R Jeroen Pasterkamp

List of Publications by Year
in descending order

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155	13,442	23567	26613
papers	citations	58	107
		h-index	g-index

195	195	195	17579
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Amyotrophic lateral sclerosis. Lancet, The, 2017, 390, 2084-2098.	13.7	867
2	Genome-wide association analyses identify new risk variants and the genetic architecture of amyotrophic lateral sclerosis. Nature Genetics, 2016, 48, 1043-1048.	21.4	494
3	Protein aggregation in amyotrophic lateral sclerosis. Acta Neuropathologica, 2013, 125, 777-794.	7.7	461
4	Semaphorin 7A promotes axon outgrowth through integrins and MAPKs. Nature, 2003, 424, 398-405.	27.8	454
5	Haploinsufficiency leads to neurodegeneration in C9ORF72 ALS/FTD human induced motor neurons. Nature Medicine, 2018, 24, 313-325.	30.7	445
6	Microglia innately develop within cerebral organoids. Nature Communications, 2018, 9, 4167.	12.8	405
7	Genome-wide association study identifies 19p13.3 (UNC13A) and 9p21.2 as susceptibility loci for sporadic amyotrophic lateral sclerosis. Nature Genetics, 2009, 41, 1083-1087.	21.4	344
8	MICALs, a Family of Conserved Flavoprotein Oxidoreductases, Function in Plexin-Mediated Axonal Repulsion. Cell, 2002, 109, 887-900.	28.9	331
9	Expression of the Gene Encoding the Chemorepellent Semaphorin III Is Induced in the Fibroblast Component of Neural Scar Tissue Formed Following Injuries of Adult But Not Neonatal CNS. Molecular and Cellular Neurosciences, 1999, 13, 143-166.	2.2	290
10	Semaphorin junction: making tracks toward neural connectivity. Current Opinion in Neurobiology, 2003, 13, 79-89.	4.2	286
11	Semaphorin 7A initiates T-cell-mediated inflammatory responses through Î±1Î²1 integrin. Nature, 2007, 446, 680-684.	27.8	273
12	Semaphorin signaling: progress made and promises ahead. Trends in Biochemical Sciences, 2008, 33, 161-170.	7.5	269
13	Getting neural circuits into shape with semaphorins. Nature Reviews Neuroscience, 2012, 13, 605-618.	10.2	246
14	<scp>C</scp>9orf72 ablation in mice does not cause motor neuron degeneration or motor deficits. Annals of Neurology, 2015, 78, 426-438.	5.3	225
15	Common and rare variant association analyses in amyotrophic lateral sclerosis identify 15 risk loci with distinct genetic architectures and neuron-specific biology. Nature Genetics, 2021, 53, 1636-1648.	21.4	223
16	Axon guidance proteins in neurological disorders. Lancet Neurology, The, 2015, 14, 532-546.	10.2	222
17	MicroRNAs in epilepsy: pathophysiology and clinical utility. Lancet Neurology, The, 2016, 15, 1368-1376.	10.2	200
18	Semaphorin function in neural plasticity and disease. Current Opinion in Neurobiology, 2009, 19, 263-274.	4.2	194

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19	Microtubule Minus-End Binding Protein CAMSAP2 Controls Axon Specification and Dendrite Development. Neuron, 2014, 82, 1058-1073.	8.1	193
20	Evidence for a Role of the Chemorepellent Semaphorin III and Its Receptor Neuropilin-1 in the Regeneration of Primary Olfactory Axons. Journal of Neuroscience, 1998, 18, 9962-9976.	3.6	181
21	Genome-wide microRNA profiling of human temporal lobe epilepsy identifies modulators of the immune response. Cellular and Molecular Life Sciences, 2012, 69, 3127-3145.	5.4	170
22	TRIM46 Controls Neuronal Polarity and Axon Specification by Driving the Formation of Parallel Microtubule Arrays. Neuron, 2015, 88, 1208-1226.	8.1	170
23	Angiogenin variants in Parkinson disease and amyotrophic lateral sclerosis. Annals of Neurology, 2011, 70, 964-973.	5.3	168
24	Rab6, Rab8, and MICAL3 Cooperate in Controlling Docking and Fusion of Exocytotic Carriers. Current Biology, 2011, 21, 967-974.	3.9	167
25	Semaphorin signalling during development. Development (Cambridge), 2014, 141, 3292-3297.	2.5	167
26	CFEOM1-Associated Kinesin KIF21A Is a Cortical Microtubule Growth Inhibitor. Developmental Cell, 2013, 27, 145-160.	7.0	157
27	Wnt/Planar Cell Polarity Signaling Controls the Anteriorâ€“Posterior Organization of Monoaminergic Axons in the Brainstem. Journal of Neuroscience, 2010, 30, 16053-16064.	3.6	148
28	Endocannabinoids in Amygdala and Nucleus Accumbens Mediate Social Play Reward in Adolescent Rats. Journal of Neuroscience, 2012, 32, 14899-14908.	3.6	144
29	Getting connected in the dopamine system. Progress in Neurobiology, 2008, 85, 75-93.	5.7	143
30	ALS-associated mutations in FUS disrupt the axonal distribution and function of SMN. Human Molecular Genetics, 2013, 22, 3690-3704.	2.9	130
31	Peripheral nerve injury fails to induce growth of lesioned ascending dorsal column axons into spinal cord scar tissue expressing the axon repellent Semaphorin3A. European Journal of Neuroscience, 2001, 13, 457-471.	2.6	128
32	Emerging roles for semaphorins in neural regeneration. Brain Research Reviews, 2001, 35, 36-54.	9.0	127
33	Disrupted neuronal trafficking in amyotrophic lateral sclerosis. Acta Neuropathologica, 2019, 137, 859-877.	7.7	123
34	Anatomical distribution of the chemorepellent semaphorin III/collapsin-1 in the adult rat and human brain: Predominant expression in structures of the olfactory-hippocampal pathway and the motor system. , 1998, 52, 27-42.		113
35	Comparative interactomics analysis of different ALS-associated proteins identifies converging molecular pathways. Acta Neuropathologica, 2016, 132, 175-196.	7.7	113
36	Circular RNAs: Novel Regulators of Neuronal Development. Frontiers in Molecular Neuroscience, 2016, 9, 74.	2.9	112

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37	Semaphorins in axon regeneration: developmental guidance molecules gone wrong?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2006, 361, 1499-1511.	4.0	108
38	UNC13A is a modifier of survival in amyotrophic lateral sclerosis. Neurobiology of Aging, 2012, 33, 630.e3-630.e8.	3.1	107
39	Semaphorin7A regulates neuroglial plasticity in the adult hypothalamic median eminence. Nature Communications, 2015, 6, 6385.	12.8	105
40	Full ablation of C9orf72 in mice causes immune system-related pathology and neoplastic events but no motor neuron defects. Acta Neuropathologica, 2016, 132, 145-147.	7.7	104
41	Semaphorin 3F Is a Bifunctional Guidance Cue for Dopaminergic Axons and Controls Their Fasciculation, Channeling, Rostral Growth, and Intracortical Targeting. Journal of Neuroscience, 2009, 29, 12542-12557.	3.6	103
42	VCP mutations in familial and sporadic amyotrophic lateral sclerosis. Neurobiology of Aging, 2012, 33, 837.e7-837.e13.	3.1	103
43	Structural basis of myelin-associated glycoprotein adhesion and signalling. Nature Communications, 2016, 7, 13584.	12.8	94
44	Dynamic Palmitoylation Targets MAP6 to the Axon to Promote Microtubule Stabilization during Neuronal Polarization. Neuron, 2017, 94, 809-825.e7.	8.1	94
45	<scp>C9orf72</scp> and <scp>UNC13A</scp> are shared risk loci for amyotrophic lateral sclerosis and frontotemporal dementia: A genomeâ€wide metaâ€analysis. Annals of Neurology, 2014, 76, 120-133.	5.3	91
46	Structural Basis for Plexin Activation and Regulation. Neuron, 2016, 91, 548-560.	8.1	89
47	Novel antibodies reveal presynaptic localization of C9orf72 protein and reduced protein levels in C9orf72 mutation carriers. Acta Neuropathologica Communications, 2018, 6, 72.	5.2	87
48	Soluble CD100 functions on human monocytes and immature dendritic cells require plexin C1 and plexin B1, respectively. International Immunology, 2005, 17, 439-447.	4.0	84
49	dcc orchestrates the development of the prefrontal cortex during adolescence and is altered in psychiatric patients. Translational Psychiatry, 2013, 3, e338-e338.	4.8	83
50	RGMs: Structural Insights, Molecular Regulation, and Downstream Signaling. Trends in Cell Biology, 2017, 27, 365-378.	7.9	83
51	Dysregulation of Semaphorin7A/β1-integrin signaling leads to defective GnRH-1 cell migration, abnormal gonadal development and altered fertility. Human Molecular Genetics, 2011, 20, 4759-4774.	2.9	80
52	High-resolution structure of the catalytic region of MICAL (molecule interacting with CasL), a multidomain flavoenzyme-signaling molecule. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 16836-16841.	7.1	75
53	The HAUS Complex Is a Key Regulator of Non-centrosomal Microtubule Organization during Neuronal Development. Cell Reports, 2018, 24, 791-800.	6.4	75
54	Macrophages transfer mitochondria to sensory neurons to resolve inflammatory pain. Neuron, 2022, 110, 613-626.e9.	8.1	71

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55	Developmental and Activity-Dependent miRNA Expression Profiling in Primary Hippocampal Neuron Cultures. PLoS ONE, 2013, 8, e74907.	2.5	69
56	Axon guidance proteins: Novel therapeutic targets for ALS?. Progress in Neurobiology, 2009, 88, 286-301.	5.7	68
57	A double hit implicates DIAPH3 as an autism risk gene. Molecular Psychiatry, 2011, 16, 442-451.	7.9	68
58	Expression patterns of semaphorin7A and plexinC1 during rat neural development suggest roles in axon guidance and neuronal migration. BMC Developmental Biology, 2007, 7, 98.	2.1	66
59	FUS Mutations in Familial Amyotrophic Lateral Sclerosis in the Netherlands. Archives of Neurology, 2010, 67, 224-30.	4.5	66
60	MICAL flavoprotein monooxygenases: Expression during neural development and following spinal cord injuries in the rat. Molecular and Cellular Neurosciences, 2006, 31, 52-69.	2.2	63
61	Potent Anti-seizure Effects of Locked Nucleic Acid Antagomirs Targeting miR-134 in Multiple Mouse and Rat Models of Epilepsy. Molecular Therapy - Nucleic Acids, 2017, 6, 45-56.	5.1	62
62	Best practice standards for circular RNA research. Nature Methods, 2022, 19, 1208-1220.	19.0	58
63	FOXP1 Promotes Embryonic Neural Stem Cell Differentiation by Repressing Jagged1 Expression. Stem Cell Reports, 2017, 9, 1530-1545.	4.8	56
64	MICAL-1 Is a Negative Regulator of MST-NDR Kinase Signaling and Apoptosis. Molecular and Cellular Biology, 2011, 31, 3603-3615.	2.3	54
65	Autoantibody pathogenicity in a multifocal motor neuropathy induced pluripotent stem cellâ€“derived model. Annals of Neurology, 2016, 80, 71-88.	5.3	53
66	S-nitrosylation of HDAC2 regulates the expression of the chromatin-remodeling factor Brm during radial neuron migration. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3113-3118.	7.1	52
67	Structure of the Repulsive Guidance Molecule (RGM)â€“Neogenin Signaling Hub. Science, 2013, 341, 77-80.	12.6	52
68	Mutant FUS and ELAVL4 (HuD) Aberrant Crosstalk in Amyotrophic Lateral Sclerosis. Cell Reports, 2019, 27, 3818-3831.e5.	6.4	51
69	Semaphorin signaling: molecular switches at the midline. Trends in Cell Biology, 2010, 20, 568-576.	7.9	49
70	NIPA1 polyalanine repeat expansions are associated with amyotrophic lateral sclerosis. Human Molecular Genetics, 2012, 21, 2497-2502.	2.9	49
71	The intracellular redox protein MICAL-1 regulates the development of hippocampal mossy fibre connections. Nature Communications, 2014, 5, 4317.	12.8	49
72	DeActs: genetically encoded tools for perturbing the actin cytoskeleton in single cells. Nature Methods, 2017, 14, 479-482.	19.0	49

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73	MeCP2 deficiency disrupts axonal guidance, fasciculation, and targeting by altering Semaphorin 3F function. Molecular and Cellular Neurosciences, 2009, 42, 243-254.	2.2	48
74	Coding and small non-coding transcriptional landscape of tuberous sclerosis complex cortical tubers: implications for pathophysiology and treatment. Scientific Reports, 2017, 7, 8089.	3.3	47
75	MICALs in control of the cytoskeleton, exocytosis, and cell death. Cellular and Molecular Life Sciences, 2011, 68, 4033-4044.	5.4	46
76	Subdomain-Mediated Axon-Axon Signaling and Chemoattraction Cooperate to Regulate Afferent Innervation of the Lateral Habenula. Neuron, 2014, 83, 372-387.	8.1	46
77	Lrig2 Negatively Regulates Ectodomain Shedding of Axon Guidance Receptors by ADAM Proteases. Developmental Cell, 2015, 35, 537-552.	7.0	46
78	An Image-Based miRNA Screen Identifies miRNA-135s As Regulators of CNS Axon Growth and Regeneration by Targeting KrÃ¼ppel-like Factor 4. Journal of Neuroscience, 2018, 38, 613-630.	3.6	45
79	TRPC3 is a major contributor to functional heterogeneity of cerebellar Purkinje cells. ELife, 2019, 8, .	6.0	45
80	A role for Bicaudal-D2 in radial cerebellar granule cell migration. Nature Communications, 2014, 5, 3411.	12.8	44
81	Neuronal Subset-Specific Migration and Axonal Wiring Mechanisms in the Developing Midbrain Dopamine System. Frontiers in Neuroanatomy, 2017, 11, 55.	1.7	43
82	A systems approach delivers a functional microRNA catalog and expanded targets for seizure suppression in temporal lobe epilepsy. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15977-15988.	7.1	41
83	Dorsal Root Ganglia Macrophages Maintain Osteoarthritis Pain. Journal of Neuroscience, 2021, 41, 8249-8261.	3.6	41
84	Chapter 13 Role for semaphorin III and its receptor neuropilin-1 in neuronal regeneration and scar formation?. Progress in Brain Research, 1998, 117, 151-170.	1.4	39
85	Semaphorin7A and its receptors: Pleiotropic regulators of immune cell function, bone homeostasis, and neural development. Seminars in Cell and Developmental Biology, 2013, 24, 129-138.	5.0	38
86	Detailed Analysis of the Genetic and Epigenetic Signatures of iPSC-Derived Mesodiencephalic Dopaminergic Neurons. Stem Cell Reports, 2014, 2, 520-533.	4.8	38
87	Genome-wide study of DNA methylation shows alterations in metabolic, inflammatory, and cholesterol pathways in ALS. Science Translational Medicine, 2022, 14, eabj0264.	12.4	38
88	Genome wide expression profiling of the mesodiencephalic region identifies novel factors involved in early and late dopaminergic development. Biology Open, 2012, 1, 693-704.	1.2	37
89	Towards Advanced iPSC-based Drug Development for Neurodegenerative Disease. Trends in Molecular Medicine, 2021, 27, 263-279.	6.7	37
90	Semaphorin 7A Promotes Chemokine-Driven Dendritic Cell Migration. Journal of Immunology, 2016, 196, 459-468.	0.8	35

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91	Taking a risk: a therapeutic focus on ataxin-2 in amyotrophic lateral sclerosis?. Trends in Molecular Medicine, 2014, 20, 25-35.	6.7	33
92	ATXN1 repeat expansions confer risk for amyotrophic lateral sclerosis and contribute to TDP-43 mislocalization. Brain Communications, 2020, 2, fcaa064.	3.3	33
93	Adenoviral Vector-Mediated Gene Delivery to Injured Rat Peripheral Nerve. Journal of Neurotrauma, 1998, 15, 387-397.	3.4	32
94	shRNA-induced saturation of the microRNA pathway in the rat brain. Gene Therapy, 2014, 21, 205-211.	4.5	31
95	R-Ras fills another GAP in semaphorin signalling. Trends in Cell Biology, 2005, 15, 61-64.	7.9	30
96	Frizzled3 Controls Axonal Polarity and Intermediate Target Entry during Striatal Pathway Development. Journal of Neuroscience, 2015, 35, 14205-14219.	3.6	30
97	A directional 3D neurite outgrowth model for studying motor axon biology and disease. Scientific Reports, 2021, 11, 2080.	3.3	30
98	Ryk, a Receptor Regulating Wnt5a-Mediated Neurogenesis and Axon Morphogenesis of Ventral Midbrain Dopaminergic Neurons. Stem Cells and Development, 2013, 22, 2132-2144.	2.1	28
99	Antagonizing Increased miR-135a Levels at the Chronic Stage of Experimental TLE Reduces Spontaneous Recurrent Seizures. Journal of Neuroscience, 2019, 39, 5064-5079.	3.6	28
100	Kinetic and spectroscopic characterization of the putative monooxygenase domain of human MICAL-1. Archives of Biochemistry and Biophysics, 2011, 515, 1-13.	3.0	26
101	Stage-specific functions of Semaphorin7A during adult hippocampal neurogenesis rely on distinct receptors. Nature Communications, 2017, 8, 14666.	12.8	26
102	Repulsive Guidance Molecule a (RGMa) Induces Neuropathological and Behavioral Changes That Closely Resemble Parkinson's Disease. Journal of Neuroscience, 2017, 37, 9361-9379.	3.6	26
103	How the COVID-19 pandemic highlights the necessity of animal research. Current Biology, 2020, 30, R1014-R1018.	3.9	26
104	Neuromuscular junctionâ€onâ€aâ€chip: ALS disease modeling and readâ€out development in microfluidic devices. Journal of Neurochemistry, 2021, 157, 393-412.	3.9	26
105	MICAL Flavoprotein Monooxygenases: Structure, Function and Role in Semaphorin Signaling. Advances in Experimental Medicine and Biology, 2007, 600, 38-51.	1.6	26
106	Proteomic profiling of the spinal cord in ALS: decreased ATP5D levels suggest synaptic dysfunction in ALS pathogenesis. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2017, 18, 210-220.	1.7	25
107	Transcriptional repression of Plxnc1 by Lmx1a and Lmx1b directs topographic dopaminergic circuit formation. Nature Communications, 2017, 8, 933.	12.8	25
108	Molecular dissection of germline chromothripsis in a developmental context using patient-derived iPS cells. Genome Medicine, 2017, 9, 9.	8.2	25

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109	Mutations in MICALâ€1cause autosomalâ€dominant lateral temporal epilepsy. Annals of Neurology, 2018, 83, 483-493.	5.3	25
110	Opposite-sex attraction in male mice requires testosterone-dependent regulation of adult olfactory bulb neurogenesis. Scientific Reports, 2016, 6, 36063.	3.3	24
111	SnapShot: Axon Guidance. Cell, 2013, 153, 494-494.e2.	28.9	23
112	Remotely Produced and Axon-Derived Netrin-1 Instructs GABAergic Neuron Migration and Dopaminergic Substantia Nigra Development. Neuron, 2020, 107, 684-702.e9.	8.1	23
113	Spatiotemporal Expression of Repulsive Guidance Molecules (RGMs) and Their Receptor Neogenin in the Mouse Brain. PLoS ONE, 2013, 8, e55828.	2.5	23
114	Long nonâ€coding RNAs in motor neuron development and disease. Journal of Neurochemistry, 2021, 156, 777-801.	3.9	22
115	The perinatal ontogeny of estrogen receptor-immunoreactivity in the developing male and female rat hypothalamus. Developmental Brain Research, 1996, 91, 300-303.	1.7	20
116	Chapter 12 Semaphorin III: Role in neuronal development and structural plasticity. Progress in Brain Research, 1998, 117, 133-149.	1.4	20
117	Large-scale screening in sporadic amyotrophic lateral sclerosis identifies genetic modifiers in C9orf72 repeat carriers. Neurobiology of Aging, 2016, 39, 220.e9-220.e15.	3.1	20
118	Simultaneous binding of Guidance Cues NET1 and RGM blocks extracellular NEO1 signaling. Cell, 2021, 184, 2103-2120.e31.	28.9	20
119	Systemic delivery of antagomirs during blood-brain barrier disruption is disease-modifying in experimental epilepsy. Molecular Therapy, 2021, 29, 2041-2052.	8.2	20
120	Single-cell profiling of human subventricular zone progenitors identifies SFRP1 as a target to re-activate progenitors. Nature Communications, 2022, 13, 1036.	12.8	19
121	SnapShot: Axon Guidance II. Cell, 2013, 153, 722-722.e1.	28.9	18
122	Identification ofSrp9as a febrile seizure susceptibility gene. Annals of Clinical and Translational Neurology, 2014, 1, 239-250.	3.7	18
123	The molecular mechanisms controlling morphogenesis and wiring of the habenula. Pharmacology Biochemistry and Behavior, 2017, 162, 29-37.	2.9	18
124	Metalloprotease-mediated cleavage of PlexinD1 and its sequestration to actin rods in the motoneuron disease spinal muscular atrophy (SMA). Human Molecular Genetics, 2017, 26, 3946-3959.	2.9	17
125	Structural basis of semaphorinâ€plexin cis interaction. EMBO Journal, 2020, 39, e102926.	7.8	17
126	The mouse brain after foot shock in four dimensions: Temporal dynamics at a single-cell resolution. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	17

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127	Screening for rare variants in the coding region of ALS-associated genes at 9p21.2 and 19p13.3. Neurobiology of Aging, 2013, 34, 1518.e5-1518.e7.	3.1	16
128	Cortical Morphogenesis during Embryonic Development Is Regulated by miR-34c and miR-204. Frontiers in Molecular Neuroscience, 2017, 10, 31.	2.9	15
129	Advances in Central Nervous System Organoids: A Focus on Organoid-Based Models for Motor Neuron Disease. Tissue Engineering - Part C: Methods, 2021, 27, 213-224.	2.1	15
130	Deciphering the Proteome Dynamics during Development of Neurons Derived from Induced Pluripotent Stem Cells. Journal of Proteome Research, 2020, 19, 2391-2403.	3.7	14
131	Enrichment of Circular RNA Expression Deregulation at the Transition to Recurrent Spontaneous Seizures in Experimental Temporal Lobe Epilepsy. Frontiers in Genetics, 2021, 12, 627907.	2.3	13
132	Distinct spatial arrangements of ACE2 and TMPRSS2 expression in Syrian hamster lung lobes dictates SARS-CoV-2 infection patterns. PLoS Pathogens, 2022, 18, e1010340.	4.7	13
133	Recent advances in inter-cellular interactions during neural circuit assembly. Current Opinion in Neurobiology, 2021, 69, 25-32.	4.2	12
134	unc5c haploinsufficient phenotype: striking similarities with the dcc haploinsufficiency model. European Journal of Neuroscience, 2013, 38, 2853-2863.	2.6	11
135	Dissection and Culture of Mouse Dopaminergic and Striatal Explants in Three-Dimensional Collagen Matrix Assays. Journal of Visualized Experiments, 2012, , .	0.3	10
136	Commentary: FUS affects circular RNA expression in murine embryonic stem cell-derived motor neurons. Frontiers in Molecular Neuroscience, 2017, 10, 412.	2.9	10
137	HR23B pathology preferentially co-localizes with p62, pTDP-43 and poly-GA in C9ORF72-linked frontotemporal dementia and amyotrophic lateral sclerosis. Acta Neuropathologica Communications, 2019, 7, 39.	5.2	9
138	Pharmacological validation of TDO as a target for Parkinsonâ€™s disease. FEBS Journal, 2021, 288, 4311-4331.	4.7	9
139	Analysis of the circRNA and T-UCR populations identifies convergent pathways in mouse and human models of Rett syndrome. Molecular Therapy - Nucleic Acids, 2022, 27, 621-644.	5.1	9
140	Spinal Muscular Atrophy Patient iPSC-Derived Motor Neurons Display Altered Proteomes at Early Stages of Differentiation. ACS Omega, 2021, 6, 35375-35388.	3.5	9
141	CGG-repeat expansion in FMR1 is not associated with amyotrophic lateral sclerosis. Neurobiology of Aging, 2012, 33, 1852.e1-1852.e3.	3.1	8
142	Nolz1 expression is required in dopaminergic axon guidance and striatal innervation. Nature Communications, 2020, 11, 3111.	12.8	8
143	Axon Guidance in the Dopamine System. Advances in Experimental Medicine and Biology, 2009, 651, 91-100.	1.6	7
144	Sensory Axon Growth Requires Spatiotemporal Integration of CaSR and TrkB Signaling. Journal of Neuroscience, 2019, 39, 5842-5860.	3.6	6

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145	Expression of Circ_Satb1 Is Decreased in Mesial Temporal Lobe Epilepsy and Regulates Dendritic Spine Morphology. Frontiers in Molecular Neuroscience, 2022, 15, 832133.	2.9	6
146	Anti-C2 Antibody ARGX-117 Inhibits Complement in a Disease Model for Multifocal Motor Neuropathy. Neurology: Neuroimmunology and NeuroInflammation, 2022, 9, .	6.0	5
147	Molecular signatures and cellular diversity during mouse habenula development. Cell Reports, 2022, 40, 111029.	6.4	5
148	Axon guidance: semaphorin/neuropilin/plexin signaling. , 2020, , 109-122.		3
149	Protocol for tissue clearing and 3D analysis of dopamine neurons in the developing mouse midbrain. STAR Protocols, 2021, 2, 100669.	1.2	3
150	The alteration of glucocorticoid receptor-immunoreactivity in the rat forebrain following short-term and long-term adrenalectomy. Brain Research, 1996, 729, 216-222.	2.2	3
151	Development and engineering of dopamine neurons. Preface. Advances in Experimental Medicine and Biology, 2009, 651, v-vi.	1.6	3
152	Exposure to the Amino Acids Histidine, Lysine, and Threonine Reduces mTOR Activity and Affects Neurodevelopment in a Human Cerebral Organoid Model. Nutrients, 2022, 14, 2175.	4.1	2
153	Neuropeptide delivery to the brain: a von Willebrand factor signal peptide to direct neuropeptide secretion. BMC Neuroscience, 2010, 11, 94.	1.9	1
154	Axons Navigate Noise with 190RhoGAP. Neuron, 2019, 102, 512-514.	8.1	0
155	Microglial transcriptomics meets genetics: new disease leads. Nature Reviews Neurology, 2022, 18, 191-192.	10.1	0