal transport defects and extends the life span of ALS mice. Journal of Cell Biology, 2005, 169, 561-567.	2.3	223
151	Cytoplasmic dynein nomenclature. Journal of Cell Biology, 2005, 171, 411-413.	2.3	171
152	The SOD1 transgene in the G93A mouse model of amyotrophic lateral sclerosis lies on distal mouse chromosome 12. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2005, 6, 111-114.	2.3	19
153	An Aneuploid Mouse Strain Carrying Human Chromosome 21 with Down Syndrome Phenotypes. Science, 2005, 309, 2033-2037.	6.0	390
154	Frontotemporal Dementia Linked to Chromosome 3. Dementia and Geriatric Cognitive Disorders, 2004, 17, 274-276.	0.7	8
155	Towards a mutant map of the mouse ? new models of neurological, behavioural, deafness, bone, renal and blood disorders. Genetica, 2004, 122, 47-49.	0.5	17
156	Identification and characterization of a novel mouse prion gene allele. Mammalian Genome, 2004, 15, 383-389.	1.0	26
157	Three Novel Pigmentation Mutants Generated by Genome-Wide Random ENU Mutagenesis in the Mouse. Comparative and Functional Genomics, 2004, 5, 123-127.	2.0	2
158	Prion disease incubation time is not affected in mice heterozygous for a dynein mutation. Biochemical and Biophysical Research Communications, 2004, 326, 18-22.	1.0	14
159	Microcell-mediated chromosome transfer (MMCT): small cells with huge potential. Mammalian Genome, 2003, 14, 583-592.	1.0	52
160	Mutation of Celsr1 Disrupts Planar Polarity of Inner Ear Hair Cells and Causes Severe Neural Tube Defects in the Mouse. Current Biology, 2003, 13, 1129-1133.	1.8	552
161	Paradigms for the identification of new genes in motor neuron degeneration. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders: Official Publication of the World Federation of Neurology, Research Group on Motor Neuron Diseases, 2003, 4, 249-257.	1.4	20
162	Mutations in Dynein Link Motor Neuron Degeneration to Defects in Retrograde Transport. Science, 2003, 300, 808-812.	6.0	652

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163	Balancing Selection at the Prion Protein Gene Consistent with Prehistoric Kurulike Epidemics. Science, 2003, 300, 640-643.	6.0	347
164	No association with common Caucasian genotypes in exons 8, 13 and 14 of the human cytoplasmic dynein heavy chain gene (DNCHC1) and familial motor neuron disorders. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders: Official Publication of the World Federation of Neurology, Research Group on Motor Neuron Diseases, 2003, 4, 150-157.	1.4	26
165	Mouse models as a tool for understanding neurodegenerative diseases. Current Opinion in Neurology, 2003, 16, 451-458.	1.8	16
166	Title is missing!. Current Opinion in Neurology, 2003, 16, 451-458.	1.8	4
167	An integrated genetic, radiation hybrid, physical and transcription map of a region of distal mouse chromosome 12, including an imprinted locus and the â€˜Legs at odd anglesâ€™ (Loa) mutation. Gene, 2002, 283, 71-82.	1.0	6
168	Characterisation and expression analysis of the WDR9 gene, located in the Down critical region-2 of the human chromosome 21. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2002, 1577, 377-383.	2.4	14
169	Mouse models for neurological disease. Lancet Neurology, The, 2002, 1, 215-224.	4.9	41
170	Novel phenotypes identified by plasma biochemical screening in the mouse. Mammalian Genome, 2002, 13, 595-602.	1.0	62
171	Identification of genetic loci affecting mouse-adapted bovine spongiform encephalopathy incubation time in mice. Neurogenetics, 2002, 4, 77-81.	0.7	58
172	Sporadicâ€”but Not Variantâ€”Creutzfeldt-Jakob Disease Is Associated with Polymorphisms Upstream of PRNP Exon 1. American Journal of Human Genetics, 2001, 69, 1225-1235.	2.6	95
173	SHIRPA, a protocol for behavioral assessment: validation for longitudinal study of neurological dysfunction in mice. Neuroscience Letters, 2001, 306, 89-92.	1.0	169
174	Identification of multiple quantitative trait loci linked to prion disease incubation period in mice. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 6279-6283.	3.3	176
175	Genealogies of mouse inbred strains. Nature Genetics, 2000, 24, 23-25.	9.4	769
176	A systematic, genome-wide, phenotype-driven mutagenesis programme for gene function studies in the mouse. Nature Genetics, 2000, 25, 440-443.	9.4	657
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