Andreas Hermann

List of Publications by Year
in descending order

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201	6,950	66343	82547
papers	citations	42 h-index	72 g-index

221	221	221	9495
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Direct Reprogramming of Fibroblasts into Neural Stem Cells by Defined Factors. Cell Stem Cell, 2012, 10, 465-472.	11.1	511
2	Efficient generation of neural stem cell-like cells from adult human bone marrow stromal cells. Journal of Cell Science, 2004, 117, 4411-4422.	2.0	411
3	A star-PEGâ€“heparin hydrogel platform to aid cell replacement therapies for neurodegenerative diseases. Biomaterials, 2009, 30, 5049-5060.	11.4	272
4	Transcriptional Profiles of CD133+ and CD133â˜’ Glioblastoma-Derived Cancer Stem Cell Lines Suggest Different Cells of Origin. Cancer Research, 2010, 70, 2030-2040.	0.9	237
5	Impaired DNA damage response signaling by FUS-NLS mutations leads to neurodegeneration and FUS aggregate formation. Nature Communications, 2018, 9, 335.	12.8	217
6	Nusinersen in adults with 5q spinal muscular atrophy: a non-interventional, multicentre, observational cohort study. Lancet Neurology, The, 2020, 19, 317-325.	10.2	196
7	C9ORF72 interaction with cofilin modulates actin dynamics in motor neurons. Nature Neuroscience, 2016, 19, 1610-1618.	14.8	131
8	A Randomized, Double Blind, Placebo-Controlled Trial of Pioglitazone in Combination with Riluzole in Amyotrophic Lateral Sclerosis. PLoS ONE, 2012, 7, e37885.	2.5	125
9	Human iPSC models of neuronal ceroid lipofuscinosis capture distinct effects of TPP1 and CLN3 mutations on the endocytic pathway. Human Molecular Genetics, 2014, 23, 2005-2022.	2.9	121
10	Comparative analysis of neuroectodermal differentiation capacity of human bone marrow stromal cells using various conversion protocols. Journal of Neuroscience Research, 2006, 83, 1502-1514.	2.9	117
11	Intrathecal application of neuroectodermally converted stem cells into a mouse model of ALS: limited intraparenchymal migration and survival narrows therapeutic effects. Journal of Neural Transmission, 2007, 114, 1395-1406.	2.8	109
12	4-Aminopyridine Induced Activity Rescues Hypoexcitable Motor Neurons from Amyotrophic Lateral Sclerosis Patient-Derived Induced Pluripotent Stem Cells. Stem Cells, 2016, 34, 1563-1575.	3.2	109
13	Effect of Highâ€Caloric Nutrition on Survival in Amyotrophic Lateral Sclerosis. Annals of Neurology, 2020, 87, 206-216.	5.3	105
14	Genotypeâ€phenotype study in patients with valosinâ€containing protein mutations associated with multisystem proteinopathy. Clinical Genetics, 2018, 93, 119-125.	2.0	100
15	Isogenic FUS-eGFP iPSC Reporter Lines Enable Quantification of FUS Stress Granule Pathology that Is Rescued by Drugs Inducing Autophagy. Stem Cell Reports, 2018, 10, 375-389.	4.8	95
16	Diagnosis and Treatment of Chorea Syndromes. Current Neurology and Neuroscience Reports, 2015, 15, 514.	4.2	80
17	Alterations in the hypothalamic melanocortin pathway in amyotrophic lateral sclerosis. Brain, 2016, 139, 1106-1122.	7.6	80
18	Multipotent Neural Stem Cells from the Adult Tegmentum with Dopaminergic Potential Develop Essential Properties of Functional Neurons. Stem Cells, 2006, 24, 949-964.	3.2	79

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19	Safety and Effectiveness of Long-term Intravenous Administration of Edaravone for Treatment of Patients With Amyotrophic Lateral Sclerosis. JAMA Neurology, 2022, 79, 121.	9.0	78
20	Choreinâ€sensitive polymerization of cortical actin and suicidal cell death in choreaâ€acanthocytosis. FASEB Journal, 2012, 26, 1526-1534.	0.5	75
21	Antibodies inhibit transmission and aggregation of C9orf72 polyâ€•<scp>GA</scp> dipeptide repeat proteins. EMBO Molecular Medicine, 2017, 9, 687-702.	6.9	70
22	Direct conversion of mouse fibroblasts into induced neural stem cells. Nature Protocols, 2014, 9, 871-881.	12.0	69
23	FUS Mislocalization and Vulnerability to DNA Damage in ALS Patients Derived hiPSCs and Aging Motoneurons. Frontiers in Cellular Neuroscience, 2016, 10, 290.	3.7	67
24	Age-dependent neurodegeneration and organelle transport deficiencies in mutant TDP43 patient-derived neurons are independent of TDP43 aggregation. Neurobiology of Disease, 2018, 115, 167-181.	4.4	67
25	Mesodermal cell types induce neurogenesis from adult human hippocampal progenitor cells. Journal of Neurochemistry, 2006, 98, 629-640.	3.9	63
26	Age-dependent neuroectodermal differentiation capacity of human mesenchymal stromal cells: limitations for autologous cell replacement strategies. Cytotherapy, 2010, 12, 17-30.	0.7	61
27	Differentiation Efficiency of Induced Pluripotent Stem Cells Depends on the Number of Reprogramming Factors. Stem Cells, 2012, 30, 570-579.	3.2	60
28	Isolation of Neural Crest Derived Chromaffin Progenitors from Adult Adrenal Medulla. Stem Cells, 2009, 27, 2602-2613.	3.2	59
29	Restorative approaches in Parkinson's Disease: Which cell type wins the race?. Journal of the Neurological Sciences, 2010, 289, 93-103.	0.6	59
30	Stepwise acquirement of hallmark neuropathology in FUS-ALS iPSC models depends on mutation type and neuronal aging. Neurobiology of Disease, 2015, 82, 420-429.	4.4	59
31	Peripheral proinflammatory Th1/Th17 immune cell shift is linked to disease severity in amyotrophic lateral sclerosis. Scientific Reports, 2020, 10, 5941.	3.3	59
32	Transcription Profiling of Adult and Fetal Human Neuroprogenitors Identifies Divergent Paths to Maintain the Neuroprogenitor Cell State. Stem Cells, 2007, 25, 1231-1240.	3.2	56
33	Nerve ultrasound in the differentiation of multifocal motor neuropathy (MMN) and amyotrophic lateral sclerosis with predominant lower motor neuron disease (ALS/LMND). Journal of Neurology, 2016, 263, 35-44.	3.6	52
34	Safety and efficacy of rasagiline as an add-on therapy to riluzole in patients with amyotrophic lateral sclerosis: a randomised, double-blind, parallel-group, placebo-controlled, phase 2 trial. Lancet Neurology, The, 2018, 17, 681-688.	10.2	51
35	Current state of knowledge in Chorea-Acanthocytosis as core Neuroacanthocytosis syndrome. European Journal of Medical Genetics, 2018, 61, 699-705.	1.3	50
36	Phenotypes and malignancy risk of different FUS mutations in genetic amyotrophic lateral sclerosis. Annals of Clinical and Translational Neurology, 2019, 6, 2384-2394.	3.7	49

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37	Poly-glycineâ€“alanine exacerbates C9orf72 repeat expansion-mediated DNA damage via sequestration of phosphorylated ATM and loss of nuclear hnRNPA3. Acta Neuropathologica, 2020, 139, 99-118.	7.7	49
38	Knocking out C9ORF72 Exacerbates Axonal Trafficking Defects Associated with Hexanucleotide Repeat Expansion and Reduces Levels of Heat Shock Proteins. Stem Cell Reports, 2020, 14, 390-405.	4.8	48
39	Chorein sensitivity of cytoskeletal organization and degranulation of platelets. FASEB Journal, 2013, 27, 2799-2806.	0.5	47
40	A new molecular link between defective autophagy and erythroid abnormalities in chorea-acanthocytosis. Blood, 2016, 128, 2976-2987.	1.4	47
41	Neurofilament light chain in serum of adolescent and adult SMA patients under treatment with nusinersen. Journal of Neurology, 2020, 267, 36-44.	3.6	47
42	Directed Growth of Adult Human White Matter Stem Cellâ€“Derived Neurons on Aligned Fibrillar Collagen. Tissue Engineering - Part A, 2010, 16, 1103-1113.	3.1	46
43	Physical activity and environmental enrichment regulate the generation of neural precursors in the adult mouse substantia nigra in a dopamine-dependent manner. BMC Neuroscience, 2012, 13, 132.	1.9	46
44	Prognostic factors in ALS: a comparison between Germany and China. Journal of Neurology, 2019, 266, 1516-1525.	3.6	46
45	Epigenetic conversion of human adult bone mesodermal stromal cells into neuroectodermal cell types for replacement therapy of neurodegenerative disorders. Expert Opinion on Biological Therapy, 2006, 6, 653-670.	3.1	44
46	Neurofilaments and tau in CSF in an infant with SMA type 1 treated with nusinersen. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 1068.2-1069.	1.9	44
47	Motor Unit Number Index (MUNIX) of hand muscles is a disease biomarker for adult spinal muscular atrophy. Clinical Neurophysiology, 2019, 130, 315-319.	1.5	44
48	Non-Motor Symptoms in Patients Suffering from Motor Neuron Diseases. Frontiers in Neurology, 2016, 7, 117.	2.4	43
49	KCNC1â€related disorders: new de novo variants expand the phenotypic spectrum. Annals of Clinical and Translational Neurology, 2019, 6, 1319-1326.	3.7	43
50	The TGF-Î² System As a Potential Pathogenic Player in Disease Modulation of Amyotrophic Lateral Sclerosis. Frontiers in Neurology, 2017, 8, 669.	2.4	42
51	Neurochemical markers in CSF of adolescent and adult SMA patients undergoing nusinersen treatment. Therapeutic Advances in Neurological Disorders, 2019, 12, 175628641984605.	3.5	41
52	Cerebrospinal fluid promotes survival and astroglial differentiation of adult human neural progenitor cells but inhibits proliferation and neuronal differentiation. BMC Neuroscience, 2010, 11, 48.	1.9	40
53	Neuronal Dysfunction in iPSC-Derived Medium Spiny Neurons from Chorea-Acanthocytosis Patients Is Reversed by Src Kinase Inhibition and F-Actin Stabilization. Journal of Neuroscience, 2016, 36, 12027-12043.	3.6	40
54	Communication Mattersâ€”Pitfalls and Promise of Hightech Communication Devices in Palliative Care of Severely Physically Disabled Patients With Amyotrophic Lateral Sclerosis. Frontiers in Neurology, 2018, 9, 603.	2.4	40

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55	Rostro-Caudal Gradual Loss of Cellular Diversity Within the Periventricular Regions of the Ventricular System. Stem Cells, 2009, 27, 928-941.	3.2	39
56	Reduced hn <scp>RNPA</scp> 3 increases C9orf72 repeat <scp>RNA</scp> levels and dipeptideâ€repeat protein deposition. EMBO Reports, 2016, 17, 1314-1325.	4.5	39
57	Altered calcium dynamics and glutamate receptor properties in iPSC-derived motor neurons from ALS patients with C9orf72, FUS, SOD1 or TDP43 mutations. Human Molecular Genetics, 2019, 28, 2835-2850.	2.9	39
58	Eyeâ€trackingâ€“based assessment suggests preserved wellâ€being in lockedâ€in patients. Annals of Neurology, 2017, 81, 310-315.	5.3	37
59	Correlative all-optical quantification of mass density and mechanics of subcellular compartments with fluorescence specificity. ELife, 2022, 11, .	6.0	37
60	Effect of high-caloric nutrition on serum neurofilament light chain levels in amyotrophic lateral sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 1007-1009.	1.9	36
61	Therapeutic decisions in ALS patients: cross-cultural differences and clinical implications. Journal of Neurology, 2018, 265, 1600-1606.	3.6	34
62	Depending on the stress, histone deacetylase inhibitors act as heat shock protein co-inducers in motor neurons and potentiate arimoclomol, exerting neuroprotection through multiple mechanisms in ALS models. Cell Stress and Chaperones, 2020, 25, 173-191.	2.9	34
63	Provision of assistive technology devices among people with ALS in Germany: a platform-case management approach. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2018, 19, 342-350.	1.7	33
64	Oligodendrocytes Enforce Immune Tolerance of the Uninfected Brain by Purging the Peripheral Repertoire of Autoreactive CD8+ T Cells. Immunity, 2012, 37, 134-146.	14.3	32
65	Clinical features and differential diagnosis of flail arm syndrome. Journal of Neurology, 2016, 263, 390-395.	3.6	32
66	The concept and diagnostic criteria of primary lateral sclerosis. Acta Neurologica Scandinavica, 2017, 136, 204-211.	2.1	32
67	CHCHD10 mutations p.R15L and p.G66V cause motoneuron disease by haploinsufficiency. Human Molecular Genetics, 2018, 27, 706-715.	2.9	30
68	Informal Caregiving in Amyotrophic Lateral Sclerosis (ALS): A High Caregiver Burden and Drastic Consequences on Caregiversâ€™ Lives. Brain Sciences, 2021, 11, 748.	2.3	30
69	Neurorestoration in Parkinsonâ€™s disease by cell replacement and endogenous regeneration. Expert Opinion on Biological Therapy, 2004, 4, 131-143.	3.1	29
70	Reduced intraepidermal nerve fiber density in patients with REM sleep behavior disorder. Parkinsonism and Related Disorders, 2016, 29, 10-16.	2.2	29
71	Serum creatine kinase and creatinine in adult spinal muscular atrophy under nusinersen treatment. Annals of Clinical and Translational Neurology, 2021, 8, 1049-1063.	3.7	29
72	Induced neural stem cells (iNSCs) in neurodegenerative diseases. Journal of Neural Transmission, 2013, 120, 19-25.	2.8	28

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73	Chorein Sensitive Arrangement of Cytoskeletal Architecture. Cellular Physiology and Biochemistry, 2015, 37, 399-408.	1.6	28
74	Co-condensation of proteins with single- and double-stranded DNA. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2107871119.	7.1	28
75	Endogenous Regeneration in Parkinson's Disease: Do We Need Orthotopic Dopaminergic Neurogenesis?. Stem Cells, 2008, 26, 2749-2752.	3.2	26
76	Human Adult White Matter Progenitor Cells Are Multipotent Neuroprogenitors Similar to Adult Hippocampal Progenitors. Stem Cells Translational Medicine, 2014, 3, 458-469.	3.3	26
77	Lithium Sensitivity of Store Operated Ca2+ Entry and Survival of Fibroblasts Isolated from Chorea-Acanthocytosis Patients. Cellular Physiology and Biochemistry, 2017, 42, 2066-2077.	1.6	24
78	Usability of eyetracking computer systems and impact on psychological wellbeing in patients with advanced amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2018, 19, 212-219.	1.7	24
79	High content organelle trafficking enables disease state profiling as powerful tool for disease modelling. Scientific Data, 2018, 5, 180241.	5.3	24
80	Rapid and labelâ€free classification of human glioma cells by infrared spectroscopic imaging. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2008, 73A, 1158-1164.	1.5	23
81	Genome-wide expression profiling and functional network analysis upon neuroectodermal conversion of human mesenchymal stem cells suggest HIF-1 and miR-124a as important regulators. Experimental Cell Research, 2010, 316, 2760-2778.	2.6	23
82	Differentiation of Chromaffin Progenitor Cells to Dopaminergic Neurons. Cell Transplantation, 2012, 21, 2471-2486.	2.5	23
83	Human TDP-43 and FUS selectively affect motor neuron maturation and survival in a murine cell model of ALS by non-cell-autonomous mechanisms. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2015, 16, 431-441.	1.7	23
84	SQSTM1/p62 variants in 486 patients with familial ALS from Germany and Sweden. Neurobiology of Aging, 2020, 87, 139.e9-139.e15.	3.1	23
85	Alterations of Red Cell Membrane Properties in Nneuroacanthocytosis. PLoS ONE, 2013, 8, e76715.	2.5	22
86	Proton MR Spectroscopy of Neural Stem Cells: Does the Proton-NMR Peak at 1.28â€‰ppm Function As a Biomarker for Cell Type or State?. Rejuvenation Research, 2011, 14, 371-381.	1.8	21
87	Parkinsonâ€™s disease-like midbrain hyperechogenicity is frequent in amyotrophic lateral sclerosis. Journal of Neurology, 2013, 260, 454-457.	3.6	21
88	To die or not to die SGK1-sensitive ORAI/STIM in cell survival. Cell Calcium, 2018, 74, 29-34.	2.4	21
89	The Erythrocyte Sedimentation Rate and Its Relation to Cell Shape and Rigidity of Red Blood Cells from Chorea-Acanthocytosis Patients in an Off-Label Treatment with Dasatinib. Biomolecules, 2021, 11, 727.	4.0	21
90	DDX17 is involved in DNA damage repair and modifies FUS toxicity in an RGG-domain dependent manner. Acta Neuropathologica, 2021, 142, 515-536.	7.7	20

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91	FUS (fused in sarcoma) is a component of the cellular response to topoisomerase Iâ€“induced DNA breakage and transcriptional stress. Life Science Alliance, 2019, 2, e201800222.	2.8	20
92	Therapeutic targeting of Lyn kinase to treat chorea-acanthocytosis. Acta Neuropathologica Communications, 2021, 9, 81.	5.2	19
93	Interleukin-17 and Th17 Lymphocytes Directly Impair Motoneuron Survival of Wildtype and FUS-ALS Mutant Human iPSCs. International Journal of Molecular Sciences, 2021, 22, 8042.	4.1	19
94	A selectable all-in-one CRISPR prime editing piggyBac transposon allows for highly efficient gene editing in human cell lines. Scientific Reports, 2021, 11, 22154.	3.3	19
95	Combined anti-platelet therapy with aspirin and clopidogrel: Risk factor for thrombolysis-related intracerebral hemorrhage in acute ischemic stroke?. Journal of the Neurological Sciences, 2009, 284, 155-157.	0.6	18
96	Impairment in Respiratory Function Contributes to Olfactory Impairment in Amyotrophic Lateral Sclerosis. Frontiers in Neurology, 2018, 9, 79.	2.4	18
97	Routine Cerebrospinal Fluid (CSF) Parameters in Patients With Spinal Muscular Atrophy (SMA) Treated With Nusinersen. Frontiers in Neurology, 2019, 10, 1179.	2.4	18
98	Norepinephrine is a negative regulator of the adult periventricular neural stem cell niche. Stem Cells, 2020, 38, 1188-1201.	3.2	18
99	Acanthocyte Sedimentation Rate as a Diagnostic Biomarker for Neuroacanthocytosis Syndromes: Experimental Evidence and Physical Justification. Cells, 2021, 10, 788.	4.1	18
100	Perivascular Mesenchymal Stem Cells From the Adult Human Brain Harbor No Instrinsic Neuroectodermal but High Mesodermal Differentiation Potential. Stem Cells Translational Medicine, 2015, 4, 1223-1233.	3.3	17
101	Neurons, Erythrocytes and Beyond â€“The Diverse Functions of Chorein. NeuroSignals, 2017, 25, 117-126.	0.9	17
102	TDPâ€43 as structureâ€based biomarker in amyotrophic lateral sclerosis. Annals of Clinical and Translational Neurology, 2021, 8, 271-277.	3.7	17
103	Prion-like properties of disease-relevant proteins in amyotrophic lateral sclerosis. Journal of Neural Transmission, 2018, 125, 591-613.	2.8	16
104	Impairment of mitochondrial oxidative phosphorylation in skin fibroblasts of SALS and FALS patients is rescued by in vitro treatment with ROS scavengers. Experimental Neurology, 2021, 339, 113620.	4.1	16
105	Initiation of Dopaminergic Differentiation of Nurr1â^'Mesencephalic Precursor Cells Depends on Activation of Multiple Mitogen-Activated Protein Kinase Pathways. Stem Cells, 2009, 27, 2009-2021.	3.2	15
106	Assessment of Gene Variant Amenability for Pharmacological Chaperone Therapy with 1-Deoxygalactonojirimycin in Fabry Disease. International Journal of Molecular Sciences, 2020, 21, 956.	4.1	15
107	Symptomatic pharmacotherapy in ALS: data analysis from a platform-based medication management programme. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 783-785.	1.9	15
108	A Nation-Wide, Multi-Center Study on the Quality of Life of ALS Patients in Germany. Brain Sciences, 2021, 11, 372.	2.3	15

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109	Proteostasis regulators modulate proteasomal activity and gene expression to attenuate multiple phenotypes in Fabry disease. Biochemical Journal, 2020, 477, 359-380.	3.7	15
110	Neurotropic growth factors and glycosaminoglycan based matrices to induce dopaminergic tissue formation. Biomaterials, 2015, 67, 205-213.	11.4	14
111	Early Postnatal but Not Late Adult Neurogenesis Is Impaired in the Pitx3-Mutant Animal Model of Parkinson's Disease. Frontiers in Neuroscience, 2017, 11, 471.	2.8	14
112	Defective mitochondrial and lysosomal trafficking in chorea-acanthocytosis is independent of Src-kinase signaling. Molecular and Cellular Neurosciences, 2018, 92, 137-148.	2.2	14
113	Treatment satisfaction in 5q-spinal muscular atrophy under nusinersen therapy. Therapeutic Advances in Neurological Disorders, 2021, 14, 175628642199890.	3.5	14
114	Erysense, a Lab-on-a-Chip-Based Point-of-Care Device to Evaluate Red Blood Cell Flow Properties With Multiple Clinical Applications. Frontiers in Physiology, 2022, 13, 884690.	2.8	14
115	Pathomechanisms of ALS8: altered autophagy and defective RNA binding protein (RBP) homeostasis due to the VAPB P56S mutation. Cell Death and Disease, 2021, 12, 466.	6.3	13
116	Cognitive reserve and regional brain volume in amyotrophic lateral sclerosis. Cortex, 2021, 139, 240-248.	2.4	13
117	Patient-Reported Prevalence of Non-motor Symptoms Is Low in Adult Patients Suffering From 5q Spinal Muscular Atrophy. Frontiers in Neurology, 2019, 10, 1098.	2.4	12
118	Combined Dendritic and Axonal Deterioration Are Responsible for Motoneuronopathy in Patient-Derived Neuronal Cell Models of Chorea-Acanthocytosis. International Journal of Molecular Sciences, 2020, 21, 1797.	4.1	12
119	Increased chitotriosidase 1 concentration following nusinersen treatment in spinal muscular atrophy. Orphanet Journal of Rare Diseases, 2021, 16, 330.	2.7	12
120	â€œSilencedâ€•polydendrocytes: a new cell type within the oligodendrocyte progenitor cell population?. Cell and Tissue Research, 2010, 340, 45-50.	2.9	11
121	Genome Wide Analysis Points towards Subtype-Specific Diseases in Different Genetic Forms of Amyotrophic Lateral Sclerosis. International Journal of Molecular Sciences, 2020, 21, 6938.	4.1	11
122	Concomitant gain and loss of function pathomechanisms in C9ORF72 amyotrophic lateral sclerosis. Life Science Alliance, 2021, 4, e202000764.	2.8	11
123	XK-Associated McLeod Syndrome: Nonhematological Manifestations and Relation to VPS13A Disease. Transfusion Medicine and Hemotherapy, 2022, 49, 4-12.	1.6	11
124	Mechanistic Insight into the Mode of Action of Acid Î²-Glucosidase Enhancer Ambroxol. International Journal of Molecular Sciences, 2022, 23, 3536.	4.1	11
125	Alteration of Mitochondrial Integrity as Upstream Event in the Pathophysiology of SOD1-ALS. Cells, 2022, 11, 1246.	4.1	11
126	Axonal Transport, Phase-Separated Compartments, and Neuron Mechanics - A New Approach to Investigate Neurodegenerative Diseases. Frontiers in Cellular Neuroscience, 2018, 12, 358.	3.7	10

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127	Functional and Molecular Properties of DYT-SGCE Myoclonus-Dystonia Patient-Derived Striatal Medium Spiny Neurons. International Journal of Molecular Sciences, 2021, 22, 3565.	4.1	10
128	Impact of Organelle Transport Deficits on Mitophagy and Autophagy in Niemannâ€“Pick Disease Type C. Cells, 2022, 11, 507.	4.1	10
129	Offâ€Label Treatment of 4 Amyotrophic Lateral Sclerosis Patients With 4â€Aminopyridine. Journal of Clinical Pharmacology, 2019, 59, 1400-1404.	2.0	9
130	Oxidative Stress and Alterations in the Antioxidative Defense System in Neuronal Cells Derived from NPC1 Patient-Specific Induced Pluripotent Stem Cells. International Journal of Molecular Sciences, 2020, 21, 7667.	4.1	9
131	A molecular genetics view on Mucopolysaccharidosis Type II. Mutation Research - Reviews in Mutation Research, 2021, 788, 108392.	5.5	9
132	Direct Interaction of ATP7B and LC3B Proteins Suggests a Cooperative Role of Copper Transportation and Autophagy. Cells, 2021, 10, 3118.	4.1	9
133	Communicating Hydrocephalus Following Eosinophilic Meningitis Is Pathogenic for Chronic Viliuisk Encephalomyelitis in Northeastern Siberia. PLoS ONE, 2014, 9, e84670.	2.5	8
134	Deep brain stimulation in the globus pallidus compensates response inhibition deficits: evidence from pantothenate kinase-associated neurodegeneration. Brain Structure and Function, 2016, 221, 2251-2257.	2.3	8
135	Drug-induced endovesiculation of erythrocytes is modulated by the dynamics in the cytoskeleton/membrane interaction. Blood Cells, Molecules, and Diseases, 2017, 64, 15-22.	1.4	8
136	Pluripotent Stem Cells for Disease Modeling and Drug Discovery in Niemann-Pick Type C1. International Journal of Molecular Sciences, 2021, 22, 710.	4.1	8
137	A serum microRNA sequence reveals fragile X protein pathology in amyotrophic lateral sclerosis. Brain, 2021, 144, 1214-1229.	7.6	8
138	Targeting Lyn Kinase in Chorea-Acanthocytosis: A Translational Treatment Approach in a Rare Disease. Journal of Personalized Medicine, 2021, 11, 392.	2.5	8
139	One nerve suffices: A clinically guided nerve ultrasound protocol for the differentiation of multifocal motor neuropathy (MMN) and amyotrophic lateral sclerosis (ALS). Journal of Neurology, 2021, 268, 1495-1507.	3.6	8
140	Hemiplegic migraine with reversible cerebral vasoconstriction caused by ATP1A2 mutations. Journal of Neurology, 2013, 260, 2172-2174.	3.6	7
141	Alteration of GABAergic Input Precedes Neurodegeneration of Cerebellar Purkinje Cells of NPC1-Deficient Mice. International Journal of Molecular Sciences, 2019, 20, 6288.	4.1	7
142	MDS criteria for the diagnosis of progressive supranuclear palsy overemphasize Richardson syndrome. Annals of Clinical and Translational Neurology, 2020, 7, 1702-1707.	3.7	7
143	Reduced Expression of GABAA Receptor Alpha2 Subunit Is Associated With Disinhibition of DYT-THAP1 Dystonia Patient-Derived Striatal Medium Spiny Neurons. Frontiers in Cell and Developmental Biology, 2021, 9, 650586.	3.7	7
144	Human Spinal Motor Neurons Are Particularly Vulnerable to Cerebrospinal Fluid of Amyotrophic Lateral Sclerosis Patients. International Journal of Molecular Sciences, 2020, 21, 3564.	4.1	7

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145	Changes in Blood Cell Deformability in Chorea-Acanthocytosis and Effects of Treatment With Dasatinib or Lithium. Frontiers in Physiology, 2022, 13, 852946.	2.8	7
146	New Regulator for Energy Signaling Pathway in Plants Highlights Conservation Among Species. Science Signaling, 2010, 3, jc5.	3.6	6
147	Practically applicable nerve ultrasound models for the diagnosis of axonal and demyelinating hereditary motor and sensory neuropathies (HMSN). Journal of Neurology, 2018, 265, 165-177.	3.6	6
148	Stimulation of mGluR1/5 Improves Defective Internalization of AMPA Receptors in NPC1 Mutant Mouse. Cerebral Cortex, 2020, 30, 1465-1480.	2.9	6
149	Neurofilament light chain in serum is significantly increased in chorea-acanthocytosis. Parkinsonism and Related Disorders, 2020, 80, 28-31.	2.2	6
150	Caregiversâ€™ View of Socio-Medical Care in the Terminal Phase of Amyotrophic Lateral Sclerosisâ€"How Can We Improve Holistic Care in ALS?. Journal of Clinical Medicine, 2022, 11, 254.	2.4	6
151	Affection of Respiratory Muscles in ALS and SMA. Journal of Clinical Medicine, 2022, 11, 1163.	2.4	6
152	Vocal cord paralysis and rapid progressive motor neuron disease by the I113F mutation in SOD1 gene. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2011, 12, 382-384.	2.1	5
153	The diagnostic value of midbrain hyperechogenicity in ALS is limited for discriminating key ALS differential diagnoses. BMC Neurology, 2015, 15, 33.	1.8	5
154	Factor-Reduced Human Induced Pluripotent Stem Cells Efficiently Differentiate into Neurons Independent of the Number of Reprogramming Factors. Stem Cells International, 2016, 2016, 1-6.	2.5	5
155	Putaminal Dopamine Turnover in de novo Parkinsonâ€™s Disease Predicts Later Neuropsychiatric Fluctuations but Not Other Major Health Outcomes. Journal of Parkinson's Disease, 2019, 9, 693-704.	2.8	5
156	Generation of the Niemannâ€“Pick type C2 patient-derived iPSC line AKOSi001-A. Stem Cell Research, 2019, 41, 101606.	0.7	5
157	Determination of the Pathological Features of NPC1 Variants in a Cellular Complementation Test. International Journal of Molecular Sciences, 2019, 20, 5185.	4.1	5
158	9-Methyl-Î²-carboline inhibits monoamine oxidase activity and stimulates the expression of neurotrophic factors by astrocytes. Journal of Neural Transmission, 2020, 127, 999-1012.	2.8	5
159	Validity and reliability of the German multidimensional fatigue inventory in spinal muscular atrophy. Annals of Clinical and Translational Neurology, 2022, 9, 351-362.	3.7	5
160	Adaptative Up-Regulation of PRX2 and PRX5 Expression Characterizes Brain from a Mouse Model of Chorea-Acanthocytosis. Antioxidants, 2022, 11, 76.	5.1	5
161	Stage-dependent vulnerability of fetal mesencephalic neuroprogenitors towards dopaminergic neurotoxins. NeuroToxicology, 2008, 29, 714-721.	3.0	4
162	Increased Neuronal Differentiation Efficiency in High Cell Density-Derived Induced Pluripotent Stem Cells. Stem Cells International, 2019, 2019, 1-8.	2.5	4

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