

# Antoni Parcerisas

## List of Publications by Year in descending order

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131  
papers

7,292  
citations

50273

46  
h-index

64791

79  
g-index

136  
all docs

136  
docs citations

136  
times ranked

8598  
citing authors

#	ARTICLE	IF	CITATIONS
1	A role for Cajal-Retzius cells and reelin in the development of hippocampal connections. <i>Nature</i> , 1997, 385, 70-74.	27.8	442
2	Mechanism suppressing glycogen synthesis in neurons and its demise in progressive myoclonus epilepsy. <i>Nature Neuroscience</i> , 2007, 10, 1407-1413.	14.8	320
3	Glutamate-like Immunoreactivity and Fate of Cajal-Retzius Cells in the Murine Cortex as Identified with Calretinin Antibody. <i>Cerebral Cortex</i> , 1995, 5, 13-21.	2.9	228
4	The Cells of Cajal-Retzius: Still a Mystery One Century After. <i>Neuron</i> , 2005, 46, 389-394.	8.1	212
5	Reelin expression and glycosylation patterns are altered in Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 5573-5578.	7.1	196
6	Reelin Regulates Postnatal Neurogenesis and Enhances Spine Hypertrophy and Long-Term Potentiation. <i>Journal of Neuroscience</i> , 2010, 30, 4636-4649.	3.6	195
7	The Netrin family of guidance factors: emphasis on Netrin-1 signalling. <i>Brain Research Reviews</i> , 2005, 49, 22-47.	9.0	188
8	Cerebellar GABAergic progenitors adopt an external granule cell-like phenotype in the absence of Ptf1a transcription factor expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 5193-5198.	7.1	176
9	Axo-axonic chandelier cells in the rat fascia dentata: Golgi-electron microscopy and immunocytochemical studies. <i>Journal of Comparative Neurology</i> , 1990, 293, 1-25.	1.6	163
10	The parvalbumin-containing nonpyramidal neurons in the rat hippocampus. <i>Anatomy and Embryology</i> , 1990, 181, 413-425.	1.5	155
11	Non-centrosomal nucleation mediated by augmin organizes microtubules in post-mitotic neurons and controls axonal microtubule polarity. <i>Nature Communications</i> , 2016, 7, 12187.	12.8	153
12	A TrkB/EphrinA Interaction Controls Retinal Axon Branching and Synaptogenesis. <i>Journal of Neuroscience</i> , 2008, 28, 12700-12712.	3.6	142
13	Mossy cells of the rat fascia dentata are glutamate-immunoreactive. <i>Hippocampus</i> , 1994, 4, 65-69.	1.9	140
14	Developmental History of the Subplate and Developing White Matter in the Murine Neocortex. Neuronal Organization and Relationship with the Main Afferent Systems at Embryonic and Perinatal Stages. <i>Cerebral Cortex</i> , 2000, 10, 784-801.	2.9	125
15	Distribution, morphological features, and synaptic connections of parvalbumin- and calbindin D28k-immunoreactive neurons in the human hippocampal formation. <i>Journal of Comparative Neurology</i> , 1993, 337, 208-230.	1.6	121
16	MAP1B Is Required for Netrin 1 Signaling in Neuronal Migration and Axonal Guidance. <i>Current Biology</i> , 2004, 14, 840-850.	3.9	121
17	A GABAergic axo-axonic cell in the fascia dentata controls the main excitatory hippocampal pathway. <i>Brain Research</i> , 1989, 503, 170-174.	2.2	119
18	Developmental expression of parvalbumin mRNA in the cerebral cortex and hippocampus of the rat. <i>Molecular Brain Research</i> , 1995, 32, 1-13.	2.3	115

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19	A role of MAP1B in Reelin-dependent Neuronal Migration. <i>Cerebral Cortex</i> , 2005, 15, 1134-1145.	2.9	111
20	Neurodegeneration and functional impairments associated with glycogen synthase accumulation in a mouse model of Lafora disease. <i>EMBO Molecular Medicine</i> , 2011, 3, 667-681.	6.9	109
21	Reelin delays amyloid-beta fibril formation and rescues cognitive deficits in a model of Alzheimer's disease. <i>Nature Communications</i> , 2014, 5, 3443.	12.8	108
22	Enhanced susceptibility of Prnp-deficient mice to kainate-induced seizures, neuronal apoptosis, and death: Role of AMPA/kainate receptors. <i>Journal of Neuroscience Research</i> , 2007, 85, 2741-2755.	2.9	89
23	Transient Colocalization of Parvalbumin and Calbindin D28k in the Postnatal Cerebral Cortex: Evidence for a Phenotypic Shift in Developing Nonpyramidal Neurons. <i>European Journal of Neuroscience</i> , 1996, 8, 1329-1339.	2.6	86
24	Localization and functional analyses of the MLC1 protein involved in megalencephalic leukoencephalopathy with subcortical cysts. <i>Human Molecular Genetics</i> , 2004, 13, 2581-2594.	2.9	86
25	Overexpression of Reelin Prevents the Manifestation of Behavioral Phenotypes Related to Schizophrenia and Bipolar Disorder. <i>Neuropsychopharmacology</i> , 2011, 36, 2395-2405.	5.4	85
26	The Eutherian Armcx genes regulate mitochondrial trafficking in neurons and interact with Miro and Trak2. <i>Nature Communications</i> , 2012, 3, 814.	12.8	84
27	Calretinin-immunoreactive neurons in the normal human temporal cortex and in Alzheimer's disease. <i>Brain Research</i> , 1995, 691, 83-91.	2.2	81
28	Expression of NGF and NT3 mRNAs in Hippocampal Interneurons Innervated by the GABAergic Septohippocampal Pathway. <i>Journal of Neuroscience</i> , 1996, 16, 3991-4004.	3.6	80
29	Age-Dependent Effects of Secreted Semaphorins 3A, 3F, and 3E on Developing Hippocampal Axons: In Vitro Effects and Phenotype of Semaphorin 3A ( $\Delta^{\text{N}}/\Delta^{\text{N}}$ ) Mice. <i>Molecular and Cellular Neurosciences</i> , 2001, 18, 26-43.	2.2	78
30	Cell-Autonomous Inactivation of the Reelin Pathway Impairs Adult Neurogenesis in the Hippocampus. <i>Journal of Neuroscience</i> , 2012, 32, 12051-12065.	3.6	78
31	Accelerated aging of the GABAergic septohippocampal pathway and decreased hippocampal rhythms in a mouse model of Alzheimer's disease. <i>FASEB Journal</i> , 2012, 26, 4458-4467.	0.5	77
32	Neural ECM molecules in synaptic plasticity, learning, and memory. <i>Progress in Brain Research</i> , 2014, 214, 53-80.	1.4	75
33	Podocalyxin Is a Novel Polysialylated Neural Adhesion Protein with Multiple Roles in Neural Development and Synapse Formation. <i>PLoS ONE</i> , 2010, 5, e12003.	2.5	75
34	Ephrin-A5/EphA4 signalling controls specific afferent targeting to cochlear hair cells. <i>Nature Communications</i> , 2013, 4, 1438.	12.8	74
35	The Long Form of Fas Apoptotic Inhibitory Molecule Is Expressed Specifically in Neurons and Protects Them against Death Receptor-Triggered Apoptosis. <i>Journal of Neuroscience</i> , 2007, 27, 11228-11241.	3.6	73
36	GABAergic innervation of the rat fascia dentata: A novel type of interneuron in the granule cell layer with extensive axonal arborization in the molecular layer. <i>Journal of Comparative Neurology</i> , 1993, 334, 385-396.	1.6	67

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37	Nogo-A Expression in the Human Hippocampus in Normal Aging and in Alzheimer Disease. <i>Journal of Neuro pathology and Experimental Neurology</i> , 2006, 65, 433-444.	1.7	62
38	BDNF-modulated Spatial Organization of Cajal-Retzius and GABAergic Neurons in the Marginal Zone Plays a Role in the Development of Cortical Organization. <i>Cerebral Cortex</i> , 2006, 16, 487-499.	2.9	61
39	Reelin Induces the Detachment of Postnatal Subventricular Zone Cells and the Expression of the Egr-1 through Erk1/2 Activation. <i>Cerebral Cortex</i> , 2007, 17, 294-303.	2.9	61
40	A Signaling Mechanism Coupling Netrin-1/Deleted in Colorectal Cancer Chemoattraction to SNARE-Mediated Exocytosis in Axonal Growth Cones. <i>Journal of Neuroscience</i> , 2011, 31, 14463-14480.	3.6	59
41	Reelin Controls Progenitor Cell Migration in the Healthy and Pathological Adult Mouse Brain. <i>PLoS ONE</i> , 2011, 6, e20430.	2.5	58
42	Spiny nonpyramidal neurons in the CA3 region of the rat hippocampus are glutamate-like immunoreactive and receive convergent mossy fiber input. <i>Journal of Comparative Neurology</i> , 1993, 333, 435-448.	1.6	56
43	Higher-order aberrations of age-related cataract. <i>Journal of Cataract and Refractive Surgery</i> , 2007, 33, 1442-1446.	1.5	54
44	$\beta$ -amyloid controls altered Reelin expression and processing in Alzheimer's disease. <i>Neurobiology of Disease</i> , 2010, 37, 682-691.	4.4	53
45	Reelin Regulates the Maturation of Dendritic Spines, Synaptogenesis and Glial Ensheathment of Newborn Granule Cells. <i>Cerebral Cortex</i> , 2016, 26, 4282-4298.	2.9	53
46	Age-dependent Spontaneous Hyperexcitability and Impairment of GABAergic Function in the Hippocampus of Mice Lacking <i>trkB</i> . <i>Cerebral Cortex</i> , 2006, 16, 47-63.	2.9	51
47	Expression patterns of MLC1 protein in the central and peripheral nervous systems. <i>Neurobiology of Disease</i> , 2007, 26, 532-545.	4.4	48
48	Lack of <i>TrkB</i> and <i>TrkC</i> signaling alters the synaptogenesis and maturation of mossy fiber terminals in the hippocampus. <i>Cell and Tissue Research</i> , 2005, 319, 349-358.	2.9	46
49	A Semaphorin 3A Inhibitor Blocks Axonal Chemorepulsion and Enhances Axon Regeneration. <i>Chemistry and Biology</i> , 2009, 16, 691-701.	6.0	46
50	Distribution of CNT2 and ENT1 transcripts in rat brain: selective decrease of CNT2 mRNA in the cerebral cortex of sleep-deprived rats. <i>Journal of Neurochemistry</i> , 2004, 90, 883-893.	3.9	45
51	The GABAergic Septohippocampal Pathway Is Directly Involved in Internal Processes Related to Operant Reward Learning. <i>Cerebral Cortex</i> , 2014, 24, 2093-2107.	2.9	45
52	Developmental analysis of Lingo1/Lern1 protein expression in the mouse brain: Interaction of its intracellular domain with Myt1l. <i>Developmental Neurobiology</i> , 2008, 68, 521-541.	3.0	44
53	GSK3 $\beta$ Is Involved in the Relief of Mitochondria Pausing in a Tau-Dependent Manner. <i>PLoS ONE</i> , 2011, 6, e27686.	2.5	44
54	Reelin and mDab1 regulate the development of hippocampal connections. <i>Molecular and Cellular Neurosciences</i> , 2007, 36, 158-173.	2.2	43

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55	Thalamic and Basal Forebrain Afferents Modulate the Development of Parvalbumin and Calbindin D28k Immunoreactivity in the Barrel Cortex of the Rat. <i>European Journal of Neuroscience</i> , 1996, 8, 1522-1534.	2.6	42
56	Somatic Signature of Brain-Specific Single Nucleotide Variations in Sporadic Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2014, 42, 1357-1382.	2.6	38
57	Regeneration of lesioned entorhino-hippocampal axons in vitro by combined degradation of inhibitory proteoglycans and blockade of Nogo66/NgR signaling. <i>FASEB Journal</i> , 2006, 20, 491-493.	0.5	37
58	Cholesterol Depletion Regulates Axonal Growth and Enhances Central and Peripheral Nerve Regeneration. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 40.	3.7	37
59	Tau Isoform with Three Microtubule Binding Domains is a Marker of New Axons Generated from the Subgranular Zone in the Hippocampal Dentate Gyrus: Implications for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2012, 29, 921-930.	2.6	35
60	Reelin Exerts Structural, Biochemical and Transcriptional Regulation Over Presynaptic and Postsynaptic Elements in the Adult Hippocampus. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 138.	3.7	33
61	NCAM2 Regulates Dendritic and Axonal Differentiation through the Cytoskeletal Proteins MAP2 and 14-3-3. <i>Cerebral Cortex</i> , 2020, 30, 3781-3799.	2.9	33
62	Chandelier cells in the hippocampal formation of the rat: The entorhinal area and subicular complex. <i>Journal of Comparative Neurology</i> , 1993, 337, 151-167.	1.6	32
63	Bcl-2 overexpression delays caspase-3 activation and rescues cerebellar degeneration in prion-deficient mice that overexpress amino-terminally truncated prion. <i>FASEB Journal</i> , 2007, 21, 3107-3117.	0.5	32
64	Pattern of expression of the podocalyxin gene in the mouse brain during development. <i>Gene Expression Patterns</i> , 2005, 5, 349-354.	0.8	31
65	Cajal-Retzius cells fail to trigger the developmental expression of the Cl <sup>-</sup> extruding co-transporter KCC2. <i>Brain Research</i> , 2008, 1239, 85-91.	2.2	31
66	The GABAergic septohippocampal pathway in control and reeler mice: target specificity and termination onto reelin-expressing interneurons. <i>Molecular and Cellular Neurosciences</i> , 2004, 25, 679-691.	2.2	30
67	The GABAergic septohippocampal connection is impaired in a mouse model of tauopathy. <i>Neurobiology of Aging</i> , 2017, 49, 40-51.	3.1	30
68	Blockade of the SNARE Protein Syntaxin 1 Inhibits Glioblastoma Tumor Growth. <i>PLoS ONE</i> , 2015, 10, e0119707.	2.5	30
69	Role of class 3 semaphorins in the development and maturation of the septohippocampal pathway. <i>Hippocampus</i> , 2005, 15, 184-202.	1.9	29
70	Cell Proliferation in the Adult Hippocampal Formation of Rodents and its Modulation by Entorhinal and Fimbria-Fornix Afferents. <i>Cerebral Cortex</i> , 2006, 16, 301-312.	2.9	29
71	The CREB/CREM Transcription Factors Negatively Regulate Early Synaptogenesis and Spontaneous Network Activity. <i>Journal of Neuroscience</i> , 2009, 29, 328-333.	3.6	29
72	Implementing multiple forest management in Brazil nut-rich community forests: Effects of logging on natural regeneration and forest disturbance. <i>Forest Ecology and Management</i> , 2012, 268, 92-102.	3.2	29

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73	ApoER2 processing by presenilin-1 modulates reelin expression. <i>FASEB Journal</i> , 2014, 28, 1543-1554.	0.5	29
74	NeuroEPO Preserves Neurons from Glutamate-Induced Excitotoxicity. <i>Journal of Alzheimer's Disease</i> , 2018, 65, 1469-1483.	2.6	29
75	NEK7 regulates dendrite morphogenesis in neurons via Eg5-dependent microtubule stabilization. <i>Nature Communications</i> , 2018, 9, 2330.	12.8	29
76	PrP(106-126) activates neuronal intracellular kinases and Egr1 synthesis through activation of NADPH-oxidase independently of PrPc. <i>FEBS Letters</i> , 2005, 579, 4099-4106.	2.8	28
77	Signalling effect of NIR pulsed lasers on axonal growth. <i>Journal of Neuroscience Methods</i> , 2010, 186, 196-201.	2.5	28
78	Developmental Expression of the Oligodendrocyte Myelin Glycoprotein in the Mouse Telencephalon. <i>Cerebral Cortex</i> , 2010, 20, 1769-1779.	2.9	28
79	Regenerating cortical connections in a dish: the entorhino-hippocampal organotypic slice co-culture as tool for pharmacological screening of molecules promoting axon regeneration. <i>Nature Protocols</i> , 2010, 5, 217-226.	12.0	27
80	Additional mechanisms conferring genetic susceptibility to Alzheimer's disease. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 138.	3.7	27
81	Syntaxin 1 is required for DCC/Netrin-1-dependent chemoattraction of migrating neurons from the lower rhombic lip. <i>European Journal of Neuroscience</i> , 2012, 36, 3152-3164.	2.6	26
82	Hypoxia and P1 receptor activation regulate the high-affinity concentrative adenosine transporter CNT2 in differentiated neuronal PC12 cells. <i>Biochemical Journal</i> , 2013, 454, 437-445.	3.7	26
83	Regulation of Patterned Dynamics of Local Exocytosis in Growth Cones by Netrin-1. <i>Journal of Neuroscience</i> , 2015, 35, 5156-5170.	3.6	26
84	Netrin1 exerts a chemorepulsive effect on migrating cerebellar interneurons in a Dcc-independent way. <i>Molecular and Cellular Neurosciences</i> , 2006, 33, 389-400.	2.2	25
85	The diverse roles and multiple forms of focal adhesion kinase in brain. <i>European Journal of Neuroscience</i> , 2014, 40, 3573-3590.	2.6	25
86	The Non-Canonical Wnt/PKC Pathway Regulates Mitochondrial Dynamics through Degradation of the Arm-Like Domain-Containing Protein Alex3. <i>PLoS ONE</i> , 2013, 8, e67773.	2.5	25
87	Parvalbumin-immunoreactive neurons in the cerebral cortex of the lizard <i>Podarcis hispanica</i> . <i>Brain Research</i> , 1991, 547, 339-343.	2.2	24
88	Regional variability and postsynaptic targets of chandelier cells in the hippocampal formation of the rat. <i>Journal of Comparative Neurology</i> , 1996, 376, 28-44.	1.6	24
89	The Mixture of Ecstasy and Its Metabolites Impairs Mitochondrial Fusion/Fission Equilibrium and Trafficking in Hippocampal Neurons, at In Vivo Relevant Concentrations. <i>Toxicological Sciences</i> , 2014, 139, 407-420.	3.1	24
90	Benz[c,d]indolium-containing Monomethine Cyanine Dyes: Synthesis and Photophysical Properties. <i>Molecules</i> , 2016, 21, 23.	3.8	24

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91	NP1 Regulates Neuronal Activity-Dependent Accumulation of BAX in Mitochondria and Mitochondrial Dynamics. <i>Journal of Neuroscience</i> , 2012, 32, 1453-1466.	3.6	23
92	Involvement of Cajal-Retzius cells in robust and layer-specific regeneration of the entorhino-hippocampal pathways. <i>European Journal of Neuroscience</i> , 2002, 15, 1881-1890.	2.6	22
93	Expression of Semaphorin 4F in neurons and brain oligodendrocytes and the regulation of oligodendrocyte precursor migration in the optic nerve. <i>Molecular and Cellular Neurosciences</i> , 2012, 49, 54-67.	2.2	22
94	Coordinated functions of Netrin-1 and Class 3 secreted Semaphorins in the guidance of reciprocal septohippocampal connections. <i>Molecular and Cellular Neurosciences</i> , 2004, 26, 24-33.	2.2	19
95	Transient Downregulation of Dab1 Protein Levels during Development Leads to Behavioral and Structural Deficits: Relevance for Psychiatric Disorders. <i>Neuropsychopharmacology</i> , 2014, 39, 556-568.	5.4	19
96	Hydrogen/Deuterium Exchange-Protected Oligomers Populated during A $\beta$ Fibril Formation Correlate with Neuronal Cell Death. <i>ACS Chemical Biology</i> , 2014, 9, 2678-2685.	3.4	19
97	MDMA impairs mitochondrial neuronal trafficking in a Tau- and Mitofusin2/Drp1-dependent manner. <i>Archives of Toxicology</i> , 2014, 88, 1561-1572.	4.2	18
98	New functions of Semaphorin 3E and its receptor PlexinD1 during developing and adult hippocampal formation. <i>Scientific Reports</i> , 2018, 8, 1381.	3.3	18
99	The Hidden Side of NCAM Family: NCAM2, a Key Cytoskeleton Organization Molecule Regulating Multiple Neural Functions. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10021.	4.1	18
100	Regulation of neural migration by the CREB/CREM transcription factors and altered Dab1 levels in CREB/CREM mutants. <i>Molecular and Cellular Neurosciences</i> , 2008, 39, 519-528.	2.2	17
101	FAIM-L regulation of XIAP degradation modulates Synaptic Long-Term Depression and Axon Degeneration. <i>Scientific Reports</i> , 2016, 6, 35775.	3.3	17
102	Reversible silencing of endogenous receptors in intact brain tissue using 2-photon pharmacology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 13680-13689.	7.1	17
103	Differential accumulation of Tau phosphorylated at residues Thr231, Ser262 and Thr205 in hippocampal interneurons and its modulation by Tau mutations (VLW) and amyloid- $\beta$ peptide. <i>Neurobiology of Disease</i> , 2019, 125, 232-244.	4.4	17
104	SNARE complex in axonal guidance and neuroregeneration. <i>Neural Regeneration Research</i> , 2018, 13, 386.	3.0	17
105	Unconventional EGF-induced ERK1/2-mediated Kv1.3 endocytosis. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 1515-1528.	5.4	16
106	Semaphorin 6C leads to GSK-3-dependent growth cone collapse and redistributes after entorhino-hippocampal axotomy. <i>Molecular and Cellular Neurosciences</i> , 2006, 33, 321-334.	2.2	15
107	Efficacy and tolerability of a combined moxifloxacin/dexamethasone formulation for topical prophylaxis and reduction of inflammation in phacoemulsification: a comparative, double masked clinical trial. <i>Current Medical Research and Opinion</i> , 2007, 23, 3123-3130.	1.9	14
108	Neurites regrowth of cortical neurons by GSK3 $\beta$ inhibition independently of Nogo receptor 1. <i>Journal of Neurochemistry</i> , 2010, 113, 1644-1658.	3.9	14

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109	SNARE proteins play a role in motor axon guidance in vertebrates and invertebrates. <i>Developmental Neurobiology</i> , 2017, 77, 963-974.	3.0	14
110	Fibrillar prion peptide PrP(106-126) treatment induces Dab1 phosphorylation and impairs APP processing and A $\beta$ production in cortical neurons. <i>Neurobiology of Disease</i> , 2008, 30, 243-254.	4.4	13
111	The Death Receptor Antagonist FLIP-L Interacts with Trk and Is Necessary for Neurite Outgrowth Induced by Neurotrophins. <i>Journal of Neuroscience</i> , 2010, 30, 6094-6105.	3.6	13
112	Function of Armcx3 and Armc10/SVH Genes in the Regulation of Progenitor Proliferation and Neural Differentiation in the Chicken Spinal Cord. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 47.	3.7	12
113	A collection of cDNAs enriched in upper cortical layers of the embryonic mouse brain. <i>Molecular Brain Research</i> , 2004, 122, 133-150.	2.3	10
114	A conserved role for Syntaxin-1 in pre- and post-commissural midline axonal guidance in fly, chick, and mouse. <i>PLoS Genetics</i> , 2018, 14, e1007432.	3.5	10
115	Expression pattern of ACK1 tyrosine kinase during brain development in the mouse. <i>Gene Expression Patterns</i> , 2006, 6, 886-892.	0.8	7
116	Two Cases of Cosmetic Iris Implant Explantation Secondary to Uveitis, Glaucoma, and Corneal Decompensation. <i>JAMA Ophthalmology</i> , 2012, 130, 787-9.	2.4	7
117	Validation of Suspected Somatic Single Nucleotide Variations in the Brain of Alzheimer's Disease Patients. <i>Journal of Alzheimer's Disease</i> , 2017, 56, 977-990.	2.6	7
118	Bcl-2 overexpression does not promote axonal regeneration of the entorhino-hippocampal connections in vitro after axotomy. <i>Brain Research</i> , 2004, 1020, 204-209.	2.2	6
119	Peptoids bearing tertiary amino residues in the n-alkyl side chains: synthesis of a potent inhibitor of Semaphorin 3A. <i>Tetrahedron</i> , 2010, 66, 2444-2454.	1.9	6
120	Variations in brain DNA. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 323.	3.4	6
121	Synthesis of Asymmetric Monomethine Cyanine Dyes with Red-shifted Optical Properties. <i>Journal of Heterocyclic Chemistry</i> , 2015, 52, 180-184.	2.6	6
122	Turn on fluorescence response of monomethine cyanines caused by noncovalent binding to ct-DNA. <i>Dyes and Pigments</i> , 2017, 145, 202-207.	3.7	6
123	New Partners Identified by Mass Spectrometry Assay Reveal Functions of NCAM2 in Neural Cytoskeleton Organization. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7404.	4.1	6
124	Similarities and Differences between Exome Sequences Found in a Variety of Tissues from the Same Individual. <i>PLoS ONE</i> , 2014, 9, e101412.	2.5	6
125	Semaphorin 3C is not required for the establishment and target specificity of the GABAergic septohippocampal pathway <i>in vitro</i> . <i>European Journal of Neuroscience</i> , 2011, 34, 1923-1933.	2.6	5
126	Influence of distant femtosecond laser pulses on growth cone filopodia. <i>Cytotechnology</i> , 2008, 58, 103-111.	1.6	4



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127	Identification of novel Ack1-interacting proteins and Ack1 phosphorylated sites in mouse brain by mass spectrometry. <i>Oncotarget</i> , 2017, 8, 101146-101157.	1.8	3
128	New partners and phosphorylation sites of focal adhesion kinase identified by mass spectrometry. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 1388-1394.	2.4	2
129	Ultra-short pulses to signal neuronal growth cone machinery. , 2007, , .		0
130	Syntaxin 1 is required for DCC/Netrin-1-dependent chemoattraction of migrating neurons from the lower rhombic lip. <i>European Journal of Neuroscience</i> , 2013, 38, 2338-2338.	2.6	0
131	ERK1/2 Mediates EGF-Dependent Kv1.3 Endocytosis. <i>Biophysical Journal</i> , 2017, 112, 251a-252a.	0.5	0