R Jeroen Pasterkamp

List of Publications by Year
in descending order

155 papers	13,442 citations	23567 58 h-index	26613 107 g-index
195 all docs	195 docs citations	195 times ranked	17579 citing authors

#	Article	IF	Citations
1	Anti-C2 Antibody ARGX-117 Inhibits Complement in a Disease Model for Multifocal Motor Neuropathy. Neurology: Neuroimmunology and NeuroInflammation, 2022, 9, .	6.0	5
2	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
3	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
4	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
5	Macrophages transfer mitochondria to sensory neurons to resolve inflammatory pain. Neuron, 2022, 110, 613-626.e9.	8.1	71
6	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
7	Microglial transcriptomics meets genetics: new disease leads. Nature Reviews Neurology, 2022, 18, 191-192.	10.1	0
8	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
9	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
10	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
11	Best practice standards for circular RNA research. Nature Methods, 2022, 19, 1208-1220.	19.0	58
12	Molecular signatures and cellular diversity during mouse habenula development. Cell Reports, 2022, 40, 111029.	6.4	5
13	Towards Advanced iPSC-based Drug Development for Neurodegenerative Disease. Trends in Molecular Medicine, 2021, 27, 263-279.	6.7	37
14	Long nonâ€coding RNAs in motor neuron development and disease. Journal of Neurochemistry, 2021, 156, 777-801.	3.9	22
15	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
16	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
17	Pharmacological validation of TDO as a target for Parkinsonâ€™s disease. FEBS Journal, 2021, 288, 4311-4331.	4.7	9
18	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

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19	Simultaneous binding of Guidance Cues NET1 and RGM blocks extracellular NEO1 signaling. Cell, 2021, 184, 2103-2120.e31.	28.9	20
20	Systemic delivery of antagomirs during blood-brain barrier disruption is disease-modifying in experimental epilepsy. Molecular Therapy, 2021, 29, 2041-2052.	8.2	20
21	Recent advances in inter-cellular interactions during neural circuit assembly. Current Opinion in Neurobiology, 2021, 69, 25-32.	4.2	12
22	Dorsal Root Ganglia Macrophages Maintain Osteoarthritis Pain. Journal of Neuroscience, 2021, 41, 8249-8261.	3.6	41
23	Protocol for tissue clearing and 3D analysis of dopamine neurons in the developing mouse midbrain. STAR Protocols, 2021, 2, 100669.	1.2	3
24	A directional 3D neurite outgrowth model for studying motor axon biology and disease. Scientific Reports, 2021, 11, 2080.	3.3	30
25	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
26	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
27	How the COVID-19 pandemic highlights the necessity of animal research. Current Biology, 2020, 30, R1014-R1018.	3.9	26
28	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
29	Axon guidance: semaphorin/neuropilin/plexin signaling. , 2020, , 109-122.		3
30	Structural basis of semaphorinâ€plexin <i>cis</i> interaction. EMBO Journal, 2020, 39, e102926.	7.8	17
31	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
32	Nolz1 expression is required in dopaminergic axon guidance and striatal innervation. Nature Communications, 2020, 11, 3111.	12.8	8
33	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
34	<i>ATXN1</i> repeat expansions confer risk for amyotrophic lateral sclerosis and contribute to TDP-43 mislocalization. Brain Communications, 2020, 2, fcaa064.	3.3	33
35	Sensory Axon Growth Requires Spatiotemporal Integration of CaSR and TrkB Signaling. Journal of Neuroscience, 2019, 39, 5842-5860.	3.6	6
36	Mutant FUS and ELAVL4 (HuD) Aberrant Crosstalk in Amyotrophic Lateral Sclerosis. Cell Reports, 2019, 27, 3818-3831.e5.	6.4	51

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37	Axons Navigate Noise with 190RhoGAP. Neuron, 2019, 102, 512-514.	8.1	0
38	Antagonizing Increased <i>miR-135a</i> Levels at the Chronic Stage of Experimental TLE Reduces Spontaneous Recurrent Seizures. Journal of Neuroscience, 2019, 39, 5064-5079.	3.6	28
39	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
40	Disrupted neuronal trafficking in amyotrophic lateral sclerosis. Acta Neuropathologica, 2019, 137, 859-877.	7.7	123
41	TRPC3 is a major contributor to functional heterogeneity of cerebellar Purkinje cells. ELife, 2019, 8, .	6.0	45
42	Haploinsufficiency leads to neurodegeneration in C9ORF72 ALS/FTD human induced motor neurons. Nature Medicine, 2018, 24, 313-325.	30.7	445
43	Mutations in <i>MICALâ€1</i>cause autosomalâ€dominant lateral temporal epilepsy. Annals of Neurology, 2018, 83, 483-493.	5.3	25
44	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
45	Microglia innately develop within cerebral organoids. Nature Communications, 2018, 9, 4167.	12.8	405
46	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
47	The HAUS Complex Is a Key Regulator of Non-centrosomal Microtubule Organization during Neuronal Development. Cell Reports, 2018, 24, 791-800.	6.4	75
48	Stage-specific functions of Semaphorin7A during adult hippocampal neurogenesis rely on distinct receptors. Nature Communications, 2017, 8, 14666.	12.8	26
49	DeActs: genetically encoded tools for perturbing the actin cytoskeleton in single cells. Nature Methods, 2017, 14, 479-482.	19.0	49
50	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
51	Dynamic Palmitoylation Targets MAP6 to the Axon to Promote Microtubule Stabilization during Neuronal Polarization. Neuron, 2017, 94, 809-825.e7.	8.1	94
52	Amyotrophic lateral sclerosis. Lancet, The, 2017, 390, 2084-2098.	13.7	867
53	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
54	RGMs: Structural Insights, Molecular Regulation, and Downstream Signaling. Trends in Cell Biology, 2017, 27, 365-378.	7.9	83

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55	Transcriptional repression of Plxnc1 by Lmx1a and Lmx1b directs topographic dopaminergic circuit formation. Nature Communications, 2017, 8, 933.	12.8	25
56	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
57	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
58	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
59	FOXP1 Promotes Embryonic Neural Stem Cell Differentiation by Repressing Jagged1 Expression. Stem Cell Reports, 2017, 9, 1530-1545.	4.8	56
60	Molecular dissection of germline chromothripsis in a developmental context using patient-derived iPS cells. Genome Medicine, 2017, 9, 9.	8.2	25
61	The molecular mechanisms controlling morphogenesis and wiring of the habenula. Pharmacology Biochemistry and Behavior, 2017, 162, 29-37.	2.9	18
62	Neuronal Subset-Specific Migration and Axonal Wiring Mechanisms in the Developing Midbrain Dopamine System. Frontiers in Neuroanatomy, 2017, 11, 55.	1.7	43
63	Cortical Morphogenesis during Embryonic Development Is Regulated by miR-34c and miR-204. Frontiers in Molecular Neuroscience, 2017, 10, 31.	2.9	15
64	Commentary: FUS affects circular RNA expression in murine embryonic stem cell-derived motor neurons. Frontiers in Molecular Neuroscience, 2017, 10, 412.	2.9	10
65	Circular RNAs: Novel Regulators of Neuronal Development. Frontiers in Molecular Neuroscience, 2016, 9, 74.	2.9	112
66	Structural Basis for Plexin Activation and Regulation. Neuron, 2016, 91, 548-560.	8.1	89
67	Autoantibody pathogenicity in a multifocal motor neuropathy induced pluripotent stem cellâ€“derived model. Annals of Neurology, 2016, 80, 71-88.	5.3	53
68	Structural basis of myelin-associated glycoprotein adhesion and signalling. Nature Communications, 2016, 7, 13584.	12.8	94
69	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
70	Comparative interactomics analysis of different ALS-associated proteins identifies converging molecular pathways. Acta Neuropathologica, 2016, 132, 175-196.	7.7	113
71	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
72	Opposite-sex attraction in male mice requires testosterone-dependent regulation of adult olfactory bulb neurogenesis. Scientific Reports, 2016, 6, 36063.	3.3	24

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73	MicroRNAs in epilepsy: pathophysiology and clinical utility. Lancet Neurology, The, 2016, 15, 1368-1376.	10.2	200
74	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
75	Semaphorin 7A Promotes Chemokine-Driven Dendritic Cell Migration. Journal of Immunology, 2016, 196, 459-468.	0.8	35
76	<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
77	Semaphorin7A regulates neuroglial plasticity in the adult hypothalamic median eminence. Nature Communications, 2015, 6, 6385.	12.8	105
78	TRIM46 Controls Neuronal Polarity and Axon Specification by Driving the Formation of Parallel Microtubule Arrays. Neuron, 2015, 88, 1208-1226.	8.1	170
79	Lrig2 Negatively Regulates Ectodomain Shedding of Axon Guidance Receptors by ADAM Proteases. Developmental Cell, 2015, 35, 537-552.	7.0	46
80	Axon guidance proteins in neurological disorders. Lancet Neurology, The, 2015, 14, 532-546.	10.2	222
81	Frizzled3 Controls Axonal Polarity and Intermediate Target Entry during Striatal Pathway Development. Journal of Neuroscience, 2015, 35, 14205-14219.	3.6	30
82	A role for Bicaudal-D2 in radial cerebellar granule cell migration. Nature Communications, 2014, 5, 3411.	12.8	44
83	Identification of<i>Srp9</i>as a febrile seizure susceptibility gene. Annals of Clinical and Translational Neurology, 2014, 1, 239-250.	3.7	18
84	Taking a risk: a therapeutic focus on ataxin-2 in amyotrophic lateral sclerosis?. Trends in Molecular Medicine, 2014, 20, 25-35.	6.7	33
85	Subdomain-Mediated Axon-Axon Signaling and Chemoattraction Cooperate to Regulate Afferent Innervation of the Lateral Habenula. Neuron, 2014, 83, 372-387.	8.1	46
86	Semaphorin signalling during development. Development (Cambridge), 2014, 141, 3292-3297.	2.5	167
87	shRNA-induced saturation of the microRNA pathway in the rat brain. Gene Therapy, 2014, 21, 205-211.	4.5	31
88	<scp><i>C9orf72</i></scp> and <scp><i>UNC13A</i></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
89	The intracellular redox protein MICAL-1 regulates the development of hippocampal mossy fibre connections. Nature Communications, 2014, 5, 4317.	12.8	49
90	Detailed Analysis of the Genetic and Epigenetic Signatures of iPSC-Derived Mesodiencephalic Dopaminergic Neurons. Stem Cell Reports, 2014, 2, 520-533.	4.8	38

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91	Microtubule Minus-End Binding Protein CAMSAP2 Controls Axon Specification and Dendrite Development. Neuron, 2014, 82, 1058-1073.	8.1	193
92	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
93	Protein aggregation in amyotrophic lateral sclerosis. Acta Neuropathologica, 2013, 125, 777-794.	7.7	461
94	<i>unc5c</i> haploinsufficient phenotype: striking similarities with the <i>dcc</i> haploinsufficiency model. European Journal of Neuroscience, 2013, 38, 2853-2863.	2.6	11
95	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
96	CFEOM1-Associated Kinesin KIF21A Is a Cortical Microtubule Growth Inhibitor. Developmental Cell, 2013, 27, 145-160.	7.0	157
97	SnapShot: Axon Guidance. Cell, 2013, 153, 494-494.e2.	28.9	23
98	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
99	SnapShot: Axon Guidance II. Cell, 2013, 153, 722-722.e1.	28.9	18
100	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
101	Structure of the Repulsive Guidance Molecule (RGM)â€“Neogenin Signaling Hub. Science, 2013, 341, 77-80.	12.6	52
102	ALS-associated mutations in FUS disrupt the axonal distribution and function of SMN. Human Molecular Genetics, 2013, 22, 3690-3704.	2.9	130
103	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
104	Developmental and Activity-Dependent miRNA Expression Profiling in Primary Hippocampal Neuron Cultures. PLoS ONE, 2013, 8, e74907.	2.5	69
105	Spatiotemporal Expression of Repulsive Guidance Molecules (RGMs) and Their Receptor Neogenin in the Mouse Brain. PLoS ONE, 2013, 8, e55828.	2.5	23
106	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
107	Dissection and Culture of Mouse Dopaminergic and Striatal Explants in Three-Dimensional Collagen Matrix Assays. Journal of Visualized Experiments, 2012, , .	0.3	10
108	Endocannabinoids in Amygdala and Nucleus Accumbens Mediate Social Play Reward in Adolescent Rats. Journal of Neuroscience, 2012, 32, 14899-14908.	3.6	144

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109	VCP mutations in familial and sporadic amyotrophic lateral sclerosis. Neurobiology of Aging, 2012, 33, 837.e7-837.e13.	3.1	103
110	UNC13A is a modifier of survival in amyotrophic lateral sclerosis. Neurobiology of Aging, 2012, 33, 630.e3-630.e8.	3.1	107
111	CGG-repeat expansion in FMR1 is not associated with amyotrophic lateral sclerosis. Neurobiology of Aging, 2012, 33, 1852.e1-1852.e3.	3.1	8
112	Getting neural circuits into shape with semaphorins. Nature Reviews Neuroscience, 2012, 13, 605-618.	10.2	246
113	NIPA1 polyalanine repeat expansions are associated with amyotrophic lateral sclerosis. Human Molecular Genetics, 2012, 21, 2497-2502.	2.9	49
114	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
115	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
116	A double hit implicates DIAPH3 as an autism risk gene. Molecular Psychiatry, 2011, 16, 442-451.	7.9	68
117	Rab6, Rab8, and MICAL3 Cooperate in Controlling Docking and Fusion of Exocytotic Carriers. Current Biology, 2011, 21, 967-974.	3.9	167
118	MICALs in control of the cytoskeleton, exocytosis, and cell death. Cellular and Molecular Life Sciences, 2011, 68, 4033-4044.	5.4	46
119	Angiogenin variants in Parkinson disease and amyotrophic lateral sclerosis. Annals of Neurology, 2011, 70, 964-973.	5.3	168
120	Dysregulation of Semaphorin7A/Î²1-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
121	MICAL-1 Is a Negative Regulator of MST-NDR Kinase Signaling and Apoptosis. Molecular and Cellular Biology, 2011, 31, 3603-3615.	2.3	54
122	Semaphorin signaling: molecular switches at the midline. Trends in Cell Biology, 2010, 20, 568-576.	7.9	49
123	Neuropeptide delivery to the brain: a von Willebrand factor signal peptide to direct neuropeptide secretion. BMC Neuroscience, 2010, 11, 94.	1.9	1
124	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
125	FUS Mutations in Familial Amyotrophic Lateral Sclerosis in the Netherlands. Archives of Neurology, 2010, 67, 224-30.	4.5	66
126	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

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127	Axon Guidance in the Dopamine System. Advances in Experimental Medicine and Biology, 2009, 651, 91-100.	1.6	7
128	Semaphorin function in neural plasticity and disease. Current Opinion in Neurobiology, 2009, 19, 263-274.	4.2	194
129	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
130	Axon guidance proteins: Novel therapeutic targets for ALS?. Progress in Neurobiology, 2009, 88, 286-301.	5.7	68
131	MeCP2 deficiency disrupts axonal guidance, fasciculation, and targeting by altering Semaphorin 3F function. Molecular and Cellular Neurosciences, 2009, 42, 243-254.	2.2	48
132	Development and engineering of dopamine neurons. Preface. Advances in Experimental Medicine and Biology, 2009, 651, v-vi.	1.6	3
133	Semaphorin signaling: progress made and promises ahead. Trends in Biochemical Sciences, 2008, 33, 161-170.	7.5	269
134	Getting connected in the dopamine system. Progress in Neurobiology, 2008, 85, 75-93.	5.7	143
135	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
136	Semaphorin 7A initiates T-cell-mediated inflammatory responses through Î±1Î²1 integrin. Nature, 2007, 446, 680-684.	27.8	273
137	MICAL Flavoprotein Monooxygenases: Structure, Function and Role in Semaphorin Signaling. Advances in Experimental Medicine and Biology, 2007, 600, 38-51.	1.6	26
138	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
139	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
140	R-Ras fills another GAP in semaphorin signalling. Trends in Cell Biology, 2005, 15, 61-64.	7.9	30
141	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
142	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
143	Semaphorin junction: making tracks toward neural connectivity. Current Opinion in Neurobiology, 2003, 13, 79-89.	4.2	286
144	Semaphorin 7A promotes axon outgrowth through integrins and MAPKs. Nature, 2003, 424, 398-405.	27.8	454

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145	MICALs, a Family of Conserved Flavoprotein Oxidoreductases, Function in Plexin-Mediated Axonal Repulsion. Cell, 2002, 109, 887-900.	28.9	331
146	Emerging roles for semaphorins in neural regeneration. Brain Research Reviews, 2001, 35, 36-54.	9.0	127
147	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
148	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
149	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
150	Adenoviral Vector-Mediated Gene Delivery to Injured Rat Peripheral Nerve. Journal of Neurotrauma, 1998, 15, 387-397.	3.4	32
151	Chapter 12 Semaphorin III: Role in neuronal development and structural plasticity. Progress in Brain Research, 1998, 117, 133-149.	1.4	20
152	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
153	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
154	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
155	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