

Andreas Hermann

List of Publications by Year in descending order

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Version: 2024-02-01

201
papers

6,950
citations

66234

42
h-index

82410

72
g-index

221
all docs

221
docs citations

221
times ranked

9495
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Reprogramming of Fibroblasts into Neural Stem Cells by Defined Factors. <i>Cell Stem Cell</i> , 2012, 10, 465-472.	5.2	511
2	Efficient generation of neural stem cell-like cells from adult human bone marrow stromal cells. <i>Journal of Cell Science</i> , 2004, 117, 4411-4422.	1.2	411
3	A star-PEGâ€“heparin hydrogel platform to aid cell replacement therapies for neurodegenerative diseases. <i>Biomaterials</i> , 2009, 30, 5049-5060.	5.7	272
4	Transcriptional Profiles of CD133+ and CD133â€” Glioblastoma-Derived Cancer Stem Cell Lines Suggest Different Cells of Origin. <i>Cancer Research</i> , 2010, 70, 2030-2040.	0.4	237
5	Impaired DNA damage response signaling by FUS-NLS mutations leads to neurodegeneration and FUS aggregate formation. <i>Nature Communications</i> , 2018, 9, 335.	5.8	217
6	Nusinersen in adults with 5q spinal muscular atrophy: a non-interventional, multicentre, observational cohort study. <i>Lancet Neurology</i> , The, 2020, 19, 317-325.	4.9	196
7	C9ORF72 interaction with cofilin modulates actin dynamics in motor neurons. <i>Nature Neuroscience</i> , 2016, 19, 1610-1618.	7.1	131
8	A Randomized, Double Blind, Placebo-Controlled Trial of Pioglitazone in Combination with Riluzole in Amyotrophic Lateral Sclerosis. <i>PLoS ONE</i> , 2012, 7, e37885.	1.1	125
9	Human iPSC models of neuronal ceroid lipofuscinosis capture distinct effects of TPP1 and CLN3 mutations on the endocytic pathway. <i>Human Molecular Genetics</i> , 2014, 23, 2005-2022.	1.4	121
10	Comparative analysis of neuroectodermal differentiation capacity of human bone marrow stromal cells using various conversion protocols. <i>Journal of Neuroscience Research</i> , 2006, 83, 1502-1514.	1.3	117
11	Intrathecal application of neuroectodermally converted stem cells into a mouse model of ALS: limited intraparenchymal migration and survival narrows therapeutic effects. <i>Journal of Neural Transmission</i> , 2007, 114, 1395-1406.	1.4	109
12	4-Aminopyridine Induced Activity Rescues Hypoexcitable Motor Neurons from Amyotrophic Lateral Sclerosis Patient-Derived Induced Pluripotent Stem Cells. <i>Stem Cells</i> , 2016, 34, 1563-1575.	1.4	109
13	Effect of Highâ€“Caloric Nutrition on Survival in Amyotrophic Lateral Sclerosis. <i>Annals of Neurology</i> , 2020, 87, 206-216.	2.8	105
14	Genotypeâ€“phenotype study in patients with valosinâ€“containing protein mutations associated with multisystem proteinopathy. <i>Clinical Genetics</i> , 2018, 93, 119-125.	1.0	100
15	Isogenic FUS-eGFP iPSC Reporter Lines Enable Quantification of FUS Stress Granule Pathology that Is Rescued by Drugs Inducing Autophagy. <i>Stem Cell Reports</i> , 2018, 10, 375-389.	2.3	95
16	Diagnosis and Treatment of Chorea Syndromes. <i>Current Neurology and Neuroscience Reports</i> , 2015, 15, 514.	2.0	80
17	Alterations in the hypothalamic melanocortin pathway in amyotrophic lateral sclerosis. <i>Brain</i> , 2016, 139, 1106-1122.	3.7	80
18	Multipotent Neural Stem Cells from the Adult Tegmentum with Dopaminergic Potential Develop Essential Properties of Functional Neurons. <i>Stem Cells</i> , 2006, 24, 949-964.	1.4	79

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19	Safety and Effectiveness of Long-term Intravenous Administration of Edaravone for Treatment of Patients With Amyotrophic Lateral Sclerosis. <i>JAMA Neurology</i> , 2022, 79, 121.	4.5	78
20	Chorea-sensitive polymerization of cortical actin and suicidal cell death in chorea-acanthocytosis. <i>FASEB Journal</i> , 2012, 26, 1526-1534.	0.2	75
21	Antibodies inhibit transmission and aggregation of poly(GA) dipeptide repeat proteins. <i>EMBO Molecular Medicine</i> , 2017, 9, 687-702.	3.3	70
22	Direct conversion of mouse fibroblasts into induced neural stem cells. <i>Nature Protocols</i> , 2014, 9, 871-881.	5.5	69
23	FUS Mislocalization and Vulnerability to DNA Damage in ALS Patients Derived hiPSCs and Aging Motoneurons. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 290.	1.8	67
24	Age-dependent neurodegeneration and organelle transport deficiencies in mutant TDP43 patient-derived neurons are independent of TDP43 aggregation. <i>Neurobiology of Disease</i> , 2018, 115, 167-181.	2.1	67
25	Mesodermal cell types induce neurogenesis from adult human hippocampal progenitor cells. <i>Journal of Neurochemistry</i> , 2006, 98, 629-640.	2.1	63
26	Age-dependent neuroectodermal differentiation capacity of human mesenchymal stromal cells: limitations for autologous cell replacement strategies. <i>Cytotherapy</i> , 2010, 12, 17-30.	0.3	61
27	Differentiation Efficiency of Induced Pluripotent Stem Cells Depends on the Number of Reprogramming Factors. <i>Stem Cells</i> , 2012, 30, 570-579.	1.4	60
28	Isolation of Neural Crest Derived Chromaffin Progenitors from Adult Adrenal Medulla. <i>Stem Cells</i> , 2009, 27, 2602-2613.	1.4	59
29	Restorative approaches in Parkinson's Disease: Which cell type wins the race?. <i>Journal of the Neurological Sciences</i> , 2010, 289, 93-103.	0.3	59
30	Stepwise acquirement of hallmark neuropathology in FUS-ALS iPSC models depends on mutation type and neuronal aging. <i>Neurobiology of Disease</i> , 2015, 82, 420-429.	2.1	59
31	Peripheral proinflammatory Th1/Th17 immune cell shift is linked to disease severity in amyotrophic lateral sclerosis. <i>Scientific Reports</i> , 2020, 10, 5941.	1.6	59
32	Transcription Profiling of Adult and Fetal Human Neuroprogenitors Identifies Divergent Paths to Maintain the Neuroprogenitor Cell State. <i>Stem Cells</i> , 2007, 25, 1231-1240.	1.4	56
33	Nerve ultrasound in the differentiation of multifocal motor neuropathy (MMN) and amyotrophic lateral sclerosis with predominant lower motor neuron disease (ALS/LMND). <i>Journal of Neurology</i> , 2016, 263, 35-44.	1.8	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. <i>Lancet Neurology</i> , The, 2018, 17, 681-688.	4.9	51
35	Current state of knowledge in Chorea-Acanthocytosis as core Neuroacanthocytosis syndrome. <i>European Journal of Medical Genetics</i> , 2018, 61, 699-705.	0.7	50
36	Phenotypes and malignancy risk of different FUS mutations in genetic amyotrophic lateral sclerosis. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 2384-2394.	1.7	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 hnRNP3. <i>Acta Neuropathologica</i> , 2020, 139, 99-118.	3.9	49
38	Knocking out C9ORF72 Exacerbates Axonal Trafficking Defects Associated with Hexanucleotide Repeat Expansion and Reduces Levels of Heat Shock Proteins. <i>Stem Cell Reports</i> , 2020, 14, 390-405.	2.3	48
39	Chorein sensitivity of cytoskeletal organization and degranulation of platelets. <i>FASEB Journal</i> , 2013, 27, 2799-2806.	0.2	47
40	A new molecular link between defective autophagy and erythroid abnormalities in chorea-acanthocytosis. <i>Blood</i> , 2016, 128, 2976-2987.	0.6	47
41	Neurofilament light chain in serum of adolescent and adult SMA patients under treatment with nusinersen. <i>Journal of Neurology</i> , 2020, 267, 36-44.	1.8	47
42	Directed Growth of Adult Human White Matter Stem Cellâ€Derived Neurons on Aligned Fibrillar Collagen. <i>Tissue Engineering - Part A</i> , 2010, 16, 1103-1113.	1.6	46
43	Physical activity and environmental enrichment regulate the generation of neural precursors in the adult mouse substantia nigra in a dopamine-dependent manner. <i>BMC Neuroscience</i> , 2012, 13, 132.	0.8	46
44	Prognostic factors in ALS: a comparison between Germany and China. <i>Journal of Neurology</i> , 2019, 266, 1516-1525.	1.8	46
45	Epigenetic conversion of human adult bone mesodermal stromal cells into neuroectodermal cell types for replacement therapy of neurodegenerative disorders. <i>Expert Opinion on Biological Therapy</i> , 2006, 6, 653-670.	1.4	44
46	Neurofilaments and tau in CSF in an infant with SMA type 1 treated with nusinersen. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 1068.2-1069.	0.9	44
47	Motor Unit Number Index (MUNIX) of hand muscles is a disease biomarker for adult spinal muscular atrophy. <i>Clinical Neurophysiology</i> , 2019, 130, 315-319.	0.7	44
48	Non-Motor Symptoms in Patients Suffering from Motor Neuron Diseases. <i>Frontiers in Neurology</i> , 2016, 7, 117.	1.1	43
49	<i>KCNC1</i> -related disorders: new de novo variants expand the phenotypic spectrum. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 1319-1326.	1.7	43
50	The TGF- β 2 System As a Potential Pathogenic Player in Disease Modulation of Amyotrophic Lateral Sclerosis. <i>Frontiers in Neurology</i> , 2017, 8, 669.	1.1	42
51	Neurochemical markers in CSF of adolescent and adult SMA patients undergoing nusinersen treatment. <i>Therapeutic Advances in Neurological Disorders</i> , 2019, 12, 175628641984605.	1.5	41
52	Cerebrospinal fluid promotes survival and astroglial differentiation of adult human neural progenitor cells but inhibits proliferation and neuronal differentiation. <i>BMC Neuroscience</i> , 2010, 11, 48.	0.8	40
53	Neuronal Dysfunction in iPSC-Derived Medium Spiny Neurons from Chorea-Acanthocytosis Patients Is Reversed by Src Kinase Inhibition and F-Actin Stabilization. <i>Journal of Neuroscience</i> , 2016, 36, 12027-12043.	1.7	40
54	Communication Mattersâ€Pitfalls and Promise of Hightech Communication Devices in Palliative Care of Severely Physically Disabled Patients With Amyotrophic Lateral Sclerosis. <i>Frontiers in Neurology</i> , 2018, 9, 603.	1.1	40

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55	Rostro-Caudal Gradual Loss of Cellular Diversity Within the Periventricular Regions of the Ventricular System. <i>Stem Cells</i> , 2009, 27, 928-941.	1.4	39
56	Reduced hnRNP A3 increases C9orf72 repeat RNA levels and dipeptide repeat protein deposition. <i>EMBO Reports</i> , 2016, 17, 1314-1325.	2.0	39
57	Altered calcium dynamics and glutamate receptor properties in iPSC-derived motor neurons from ALS patients with C9orf72, FUS, SOD1 or TDP43 mutations. <i>Human Molecular Genetics</i> , 2019, 28, 2835-2850.	1.4	39
58	Eye-tracking based assessment suggests preserved well-being in locked-in patients. <i>Annals of Neurology</i> , 2017, 81, 310-315.	2.8	37
59	Correlative all-optical quantification of mass density and mechanics of subcellular compartments with fluorescence specificity. <i>ELife</i> , 2022, 11, .	2.8	37
60	Effect of high-caloric nutrition on serum neurofilament light chain levels in amyotrophic lateral sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 1007-1009.	0.9	36
61	Therapeutic decisions in ALS patients: cross-cultural differences and clinical implications. <i>Journal of Neurology</i> , 2018, 265, 1600-1606.	1.8	34
62	Depending on the stress, histone deacetylase inhibitors act as heat shock protein co-inducers in motor neurons and potentiate arimocloamol, exerting neuroprotection through multiple mechanisms in ALS models. <i>Cell Stress and Chaperones</i> , 2020, 25, 173-191.	1.2	34
63	Provision of assistive technology devices among people with ALS in Germany: a platform-case management approach. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2018, 19, 342-350.	1.1	33
64	Oligodendrocytes Enforce Immune Tolerance of the Uninfected Brain by Purging the Peripheral Repertoire of Autoreactive CD8+ T Cells. <i>Immunity</i> , 2012, 37, 134-146.	6.6	32
65	Clinical features and differential diagnosis of flail arm syndrome. <i>Journal of Neurology</i> , 2016, 263, 390-395.	1.8	32
66	The concept and diagnostic criteria of primary lateral sclerosis. <i>Acta Neurologica Scandinavica</i> , 2017, 136, 204-211.	1.0	32
67	CHCHD10 mutations p.R15L and p.G66V cause motoneuron disease by haploinsufficiency. <i>Human Molecular Genetics</i> , 2018, 27, 706-715.	1.4	30
68	Informal Caregiving in Amyotrophic Lateral Sclerosis (ALS): A High Caregiver Burden and Drastic Consequences on Caregivers' Lives. <i>Brain Sciences</i> , 2021, 11, 748.	1.1	30
69	Neurorestoration in Parkinson's disease by cell replacement and endogenous regeneration. <i>Expert Opinion on Biological Therapy</i> , 2004, 4, 131-143.	1.4	29
70	Reduced intraepidermal nerve fiber density in patients with REM sleep behavior disorder. <i>Parkinsonism and Related Disorders</i> , 2016, 29, 10-16.	1.1	29
71	Serum creatine kinase and creatinine in adult spinal muscular atrophy under nusinersen treatment. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 1049-1063.	1.7	29
72	Induced neural stem cells (iNSCs) in neurodegenerative diseases. <i>Journal of Neural Transmission</i> , 2013, 120, 19-25.	1.4	28

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73	Chorein Sensitive Arrangement of Cytoskeletal Architecture. Cellular Physiology and Biochemistry, 2015, 37, 399-408.	1.1	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.	3.3	28
75	Endogenous Regeneration in Parkinson's Disease: Do We Need <i>Orthotopic</i> Dopaminergic Neurogenesis?. Stem Cells, 2008, 26, 2749-2752.	1.4	26
76	Human Adult White Matter Progenitor Cells Are Multipotent Neuroprogenitors Similar to Adult Hippocampal Progenitors. Stem Cells Translational Medicine, 2014, 3, 458-469.	1.6	26
77	Lithium Sensitivity of Store Operated Ca ²⁺ Entry and Survival of Fibroblasts Isolated from Chorea-Acanthocytosis Patients. Cellular Physiology and Biochemistry, 2017, 42, 2066-2077.	1.1	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.	1.1	24
79	High content organelle trafficking enables disease state profiling as powerful tool for disease modelling. Scientific Data, 2018, 5, 180241.	2.4	24
80	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, 1158-1164.	1.1	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.	1.2	23
82	Differentiation of Chromaffin Progenitor Cells to Dopaminergic Neurons. Cell Transplantation, 2012, 21, 2471-2486.	1.2	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.	1.1	23
84	SQSTM1/p62 variants in 486 patients with familial ALS from Germany and Sweden. Neurobiology of Aging, 2020, 87, 139.e9-139.e15.	1.5	23
85	Alterations of Red Cell Membrane Properties in Nneuroacanthocytosis. PLoS ONE, 2013, 8, e76715.	1.1	22
86	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, 371-381.	0.9	21
87	Parkinson's disease-like midbrain hyperechogenicity is frequent in amyotrophic lateral sclerosis. Journal of Neurology, 2013, 260, 454-457.	1.8	21
88	To die or not to die SGK1-sensitive ORAI/STIM in cell survival. Cell Calcium, 2018, 74, 29-34.	1.1	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.	1.8	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.	3.9	20

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91	FUS (fused in sarcoma) is a component of the cellular response to topoisomerase induced DNA breakage and transcriptional stress. <i>Life Science Alliance</i> , 2019, 2, e201800222.	1.3	20
92	Therapeutic targeting of Lyn kinase to treat chorea-acanthocytosis. <i>Acta Neuropathologica Communications</i> , 2021, 9, 81.	2.4	19
93	Interleukin-17 and Th17 Lymphocytes Directly Impair Motoneuron Survival of Wildtype and FUS-ALS Mutant Human iPSCs. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8042.	1.8	19
94	A selectable all-in-one CRISPR prime editing piggyBac transposon allows for highly efficient gene editing in human cell lines. <i>Scientific Reports</i> , 2021, 11, 22154.	1.6	19
95	Combined anti-platelet therapy with aspirin and clopidogrel: Risk factor for thrombolysis-related intracerebral hemorrhage in acute ischemic stroke?. <i>Journal of the Neurological Sciences</i> , 2009, 284, 155-157.	0.3	18
96	Impairment in Respiratory Function Contributes to Olfactory Impairment in Amyotrophic Lateral Sclerosis. <i>Frontiers in Neurology</i> , 2018, 9, 79.	1.1	18
97	Routine Cerebrospinal Fluid (CSF) Parameters in Patients With Spinal Muscular Atrophy (SMA) Treated With Nusinersen. <i>Frontiers in Neurology</i> , 2019, 10, 1179.	1.1	18
98	Norepinephrine is a negative regulator of the adult periventricular neural stem cell niche. <i>Stem Cells</i> , 2020, 38, 1188-1201.	1.4	18
99	Acanthocyte Sedimentation Rate as a Diagnostic Biomarker for Neuroacanthocytosis Syndromes: Experimental Evidence and Physical Justification. <i>Cells</i> , 2021, 10, 788.	1.8	18
100	Perivascular Mesenchymal Stem Cells From the Adult Human Brain Harbor No Intrinsic Neuroectodermal but High Mesodermal Differentiation Potential. <i>Stem Cells Translational Medicine</i> , 2015, 4, 1223-1233.	1.6	17
101	Neurons, Erythrocytes and Beyond – The Diverse Functions of Chorein. <i>NeuroSignals</i> , 2017, 25, 117-126.	0.5	17
102	TDP43 as structure-based biomarker in amyotrophic lateral sclerosis. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 271-277.	1.7	17
103	Prion-like properties of disease-relevant proteins in amyotrophic lateral sclerosis. <i>Journal of Neural Transmission</i> , 2018, 125, 591-613.	1.4	16
104	Impairment of mitochondrial oxidative phosphorylation in skin fibroblasts of SALS and FALS patients is rescued by in vitro treatment with ROS scavengers. <i>Experimental Neurology</i> , 2021, 339, 113620.	2.0	16
105	Initiation of Dopaminergic Differentiation of Nurr1 Mesencephalic Precursor Cells Depends on Activation of Multiple Mitogen-Activated Protein Kinase Pathways. <i>Stem Cells</i> , 2009, 27, 2009-2021.	1.4	15
106	Assessment of Gene Variant Amenability for Pharmacological Chaperone Therapy with 1-Deoxygalactonojirimycin in Fabry Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 956.	1.8	15
107	Symptomatic pharmacotherapy in ALS: data analysis from a platform-based medication management programme. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 783-785.	0.9	15
108	A Nation-Wide, Multi-Center Study on the Quality of Life of ALS Patients in Germany. <i>Brain Sciences</i> , 2021, 11, 372.	1.1	15

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109	Proteostasis regulators modulate proteasomal activity and gene expression to attenuate multiple phenotypes in Fabry disease. <i>Biochemical Journal</i> , 2020, 477, 359-380.	1.7	15
110	Neurotropic growth factors and glycosaminoglycan based matrices to induce dopaminergic tissue formation. <i>Biomaterials</i> , 2015, 67, 205-213.	5.7	14
111	Early Postnatal but Not Late Adult Neurogenesis Is Impaired in the Pitx3-Mutant Animal Model of Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2017, 11, 471.	1.4	14
112	Defective mitochondrial and lysosomal trafficking in chorea-acanthocytosis is independent of Src-kinase signaling. <i>Molecular and Cellular Neurosciences</i> , 2018, 92, 137-148.	1.0	14
113	Treatment satisfaction in 5q-spinal muscular atrophy under nusinersen therapy. <i>Therapeutic Advances in Neurological Disorders</i> , 2021, 14, 175628642199890.	1.5	14
114	Erysense, a Lab-on-a-Chip-Based Point-of-Care Device to Evaluate Red Blood Cell Flow Properties With Multiple Clinical Applications. <i>Frontiers in Physiology</i> , 2022, 13, 884690.	1.3	14
115	Pathomechanisms of ALS8: altered autophagy and defective RNA binding protein (RBP) homeostasis due to the VAPB P56S mutation. <i>Cell Death and Disease</i> , 2021, 12, 466.	2.7	13
116	Cognitive reserve and regional brain volume in amyotrophic lateral sclerosis. <i>Cortex</i> , 2021, 139, 240-248.	1.1	13
117	Patient-Reported Prevalence of Non-motor Symptoms Is Low in Adult Patients Suffering From 5q Spinal Muscular Atrophy. <i>Frontiers in Neurology</i> , 2019, 10, 1098.	1.1	12
118	Combined Dendritic and Axonal Deterioration Are Responsible for Motoneuronopathy in Patient-Derived Neuronal Cell Models of Chorea-Acanthocytosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1797.	1.8	12
119	Increased chitotriosidase 1 concentration following nusinersen treatment in spinal muscular atrophy. <i>Orphanet Journal of Rare Diseases</i> , 2021, 16, 330.	1.2	12
120	“Silenced” polydendrocytes: a new cell type within the oligodendrocyte progenitor cell population?. <i>Cell and Tissue Research</i> , 2010, 340, 45-50.	1.5	11
121	Genome Wide Analysis Points towards Subtype-Specific Diseases in Different Genetic Forms of Amyotrophic Lateral Sclerosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6938.	1.8	11
122	Concomitant gain and loss of function pathomechanisms in C9ORF72 amyotrophic lateral sclerosis. <i>Life Science Alliance</i> , 2021, 4, e202000764.	1.3	11
123	XK-Associated McLeod Syndrome: Nonhematological Manifestations and Relation to VPS13A Disease. <i>Transfusion Medicine and Hemotherapy</i> , 2022, 49, 4-12.	0.7	11
124	Mechanistic Insight into the Mode of Action of Acid Î²-Glucosidase Enhancer Ambroxol. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3536.	1.8	11
125	Alteration of Mitochondrial Integrity as Upstream Event in the Pathophysiology of SOD1-ALS. <i>Cells</i> , 2022, 11, 1246.	1.8	11
126	Axonal Transport, Phase-Separated Compartments, and Neuron Mechanics - A New Approach to Investigate Neurodegenerative Diseases. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 358.	1.8	10

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127	Functional and Molecular Properties of DYT-SGCE Myoclonus-Dystonia Patient-Derived Striatal Medium Spiny Neurons. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3565.	1.8	10
128	Impact of Organelle Transport Deficits on Mitophagy and Autophagy in Niemann-Pick Disease Type C. <i>Cells</i> , 2022, 11, 507.	1.8	10
129	Off-Label Treatment of 4 Amyotrophic Lateral Sclerosis Patients With 4-Aminopyridine. <i>Journal of Clinical Pharmacology</i> , 2019, 59, 1400-1404.	1.0	9
130	Oxidative Stress and Alterations in the Antioxidative Defense System in Neuronal Cells Derived from NPC1 Patient-Specific Induced Pluripotent Stem Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7667.	1.8	9
131	A molecular genetics view on Mucopolysaccharidosis Type II. <i>Mutation Research - Reviews in Mutation Research</i> , 2021, 788, 108392.	2.4	9
132	Direct Interaction of ATP7B and LC3B Proteins Suggests a Cooperative Role of Copper Transportation and Autophagy. <i>Cells</i> , 2021, 10, 3118.	1.8	9
133	Communicating Hydrocephalus Following Eosinophilic Meningitis Is Pathogenic for Chronic Viliuisk Encephalomyelitis in Northeastern Siberia. <i>PLoS ONE</i> , 2014, 9, e84670.	1.1	8
134	Deep brain stimulation in the globus pallidus compensates response inhibition deficits: evidence from pantothenate kinase-associated neurodegeneration. <i>Brain Structure and Function</i> , 2016, 221, 2251-2257.	1.2	8
135	Drug-induced endovesiculation of erythrocytes is modulated by the dynamics in the cytoskeleton/membrane interaction. <i>Blood Cells, Molecules, and Diseases</i> , 2017, 64, 15-22.	0.6	8
136	Pluripotent Stem Cells for Disease Modeling and Drug Discovery in Niemann-Pick Type C1. <i>International Journal of Molecular Sciences</i> , 2021, 22, 710.	1.8	8
137	A serum microRNA sequence reveals fragile X protein pathology in amyotrophic lateral sclerosis. <i>Brain</i> , 2021, 144, 1214-1229.	3.7	8
138	Targeting Lyn Kinase in Chorea-Acanthocytosis: A Translational Treatment Approach in a Rare Disease. <i>Journal of Personalized Medicine</i> , 2021, 11, 392.	1.1	8
139	One nerve suffices: A clinically guided nerve ultrasound protocol for the differentiation of multifocal motor neuropathy (MMN) and amyotrophic lateral sclerosis (ALS). <i>Journal of Neurology</i> , 2021, 268, 1495-1507.	1.8	8
140	Hemiplegic migraine with reversible cerebral vasoconstriction caused by ATP1A2 mutations. <i>Journal of Neurology</i> , 2013, 260, 2172-2174.	1.8	7
141	Alteration of GABAergic Input Precedes Neurodegeneration of Cerebellar Purkinje Cells of NPC1-Deficient Mice. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6288.	1.8	7
142	MDS criteria for the diagnosis of progressive supranuclear palsy overemphasize Richardson syndrome. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 1702-1707.	1.7	7
143	Reduced Expression of GABAA Receptor Alpha2 Subunit Is Associated With Disinhibition of DYT-THAP1 Dystonia Patient-Derived Striatal Medium Spiny Neurons. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 650586.	1.8	7
144	Human Spinal Motor Neurons Are Particularly Vulnerable to Cerebrospinal Fluid of Amyotrophic Lateral Sclerosis Patients. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3564.	1.8	7

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145	Changes in Blood Cell Deformability in Chorea-Acanthocytosis and Effects of Treatment With Dasatinib or Lithium. <i>Frontiers in Physiology</i> , 2022, 13, 852946.	1.3	7
146	New Regulator for Energy Signaling Pathway in Plants Highlights Conservation Among Species. <i>Science Signaling</i> , 2010, 3, jc5.	1.6	6
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