Andreas Hermann

List of Publications by Citations

193 papers	4,758 citations	35 h-index	63 g-index
221 ext. papers	5,900 ext. citations	5.7 avg, IF	5.31 L-index

#	Paper	IF	Citations
193	Direct reprogramming of fibroblasts into neural stem cells by defined factors. *Cell Stem Cell*, **2012**, 10, 465-72	18	441
192	Efficient generation of neural stem cell-like cells from adult human bone marrow stromal cells. *Journal of Cell Science*, **2004**, 117, 4411-22	5.3	366
191	A star-PEG-heparin hydrogel platform to aid cell replacement therapies for neurodegenerative diseases. *Biomaterials*, **2009**, 30, 5049-60	15.6	254
190	Transcriptional profiles of CD133+ and CD133- glioblastoma-derived cancer stem cell lines suggest different cells of origin. *Cancer Research*, **2010**, 70, 2030-40	10.1	209
189	Impaired DNA damage response signaling by FUS-NLS mutations leads to neurodegeneration and FUS aggregate formation. *Nature Communications*, **2018**, 9, 335	17.4	139
188	A randomized, double blind, placebo-controlled trial of pioglitazone in combination with riluzole in amyotrophic lateral sclerosis. *PLoS ONE*, **2012**, 7, e37885	3.7	106
187	Comparative analysis of neuroectodermal differentiation capacity of human bone marrow stromal cells using various conversion protocols. *Journal of Neuroscience Research*, **2006**, 83, 1502-14	4.4	106
186	Nusinersen in adults with 5q spinal muscular atrophy: a non-interventional, multicentre, observational cohort study. *Lancet Neurology, The*, **2020**, 19, 317-325	24.1	98
185	Human iPSC models of neuronal ceroid lipofuscinosis capture distinct effects of TPP1 and CLN3 mutations on the endocytic pathway. *Human Molecular Genetics*, **2014**, 23, 2005-22	5.6	95
184	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, 1395-406	4.3	93
183	C9ORF72 interaction with cofilin modulates actin dynamics in motor neurons. *Nature Neuroscience*, **2016**, 19, 1610-1618	25.5	87
182	Multipotent neural stem cells from the adult tegmentum with dopaminergic potential develop essential properties of functional neurons. *Stem Cells*, **2006**, 24, 949-64	5.8	71
181	4-Aminopyridine Induced Activity Rescues Hypoexcitable Motor Neurons from Amyotrophic Lateral Sclerosis Patient-Derived Induced Pluripotent Stem Cells. *Stem Cells*, **2016**, 34, 1563-75	5.8	65
180	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	8	64
179	Direct conversion of mouse fibroblasts into induced neural stem cells. *Nature Protocols*, **2014**, 9, 871-81	18.8	63
178	Chorein-sensitive polymerization of cortical actin and suicidal cell death in chorea-acanthocytosis. *FASEB Journal*, **2012**, 26, 1526-34	0.9	60
177	Mesodermal cell types induce neurogenesis from adult human hippocampal progenitor cells. *Journal of Neurochemistry*, **2006**, 98, 629-40	6	57

176	Alterations in the hypothalamic melanocortin pathway in amyotrophic lateral sclerosis. *Brain*, **2016**, 139, 1106-22	11.2	56
175	Diagnosis and treatment of chorea syndromes. *Current Neurology and Neuroscience Reports*, **2015**, 15, 514	6.6	56
174	Genotype-phenotype study in patients with valosin-containing protein mutations associated with multisystem proteinopathy. *Clinical Genetics*, **2018**, 93, 119-125	4	55
173	Restorative approaches in Parkinson's Disease: which cell type wins the race?. *Journal of the Neurological Sciences*, **2010**, 289, 93-103	3.2	51
172	Transcription profiling of adult and fetal human neuroprogenitors identifies divergent paths to maintain the neuroprogenitor cell state. *Stem Cells*, **2007**, 25, 1231-40	5.8	51
171	Age-dependent neuroectodermal differentiation capacity of human mesenchymal stromal cells: limitations for autologous cell replacement strategies. *Cytotherapy*, **2010**, 12, 17-30	4.8	49
170	Antibodies inhibit transmission and aggregation of poly-GA dipeptide repeat proteins. *EMBO Molecular Medicine*, **2017**, 9, 687-702	12	48
169	Isolation of neural crest derived chromaffin progenitors from adult adrenal medulla. *Stem Cells*, **2009**, 27, 2602-13	5.8	47
168	FUS Mislocalization and Vulnerability to DNA Damage in ALS Patients Derived hiPSCs and Aging Motoneurons. *Frontiers in Cellular Neuroscience*, **2016**, 10, 290	6.1	44
167	Directed growth of adult human white matter stem cell-derived neurons on aligned fibrillar collagen. *Tissue Engineering - Part A*, **2010**, 16, 1103-13	3.9	42
166	Effect of High-Caloric Nutrition on Survival in Amyotrophic Lateral Sclerosis. *Annals of Neurology*, **2020**, 87, 206-216	9.4	42
165	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	5.5	41
164	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	7.5	41
163	Stepwise acquirement of hallmark neuropathology in FUS-ALS iPSC models depends on mutation type and neuronal aging. *Neurobiology of Disease*, **2015**, 82, 420-429	7.5	40
162	Differentiation efficiency of induced pluripotent stem cells depends on the number of reprogramming factors. *Stem Cells*, **2012**, 30, 570-9	5.8	40
161	Chorein sensitivity of cytoskeletal organization and degranulation of platelets. *FASEB Journal*, **2013**, 27, 2799-806	0.9	38
160	Rostro-caudal gradual loss of cellular diversity within the periventricular regions of the ventricular system. *Stem Cells*, **2009**, 27, 928-41	5.8	37
159	A new molecular link between defective autophagy and erythroid abnormalities in chorea-acanthocytosis. *Blood*, **2016**, 128, 2976-2987	2.2	36

158	Cerebrospinal fluid promotes survival and astroglial differentiation of adult human neural progenitor cells but inhibits proliferation and neuronal differentiation. *BMC Neuroscience*, **2010**, 11, 48	3.2	35
157	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, 653-70	5.4	35
156	Current state of knowledge in Chorea-Acanthocytosis as core Neuroacanthocytosis syndrome. *European Journal of Medical Genetics*, **2018**, 61, 699-705	2.6	34
155	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	3.2	33
154	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	6.6	32
153	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	24.1	30
152	The TGF-β System As a Potential Pathogenic Player in Disease Modulation of Amyotrophic Lateral Sclerosis. *Frontiers in Neurology*, **2017**, 8, 669	4.1	30
151	Small molecules for modulating protein driven liquid-liquid phase separation in treating neurodegenerative disease		30
150	Eye-tracking-based assessment suggests preserved well-being in locked-in patients. *Annals of Neurology*, **2017**, 81, 310-315	9.4	29
149	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	8	29
148	Reduced hnRNPA3 increases C9orf72 repeat RNA levels and dipeptide-repeat protein deposition. *EMBO Reports*, **2016**, 17, 1314-25	6.5	29
147	Motor Unit Number Index (MUNIX) of hand muscles is a disease biomarker for adult spinal muscular atrophy. *Clinical Neurophysiology*, **2019**, 130, 315-319	4.3	29
146	Neurofilaments and tau in CSF in an infant with SMA type 1 treated with nusinersen. *Journal of Neurology, Neurosurgery and Psychiatry*, **2019**, 90, 1068-1069	5.5	27
145	Prognostic factors in ALS: a comparison between Germany and China. *Journal of Neurology*, **2019**, 266, 1516-1525	5.5	27
144	Therapeutic decisions in ALS patients: cross-cultural differences and clinical implications. *Journal of Neurology*, **2018**, 265, 1600-1606	5.5	27
143	The concept and diagnostic criteria of primary lateral sclerosis. *Acta Neurologica Scandinavica*, **2017**, 136, 204-211	3.8	27
142	Neurorestoration in Parkinson's disease by cell replacement and endogenous regeneration. *Expert Opinion on Biological Therapy*, **2004**, 4, 131-43	5.4	27
141	Clinical features and differential diagnosis of flail arm syndrome. *Journal of Neurology*, **2016**, 263, 390-395	5.5	26

140	Phenotypes and malignancy risk of different FUS mutations in genetic amyotrophic lateral sclerosis. *Annals of Clinical and Translational Neurology*, **2019**, 6, 2384-2394	5.3	25
139	Non-Motor Symptoms in Patients Suffering from Motor Neuron Diseases. *Frontiers in Neurology*, **2016**, 7, 117	4.1	25
138	Poly-glycine-alanine exacerbates C9orf72 repeat expansion-mediated DNA damage via sequestration of phosphorylated ATM and loss of nuclear hnRNPA3. *Acta Neuropathologica*, **2020**, 139, 99-118	14.3	25
137	Neurochemical markers in CSF of adolescent and adult SMA patients undergoing nusinersen treatment. *Therapeutic Advances in Neurological Disorders*, **2019**, 12, 1756286419846058	6.6	24
136	Peripheral proinflammatory Th1/Th17 immune cell shift is linked to disease severity in amyotrophic lateral sclerosis. *Scientific Reports*, **2020**, 10, 5941	4.9	24
135	Reduced intraepidermal nerve fiber density in patients with REM sleep behavior disorder. *Parkinsonism and Related Disorders*, **2016**, 29, 10-6	3.6	24
134	Chorein Sensitive Arrangement of Cytoskeletal Architecture. *Cellular Physiology and Biochemistry*, **2015**, 37, 399-408	3.9	24
133	Oligodendrocytes enforce immune tolerance of the uninfected brain by purging the peripheral repertoire of autoreactive CD8+ T cells. *Immunity*, **2012**, 37, 134-46	32.3	24
132	Induced neural stem cells (iNSCs) in neurodegenerative diseases. *Journal of Neural Transmission*, **2013**, 120 Suppl 1, S19-25	4.3	22
131	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	4	22
130	CHCHD10 mutations p.R15L and p.G66V cause motoneuron disease by haploinsufficiency. *Human Molecular Genetics*, **2018**, 27, 706-715	5.6	21
129	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	5.6	20
128	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	3.6	20
127	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, 2760-78	4.2	20
126	Communication Matters-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	4.1	20
125	Human adult white matter progenitor cells are multipotent neuroprogenitors similar to adult hippocampal progenitors. *Stem Cells Translational Medicine*, **2014**, 3, 458-69	6.9	18
124	Parkinson's disease-like midbrain hyperechogenicity is frequent in amyotrophic lateral sclerosis. *Journal of Neurology*, **2013**, 260, 454-7	5.5	18
123	Proton MR spectroscopy of neural stem cells: does the proton-NMR peak at 1.28 ppm function as a biomarker for cell type or state?. *Rejuvenation Research*, **2011**, 14, 371-81	2.6	18

122	Differentiation of chromaffin progenitor cells to dopaminergic neurons. *Cell Transplantation*, **2012**, 21, 2471-86	4	18
121	Rapid and label-free classification of human glioma cells by infrared spectroscopic imaging. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2008**, 73A, 1158-64	4.6	18
120	Neurofilament light chain in serum of adolescent and adult SMA patients under treatment with nusinersen. *Journal of Neurology*, **2020**, 267, 36-44	5.5	18
119	Lithium Sensitivity of Store Operated Ca2+ Entry and Survival of Fibroblasts Isolated from Chorea-Acanthocytosis Patients. *Cellular Physiology and Biochemistry*, **2017**, 42, 2066-2077	3.9	17
118	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, 431-41	3.6	17
117	Perivascular Mesenchymal Stem Cells From the Adult Human Brain Harbor No Instrinsic Neuroectodermal but High Mesodermal Differentiation Potential. *Stem Cells Translational Medicine* , **2015**, 4, 1223-33	6.9	16
116	To die or not to die SGK1-sensitive ORAI/STIM in cell survival. *Cell Calcium*, **2018**, 74, 29-34	4	16
115	Alterations of red cell membrane properties in neuroacanthocytosis. *PLoS ONE*, **2013**, 8, e76715	3.7	16
114	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, 155-7	3.2	16
113	SQSTM1/p62 variants in 486 patients with familial ALS from Germany and Sweden. *Neurobiology of Aging*, **2020**, 87, 139.e9-139.e15	5.6	16
112	Initiation of dopaminergic differentiation of Nurr1(-) mesencephalic precursor cells depends on activation of multiple mitogen-activated protein kinase pathways. *Stem Cells*, **2009**, 27, 2009-21	5.8	15
111	KCNC1-related disorders: new de novo variants expand the phenotypic spectrum. *Annals of Clinical and Translational Neurology*, **2019**, 6, 1319-1326	5.3	14
110	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	3.6	14
109	Prion-like properties of disease-relevant proteins in amyotrophic lateral sclerosis. *Journal of Neural Transmission*, **2018**, 125, 591-613	4.3	13
108	Neurons, Erythrocytes and Beyond -The Diverse Functions of Chorein. *NeuroSignals*, **2017**, 25, 117-126	1.9	13
107	High content organelle trafficking enables disease state profiling as powerful tool for disease modelling. *Scientific Data*, **2018**, 5, 180241	8.2	13
106	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	5.5	12
105	Neurotropic growth factors and glycosaminoglycan based matrices to induce dopaminergic tissue formation. *Biomaterials*, **2015**, 67, 205-13	15.6	11

104	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	5.1	11
103	Norepinephrine is a negative regulator of the adult periventricular neural stem cell niche. *Stem Cells*, **2020**, 38, 1188-1201	5.8	10
102	Defective mitochondrial and lysosomal trafficking in chorea-acanthocytosis is independent of Src-kinase signaling. *Molecular and Cellular Neurosciences*, **2018**, 92, 137-148	4.8	10
101	Proteostasis regulators modulate proteasomal activity and gene expression to attenuate multiple phenotypes in Fabry disease. *Biochemical Journal*, **2020**, 477, 359-380	3.8	9
100	Axonal Transport, Phase-Separated Compartments, and Neuron Mechanics - A New Approach to Investigate Neurodegenerative Diseases. *Frontiers in Cellular Neuroscience*, **2018**, 12, 358	6.1	9
99	Impairment in Respiratory Function Contributes to Olfactory Impairment in Amyotrophic Lateral Sclerosis. *Frontiers in Neurology*, **2018**, 9, 79	4.1	8
98	Serum creatine kinase and creatinine in adult spinal muscular atrophy under nusinersen treatment. *Annals of Clinical and Translational Neurology*, **2021**, 8, 1049-1063	5.3	8
97	Informal Caregiving in Amyotrophic Lateral Sclerosis (ALS): A High Caregiver Burden and Drastic Consequences on Caregivers' Lives. *Brain Sciences*, **2021**, 11,	3.4	8
96	Symptomatic pharmacotherapy in ALS: data analysis from a platform-based medication management programme. *Journal of Neurology, Neurosurgery and Psychiatry*, **2020**, 91, 783-785	5.5	7
95	"Silenced" polydendrocytes: a new cell type within the oligodendrocyte progenitor cell population?. *Cell and Tissue Research*, **2010**, 340, 45-50	4.2	7
94	FUS (fused in sarcoma) is a component of the cellular response to topoisomerase I-induced DNA breakage and transcriptional stress. *Life Science Alliance*, **2019**, 2,	5.8	7
93	Deep brain stimulation in the globus pallidus compensates response inhibition deficits: evidence from pantothenate kinase-associated neurodegeneration. *Brain Structure and Function*, **2016**, 221, 2251-7	4	6
92	Hemiplegic migraine with reversible cerebral vasoconstriction caused by ATP1A2 mutations. *Journal of Neurology*, **2013**, 260, 2172-4	5.5	6
91	Communicating hydrocephalus following eosinophilic meningitis is pathogenic for chronic Viliuisk encephalomyelitis in Northeastern Siberia. *PLoS ONE*, **2014**, 9, e84670	3.7	6
90	Acanthocyte Sedimentation Rate as a Diagnostic Biomarker for Neuroacanthocytosis Syndromes: Experimental Evidence and Physical Justification. *Cells*, **2021**, 10,	7.9	6
89	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	5.7	6
88	Routine Cerebrospinal Fluid (CSF) Parameters in Patients With Spinal Muscular Atrophy (SMA) Treated With Nusinersen. *Frontiers in Neurology*, **2019**, 10, 1179	4.1	6
87	Drug-induced endovesiculation of erythrocytes is modulated by the dynamics in the cytoskeleton/membrane interaction. *Blood Cells, Molecules, and Diseases*, **2017**, 64, 15-22	2.1	5

86	The diagnostic value of midbrain hyperechogenicity in ALS is limited for discriminating key ALS differential diagnoses. *BMC Neurology*, **2015**, 15, 33	3.1	5
85	Assessment of Gene Variant Amenability for Pharmacological Chaperone Therapy with 1-Deoxygalactonojirimycin in Fabry Disease. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	5
84	Putaminal Dopamine Turnover in de novo Parkinson's Disease Predicts Later Neuropsychiatric Fluctuations but Not Other Major Health Outcomes. *Journal of Parkinson's Disease*, **2019**, 9, 693-704	5.3	5
83	Generation of the Niemann-Pick type C2 patient-derived iPSC line AKOSi001-A. *Stem Cell Research*, **2019**, 41, 101606	1.6	5
82	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, 382-4		5
81	Safety and Effectiveness of Long-term Intravenous Administration of Edaravone for Treatment of Patients With Amyotrophic Lateral Sclerosis.. *JAMA Neurology*, **2022**,	17.2	5
80	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	5.5	5
79	Neurofilament light chain in serum is significantly increased in chorea-acanthocytosis. *Parkinsonism and Related Disorders*, **2020**, 80, 28-31	3.6	5
78	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,	6.3	5
77	Cognitive reserve and regional brain volume in amyotrophic lateral sclerosis. *Cortex*, **2021**, 139, 240-248	3.8	5
76	Stimulation of mGluR1/5 Improves Defective Internalization of AMPA Receptors in NPC1 Mutant Mouse. *Cerebral Cortex*, **2020**, 30, 1465-1480	5.1	5
75	TDP-43 as structure-based biomarker in amyotrophic lateral sclerosis. *Annals of Clinical and Translational Neurology*, **2021**, 8, 271-277	5.3	5
74	Treatment satisfaction in 5q-spinal muscular atrophy under nusinersen therapy. *Therapeutic Advances in Neurological Disorders*, **2021**, 14, 1756286421998902	6.6	5
73	Off-Label Treatment of 4 Amyotrophic Lateral Sclerosis Patients With 4-Aminopyridine. *Journal of Clinical Pharmacology*, **2019**, 59, 1400-1404	2.9	4
72	Patient-Reported Prevalence of Non-motor Symptoms Is Low in Adult Patients Suffering From 5q Spinal Muscular Atrophy. *Frontiers in Neurology*, **2019**, 10, 1098	4.1	4
71	New regulator for energy signaling pathway in plants highlights conservation among species. *Science Signaling*, **2010**, 3, jc5	8.8	4
70	Stage-dependent vulnerability of fetal mesencephalic neuroprogenitors towards dopaminergic neurotoxins. *NeuroToxicology*, **2008**, 29, 714-21	4.4	4
69	Human Spinal Motor Neurons Are Particularly Vulnerable to Cerebrospinal Fluid of Amyotrophic Lateral Sclerosis Patients. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	4

68	Therapeutic targeting of Lyn kinase to treat chorea-acanthocytosis. *Acta Neuropathologica Communications*, **2021**, 9, 81	7.3	4
67	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	9.8	4
66	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,	5.9	4
65	Factor-Reduced Human Induced Pluripotent Stem Cells Efficiently Differentiate into Neurons Independent of the Number of Reprogramming Factors. *Stem Cells International*, **2016**, 2016, 4736159	5	4
64	Alteration of GABAergic Input Precedes Neurodegeneration of Cerebellar Purkinje Cells of NPC1-Deficient Mice. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	4
63	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	5.5	4
62	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,	6.3	3
61	Determination of the Pathological Features of NPC1 Variants in a Cellular Complementation Test. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	3
60	Lack of vascular endothelial growth factor receptor-2/Flk1 signaling does not affect substantia nigra development. *Neuroscience Letters*, **2013**, 553, 142-7	3.3	3
59	A Case of Beta-propeller Protein-associated Neurodegeneration due to a Heterozygous Deletion of. *Tremor and Other Hyperkinetic Movements*, **2017**, 7, 465	2	3
58	Combined fluorescence, optical diffraction tomography and Brillouin microscopy		3
57	Catecholaminergic Innervation of Periventricular Neurogenic Regions of the Developing Mouse Brain. *Frontiers in Neuroanatomy*, **2020**, 14, 558435	3.6	3
56	Targeting Lyn Kinase in Chorea-Acanthocytosis: A Translational Treatment Approach in a Rare Disease. *Journal of Personalized Medicine*, **2021**, 11,	3.6	3
55	DDX17 is involved in DNA damage repair and modifies FUS toxicity in an RGG-domain dependent manner. *Acta Neuropathologica*, **2021**, 142, 515-536	14.3	3
54	9-Methyl-β-carboline inhibits monoamine oxidase activity and stimulates the expression of neurotrophic factors by astrocytes. *Journal of Neural Transmission*, **2020**, 127, 999-1012	4.3	3
53	Pluripotent Stem Cells for Disease Modeling and Drug Discovery in Niemann-Pick Type C1. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	3
52	A Nation-Wide, Multi-Center Study on the Quality of Life of ALS Patients in Germany. *Brain Sciences*, **2021**, 11,	3.4	3
51	Interleukin-17 and Th17 Lymphocytes Directly Impair Motoneuron Survival of Wildtype and FUS-ALS Mutant Human iPSCs. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	3

50	Palatal Tremor with Progressive Ataxia Secondary to A Dural Arteriovenous Fistula. *Movement Disorders Clinical Practice*, **2019**, 6, 327-329	2.2	2
49	Reduced LRRK2-positive neurons in the striatum of Parkinson disease patients hypothesize a retrograde disease mechanism?. *Basal Ganglia*, **2012**, 2, 67-72		2
48	Loss of "insight" into behavioral changes in ALS: Differences across cognitive profiles. *Brain and Behavior*, **2021**, 12, e2439	3.4	2
47	MDS criteria for the diagnosis of progressive supranuclear palsy overemphasize Richardson syndrome. *Annals of Clinical and Translational Neurology*, **2020**, 7, 1702-1707	5.3	2
46	Genome Wide Analysis Points towards Subtype-Specific Diseases in Different Genetic Forms of Amyotrophic Lateral Sclerosis. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	2
45	Functional and Molecular Properties of DYT-SGCE Myoclonus-Dystonia Patient-Derived Striatal Medium Spiny Neurons. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	2
44	Cerebellar atrophy on top of motor neuron compromise as indicator of late-onset GM2 gangliosidosis. *Journal of Neurology*, **2021**, 268, 2259-2262	5.5	2
43	Reconditioning the Neurogenic Niche of Adult Non-human Primates by Antisense Oligonucleotide-Mediated Attenuation of TGF Signaling. *Neurotherapeutics*, **2021**, 18, 1963-1979	6.4	2
42	A serum microRNA sequence reveals fragile X protein pathology in amyotrophic lateral sclerosis. *Brain*, **2021**, 144, 1214-1229	11.2	2
41	Reduced Expression of GABA 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	5.7	2
40	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	11.5	2
39	MAPT mutation associated with frontotemporal dementia and parkinsonism (FTDP-17). *International Psychogeriatrics*, **2017**, 29, 869-871	3.4	1
38	Reply to "Converse well-being of locked-in patients and caregivers". *Annals of Neurology*, **2017**, 82, 491-493	9.4	1
37	Width of 3(rd) ventricle determined by brain stem sonography does not distinguish bulbar motor syndromes. *Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration*, **2014**, 15, 618-20	3.6	1
36	XK-Associated McLeod Syndrome: Nonhematological Manifestations and Relation to VPS13A Disease.. *Transfusion Medicine and Hemotherapy*, **2022**, 49, 4-12	4.2	1
35	Correlative all-optical quantification of mass density and mechanics of sub-cellular compartments with fluorescence specificity.. *ELife*, **2022**, 11,	8.9	1
34	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	4.9	1
33	High content live profiling reveals concomitant gain and loss of function pathomechanisms in C9ORF72 amyotrophic lateral sclerosis		1

32	Chorea-Acanthocytosis **2014**, 31-55		1
31	Generation of an iPSC line (AKOSi006-A) from fibroblasts of an NPC1 patient, carrying the homozygous mutation p.I1061T (c.3182T>C) and a control iPSC line (AKOSi007-A) using a non-integrating Sendai virus system. *Stem Cell Research*, **2020**, 49, 102056	1.6	1
30	Targeting Lyn Kinase in Chorea-Acanthocytosis: A Translational Treatment Approach in an Ultra-Rare Disease		1
29	Chronic-Progressive Dopaminergic Deficiency Does Not Induce Midbrain Neurogenesis. *Cells*, **2021**, 10,	7.9	1
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