

# Chris I De Zeeuw

## List of Publications by Citations

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268  
papers

15,847  
citations

72  
h-index

117  
g-index

291  
ext. papers

18,705  
ext. citations

8.6  
avg, IF

6.57  
L-index

#	Paper	IF	Citations
268	Visualization of microtubule growth in cultured neurons via the use of EB3-GFP (end-binding protein 3-green fluorescent protein). <i>Journal of Neuroscience</i> , <b>2003</b> , 23, 2655-64	6.6	508
267	Clasps are CLIP-115 and -170 associating proteins involved in the regional regulation of microtubule dynamics in motile fibroblasts. <i>Cell</i> , <b>2001</b> , 104, 923-35	56.2	390
266	Expression of a protein kinase C inhibitor in Purkinje cells blocks cerebellar LTD and adaptation of the vestibulo-ocular reflex. <i>Neuron</i> , <b>1998</b> , 20, 495-508	13.9	354
265	Paraneoplastic cerebellar ataxia due to autoantibodies against a glutamate receptor. <i>New England Journal of Medicine</i> , <b>2000</b> , 342, 21-7	59.2	349
264	Distributed synergistic plasticity and cerebellar learning. <i>Nature Reviews Neuroscience</i> , <b>2012</b> , 13, 619-35	13.5	340
263	Bidirectional parallel fiber plasticity in the cerebellum under climbing fiber control. <i>Neuron</i> , <b>2004</b> , 44, 691-700	13.9	315
262	Spatiotemporal firing patterns in the cerebellum. <i>Nature Reviews Neuroscience</i> , <b>2011</b> , 12, 327-44	13.5	313
261	Bicaudal-D regulates COPI-independent Golgi-ER transport by recruiting the dynein-dynactin motor complex. <i>Nature Cell Biology</i> , <b>2002</b> , 4, 986-92	23.4	310
260	A Cre-dependent GCaMP3 reporter mouse for neuronal imaging in vivo. <i>Journal of Neuroscience</i> , <b>2012</b> , 32, 3131-41	6.6	281
259	Rescue of behavioral phenotype and neuronal protrusion morphology in Fmr1 KO mice. <i>Neurobiology of Disease</i> , <b>2008</b> , 31, 127-32	7.5	270
258	Reevaluating the role of LTD in cerebellar motor learning. <i>Neuron</i> , <b>2011</b> , 70, 43-50	13.9	245
257	Timing and plasticity in the cerebellum: focus on the granular layer. <i>Trends in Neurosciences</i> , <b>2009</b> , 32, 30-40	13.3	245
256	Transcription factor GATA-3 alters pathway selection of olivocochlear neurons and affects morphogenesis of the ear. <i>Journal of Comparative Neurology</i> , <b>2001</b> , 429, 615-30	3.4	238
255	Synaptic inhibition of Purkinje cells mediates consolidation of vestibulo-cerebellar motor learning. <i>Nature Neuroscience</i> , <b>2009</b> , 12, 1042-9	25.5	228
254	Shared synaptic pathophysiology in syndromic and nonsyndromic rodent models of autism. <i>Science</i> , <b>2012</b> , 338, 128-32	33.3	210
253	Activity-based protein profiling reveals off-target proteins of the FAAH inhibitor BIA 10-2474. <i>Science</i> , <b>2017</b> , 356, 1084-1087	33.3	204
252	Cerebellar modules operate at different frequencies. <i>ELife</i> , <b>2014</b> , 3, e02536	8.9	196

251	L1 knockout mice show dilated ventricles, vermis hypoplasia and impaired exploration patterns. <i>Human Molecular Genetics</i> , <b>1998</b> , 7, 999-1009	5.6	188
250	Time and tide in cerebellar memory formation. <i>Current Opinion in Neurobiology</i> , <b>2005</b> , 15, 667-74	7.6	187
249	Neuron-specific expression of mutant superoxide dismutase is sufficient to induce amyotrophic lateral sclerosis in transgenic mice. <i>Journal of Neuroscience</i> , <b>2008</b> , 28, 2075-88	6.6	183
248	alphaCaMKII Is essential for cerebellar LTD and motor learning. <i>Neuron</i> , <b>2006</b> , 51, 835-43	13.9	182
247	High cortical spreading depression susceptibility and migraine-associated symptoms in Ca(v)2.1 S218L mice. <i>Annals of Neurology</i> , <b>2010</b> , 67, 85-98	9.4	174
246	Role of olivary electrical coupling in cerebellar motor learning. <i>Neuron</i> , <b>2008</b> , 58, 599-612	13.9	172
245	A cortico-cerebellar loop for motor planning. <i>Nature</i> , <b>2018</b> , 563, 113-116	50.4	163
244	Anatomical pathways involved in generating and sensing rhythmic whisker movements. <i>Frontiers in Integrative Neuroscience</i> , <b>2011</b> , 5, 53	3.2	158
243	Modulation of presynaptic plasticity and learning by the H-ras/extracellular signal-regulated kinase/synapsin I signaling pathway. <i>Journal of Neuroscience</i> , <b>2005</b> , 25, 9721-34	6.6	158
242	Bicaudal D induces selective dynein-mediated microtubule minus end-directed transport. <i>EMBO Journal</i> , <b>2003</b> , 22, 6004-15	13	156
241	Elimination of inhibitory synapses is a major component of adult ocular dominance plasticity. <i>Neuron</i> , <b>2012</b> , 74, 374-83	13.9	151
240	Targeted mutation of Cyln2 in the Williams syndrome critical region links CLIP-115 haploinsufficiency to neurodevelopmental abnormalities in mice. <i>Nature Genetics</i> , <b>2002</b> , 32, 116-27	36.3	147
239	Mechanisms underlying cerebellar motor deficits due to mGluR1-autoantibodies. <i>Annals of Neurology</i> , <b>2003</b> , 53, 325-36	9.4	147
238	Olivary projecting neurons in the nucleus of Darkschewitsch in the cat receive excitatory monosynaptic input from the cerebellar nuclei. <i>Brain Research</i> , <b>1994</b> , 653, 345-50	3.7	147
237	Effect of simvastatin on cognitive functioning in children with neurofibromatosis type 1: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2008</b> , 300, 287-94	27.4	146
236	Calbindin in cerebellar Purkinje cells is a critical determinant of the precision of motor coordination. <i>Journal of Neuroscience</i> , <b>2003</b> , 23, 3469-77	6.6	143
235	Cerebellar LTD and pattern recognition by Purkinje cells. <i>Neuron</i> , <b>2007</b> , 54, 121-36	13.9	136
234	Evolving Models of Pavlovian Conditioning: Cerebellar Cortical Dynamics in Awake Behaving Mice. <i>Cell Reports</i> , <b>2015</b> , 13, 1977-88	10.6	132

233	Deformation of network connectivity in the inferior olive of connexin 36-deficient mice is compensated by morphological and electrophysiological changes at the single neuron level. <i>Journal of Neuroscience</i> , <b>2003</b> , 23, 4700-11	6.6	131
232	Bergmann glial AMPA receptors are required for fine motor coordination. <i>Science</i> , <b>2012</b> , 337, 749-53	33.3	129
231	The making of a complex spike: ionic composition and plasticity. <i>Annals of the New York Academy of Sciences</i> , <b>2002</b> , 978, 359-90	6.5	127
230	Impairment of LTD and cerebellar learning by Purkinje cell-specific ablation of cGMP-dependent protein kinase I. <i>Journal of Cell Biology</i> , <b>2003</b> , 163, 295-302	7.3	122
229	Motor Learning and the Cerebellum. <i>Cold Spring Harbor Perspectives in Biology</i> , <b>2015</b> , 7, a021683	10.2	120
228	Differential olivo-cerebellar cortical control of rebound activity in the cerebellar nuclei. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 8410-5	11.5	113
227	Visuomotor cerebellum in human and nonhuman primates. <i>Cerebellum</i> , <b>2012</b> , 11, 392-410	4.3	112
226	Purkinje cells in awake behaving animals operate at the upstate membrane potential. <i>Nature Neuroscience</i> , <b>2006</b> , 9, 459-61; author reply 461	25.5	112
225	Cerebellar granule cells acquire a widespread predictive feedback signal during motor learning. <i>Nature Neuroscience</i> , <b>2017</b> , 20, 727-734	25.5	111
224	GATA-3 is involved in the development of serotonergic neurons in the caudal raphe nuclei. <i>Journal of Neuroscience</i> , <b>1999</b> , 19, RC12	6.6	111
223	Intrinsic plasticity complements long-term potentiation in parallel fiber input gain control in cerebellar Purkinje cells. <i>Journal of Neuroscience</i> , <b>2010</b> , 30, 13630-43	6.6	110
222	Strength and timing of motor responses mediated by rebound firing in the cerebellar nuclei after Purkinje cell activation. <i>Frontiers in Neural Circuits</i> , <b>2013</b> , 7, 133	3.5	109
221	Expression pattern of lacZ reporter gene representing connexin36 in transgenic mice. <i>Journal of Comparative Neurology</i> , <b>2004</b> , 473, 511-25	3.4	106
220	Dysfunctional cerebellar Purkinje cells contribute to autism-like behaviour in Shank2-deficient mice. <i>Nature Communications</i> , <b>2016</b> , 7, 12627	17.4	104
219	Excitatory Cerebellar Nucleocortical Circuit Provides Internal Amplification during Associative Conditioning. <i>Neuron</i> , <b>2016</b> , 89, 645-57	13.9	102
218	Cerebellar molecular layer interneurons - computational properties and roles in learning. <i>Trends in Neurosciences</i> , <b>2010</b> , 33, 524-32	13.3	101
217	Climbing fiber input shapes reciprocity of Purkinje cell firing. <i>Neuron</i> , <b>2013</b> , 78, 700-13	13.9	98
216	Silencing the majority of cerebellar granule cells uncovers their essential role in motor learning and consolidation. <i>Cell Reports</i> , <b>2013</b> , 3, 1239-51	10.6	97

215	Phosphatidylserine plasma membrane asymmetry in vivo: a pancellular phenomenon which alters during apoptosis. <i>Cell Death and Differentiation</i> , <b>1997</b> , 4, 311-6	12.7	96
214	High bandwidth synaptic communication and frequency tracking in human neocortex. <i>PLoS Biology</i> , <b>2014</b> , 12, e1002007	9.7	94
213	CLIP-115, a novel brain-specific cytoplasmic linker protein, mediates the localization of dendritic lamellar bodies. <i>Neuron</i> , <b>1997</b> , 19, 1187-99	13.9	94
212	Regular patterns in cerebellar Purkinje cell simple spike trains. <i>PLoS ONE</i> , <b>2007</b> , 2, e485	3.7	93
211	betaCaMKII controls the direction of plasticity at parallel fiber-Purkinje cell synapses. <i>Nature Neuroscience</i> , <b>2009</b> , 12, 823-5	25.5	91
210	fMRI activities in the emotional cerebellum: a preference for negative stimuli and goal-directed behavior. <i>Cerebellum</i> , <b>2012</b> , 11, 233-45	4.3	90
209	Cerebellar output controls generalized spike-and-wave discharge occurrence. <i>Annals of Neurology</i> , <b>2015</b> , 77, 1027-49	9.4	88
208	Endocochlear potential depends on Cl <sup>-</sup> channels: mechanism underlying deafness in Bartter syndrome IV. <i>EMBO Journal</i> , <b>2008</b> , 27, 2907-17	13	87
207	In situ detection of apoptosis during embryogenesis with annexin V: from whole mount to ultrastructure. <i>Cytometry</i> , <b>1997</b> , 29, 313-20		84
206	Zonal organization of the mouse flocculus: physiology, input, and output. <i>Journal of Comparative Neurology</i> , <b>2006</b> , 497, 670-82	3.4	80
205	Formation of microtubule-based traps controls the sorting and concentration of vesicles to restricted sites of regenerating neurons after axotomy. <i>Journal of Cell Biology</i> , <b>2007</b> , 176, 497-507	7.3	79
204	Genetic dissection of the function of hindbrain axonal commissures. <i>PLoS Biology</i> , <b>2010</b> , 8, e1000325	9.7	77
203	Cerebellar control of gait and interlimb coordination. <i>Brain Structure and Function</i> , <b>2015</b> , 220, 3513-36	4	76
202	Encoding of whisker input by cerebellar Purkinje cells. <i>Journal of Physiology</i> , <b>2010</b> , 588, 3757-83	3.9	76
201	Familial Alzheimer® disease-associated presenilin-1 alters cerebellar activity and calcium homeostasis. <i>Journal of Clinical Investigation</i> , <b>2014</b> , 124, 1552-67	15.9	76
200	LIMK1 and CLIP-115: linking cytoskeletal defects to Williams syndrome. <i>BioEssays</i> , <b>2004</b> , 26, 141-50	4.1	75
199	Cerebellar ataxia by enhanced Ca(V)2.1 currents is alleviated by Ca <sup>2+</sup> -dependent K <sup>+</sup> -channel activators in Cacna1a(S218L) mutant mice. <i>Journal of Neuroscience</i> , <b>2012</b> , 32, 15533-46	6.6	74
198	Don® get too excited: mechanisms of glutamate-mediated Purkinje cell death. <i>Progress in Brain Research</i> , <b>2005</b> , 148, 367-90	2.9	74

197	Hearing loss following Gata3 haploinsufficiency is caused by cochlear disorder. <i>Neurobiology of Disease</i> , <b>2004</b> , 16, 169-78	7.5	72
196	Cerebellar and extracerebellar involvement in mouse eyeblink conditioning: the ACDC model. <i>Frontiers in Cellular Neuroscience</i> , <b>2010</b> , 3, 19	6.1	70
195	Climbing fiber burst size and olivary sub-threshold oscillations in a network setting. <i>PLoS Computational Biology</i> , <b>2012</b> , 8, e1002814	5	69
194	Repeated mild injury causes cumulative damage to hippocampal cells. <i>Brain</i> , <b>2002</b> , 125, 2699-709	11.2	68
193	Role of Synchronous Activation of Cerebellar Purkinje Cell Ensembles in Multi-joint Movement Control. <i>Current Biology</i> , <b>2015</b> , 25, 1157-65	6.3	67
192	Estradiol improves cerebellar memory formation by activating estrogen receptor beta. <i>Journal of Neuroscience</i> , <b>2007</b> , 27, 10832-9	6.6	67
191	Spatial navigation impairment in mice lacking cerebellar LTD: a motor adaptation deficit?. <i>Nature Neuroscience</i> , <b>2005</b> , 8, 1292-4	25.5	67
190	An Xpd mouse model for the combined xeroderma pigmentosum/Cockayne syndrome exhibiting both cancer predisposition and segmental progeria. <i>Cancer Cell</i> , <b>2006</b> , 10, 121-32	24.3	66
189	Causes and consequences of oscillations in the cerebellar cortex. <i>Neuron</i> , <b>2008</b> , 58, 655-8	13.9	64
188	Alcohol impairs long-term depression at the cerebellar parallel fiber-Purkinje cell synapse. <i>Journal of Neurophysiology</i> , <b>2008</b> , 100, 3167-74	3.2	64
187	Motor Learning Requires Purkinje Cell Synaptic Potentiation through Activation of AMPA-Receptor Subunit GluA3. <i>Neuron</i> , <b>2017</b> , 93, 409-424	13.9	63
186	Inhibition of protein kinase C prevents Purkinje cell death but does not affect axonal regeneration. <i>Journal of Neuroscience</i> , <b>2002</b> , 22, 3531-42	6.6	63
185	The Roles of the Olivocerebellar Pathway in Motor Learning and Motor Control. A Consensus Paper. <i>Cerebellum</i> , <b>2017</b> , 16, 230-252	4.3	60
184	Gain adaptation and phase dynamics of compensatory eye movements in mice. <i>Genes and Function</i> , <b>1997</b> , 1, 175-90		60
183	Long-term depression of climbing fiber-evoked calcium transients in Purkinje cell dendrites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 2878-83	11.5	60
182	Axonal sprouting and formation of terminals in the adult cerebellum during associative motor learning. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 17897-907	6.6	58
181	Dynamic modulation of activity in cerebellar nuclei neurons during pavlovian eyeblink conditioning in mice. <i>ELife</i> , <b>2017</b> , 6,	8.9	56
180	High frequency burst firing of granule cells ensures transmission at the parallel fiber to purkinje cell synapse at the cost of temporal coding. <i>Frontiers in Neural Circuits</i> , <b>2013</b> , 7, 95	3.5	55

179	Raising cytosolic Cl <sup>-</sup> in cerebellar granule cells affects their excitability and vestibulo-ocular learning. <i>EMBO Journal</i> , <b>2012</b> , 31, 1217-30	13	55
178	T-type channel blockade impairs long-term potentiation at the parallel fiber-Purkinje cell synapse and cerebellar learning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 20302-7	11.5	54
177	Hearing loss in infantile Pompe disease and determination of underlying pathology in the knockout mouse. <i>Neurobiology of Disease</i> , <b>2004</b> , 16, 14-20	7.5	54
176	Olivary subthreshold oscillations and burst activity revisited. <i>Frontiers in Neural Circuits</i> , <b>2012</b> , 6, 91	3.5	53
175	Light stimulus frequency dependence of activity in the rat visual system as studied with high-resolution BOLD fMRI. <i>Journal of Neurophysiology</i> , <b>2006</b> , 95, 3164-70	3.2	53
174	The Sleeping Cerebellum. <i>Trends in Neurosciences</i> , <b>2017</b> , 40, 309-323	13.3	52
173	Behavioral correlates of complex spike synchrony in cerebellar microzones. <i>Journal of Neuroscience</i> , <b>2014</b> , 34, 8937-47	6.6	50
172	Controlling Cerebellar Output to Treat Refractory Epilepsy. <i>Trends in Neurosciences</i> , <b>2015</b> , 38, 787-799	13.3	50
171	Adaptive stress response in segmental progeria resembles long-lived dwarfism and calorie restriction in mice. <i>PLoS Genetics</i> , <b>2006</b> , 2, e192	6	48
170	Spinocerebellar ataxia type 6 protein aggregates cause deficits in motor learning and cerebellar plasticity. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 8882-95	6.6	47
169	Eye movements of the murine P/Q calcium channel mutant tottering, and the impact of aging. <i>Journal of Neurophysiology</i> , <b>2006</b> , 95, 1588-607	3.2	47
168	Reducing GBA2 Activity Ameliorates Neuropathology in Niemann-Pick Type C Mice. <i>PLoS ONE</i> , <b>2015</b> , 10, e0135889	3.7	47
167	The neuronal code(s) of the cerebellum. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 17603-9	6.6	46
166	Time windows and reverberating loops: a reverse-engineering approach to cerebellar function. <i>Cerebellum</i> , <b>2003</b> , 2, 44-54	4.3	46
165	Properties of the nucleo-olivary pathway: an in vivo whole-cell patch clamp study. <i>PLoS ONE</i> , <b>2012</b> , 7, e46360	3.7	46
164	Spatiotemporal distribution of Connexin45 in the olivocerebellar system. <i>Journal of Comparative Neurology</i> , <b>2006</b> , 495, 173-84	3.4	45
163	The murine CYLN2 gene: genomic organization, chromosome localization, and comparison to the human gene that is located within the 7q11.23 Williams syndrome critical region. <i>Genomics</i> , <b>1998</b> , 53, 348-58	4.3	45
162	NINscope, a versatile miniscope for multi-region circuit investigations. <i>ELife</i> , <b>2020</b> , 9,	8.9	45



161	Regional functionality of the cerebellum. <i>Current Opinion in Neurobiology</i> , <b>2015</b> , 33, 150-5	7.6	44
160	Hippocampal-cerebellar interaction during spatio-temporal prediction. <i>Cerebral Cortex</i> , <b>2015</b> , 25, 313-215.1	5.1	43
159	The human cerebellum has almost 80% of the surface area of the neocortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 19538-19543	11.5	42
158	A cerebellar learning model of vestibulo-ocular reflex adaptation in wild-type and mutant mice. <i>Journal of Neuroscience</i> , <b>2014</b> , 34, 7203-15	6.6	40
157	Cerebellar potentiation and learning a whisker-based object localization task with a time response window. <i>Journal of Neuroscience</i> , <b>2014</b> , 34, 1949-62	6.6	40
156	Gating of long-term potentiation by nicotinic acetylcholine receptors at the cerebellum input stage. <i>PLoS ONE</i> , <b>2013</b> , 8, e64828	3.7	40
155	Changes of cerebral blood flow during the secondary expansion of a cortical contusion assessed by <sup>14</sup> C-iodoantipyrine autoradiography in mice using a non-invasive protocol. <i>Journal of Neurotrauma</i> , <b>2008</b> , 25, 739-53	5.4	40
154	Interaction between ocular stabilization reflexes in patients with whiplash injury. <i>Investigative Ophthalmology and Visual Science</i> , <b>2006</b> , 47, 2881-4		39
153	Differentiating Cerebellar Impact on Thalamic Nuclei. <i>Cell Reports</i> , <b>2018</b> , 23, 2690-2704	10.6	38
152	Reversibility of neuropathology and motor deficits in an inducible mouse model for FXTAS. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 4948-57	5.6	37
151	Time window control: a model for cerebellar function based on synchronization, reverberation, and time slicing. <i>Progress in Brain Research</i> , <b>2000</b> , 124, 275-97	2.9	37
150	Differential amplification of intron-containing transcripts reveals long term potentiation-associated up-regulation of specific Pde10A phosphodiesterase splice variants. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 15841-9	5.4	36
149	Cerebellar cortex and cerebellar nuclei are concomitantly activated during eyeblink conditioning: a 7T fMRI study in humans. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 1228-39	6.6	34
148	Dynamical working memory and timed responses: the role of reverberating loops in the olivo-cerebellar system. <i>Neural Computation</i> , <b>2002</b> , 14, 2597-626	2.9	34
147	Synaptic transmission and plasticity at inputs to murine cerebellar Purkinje cells are largely dispensable for standard nonmotor tasks. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 12599-618	6.6	33
146	Altered olivocerebellar activity patterns in the connexin36 knockout mouse. <i>Cerebellum</i> , <b>2007</b> , 6, 287-99.4.3	4.3	33
145	Mechanisms underlying vestibulo-cerebellar motor learning in mice depend on movement direction. <i>Journal of Physiology</i> , <b>2017</b> , 595, 5301-5326	3.9	32
144	Vestibular role of KCNQ4 and KCNQ5 K <sup>+</sup> channels revealed by mouse models. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 9334-44	5.4	32



143	Role of the cerebellar cortex in conditioned goal-directed behavior. <i>Journal of Neuroscience</i> , <b>2010</b> , 30, 13265-71	6.6	32
142	Adaptation of the cervico- and vestibulo-ocular reflex in whiplash injury patients. <i>Journal of Neurotrauma</i> , <b>2008</b> , 25, 687-93	5.4	32
141	Potentiation of cerebellar Purkinje cells facilitates whisker reflex adaptation through increased simple spike activity. <i>ELife</i> , <b>2018</b> , 7,	8.9	32
140	The anatomy of fear learning in the cerebellum: A systematic meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2015</b> , 59, 83-91	9	31
139	Purkinje cell-specific ablation of Cav2.1 channels is sufficient to cause cerebellar ataxia in mice. <i>Cerebellum</i> , <b>2012</b> , 11, 246-58	4.3	31
138	Dissociation of locomotor and cerebellar deficits in a murine Angelman syndrome model. <i>Journal of Clinical Investigation</i> , <b>2015</b> , 125, 4305-15	15.9	29
137	Purkinje cell input to cerebellar nuclei in tottering: ultrastructure and physiology. <i>Cerebellum</i> , <b>2008</b> , 7, 547-58	4.3	28
136	Impact of conventional anesthesia on auditory brainstem responses in mice. <i>Hearing Research</i> , <b>2004</b> , 193, 75-82	3.9	28
135	The centromeric/nucleolar chromatin protein ZFP-37 may function to specify neuronal nuclear domains. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 9099-109	5.4	28
134	The Formation of Hierarchical Decisions in the Visual Cortex. <i>Neuron</i> , <b>2015</b> , 87, 1344-1356	13.9	27
133	Cerebellar plasticity and associative memories are controlled by perineuronal nets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 6855-6865	11.5	27
132	Cell death, glial protein alterations and elevated S-100 beta release in cerebellar cell cultures following mechanically induced trauma. <i>Neurobiology of Disease</i> , <b>2004</b> , 15, 563-72	7.5	27
131	Diversity and dynamism in the cerebellum. <i>Nature Neuroscience</i> , <b>2021</b> , 24, 160-167	25.5	27
130	Reappraisal of Bergmann glial cells as modulators of cerebellar circuit function. <i>Frontiers in Cellular Neuroscience</i> , <b>2015</b> , 9, 246	6.1	26
129	Variable timing of synaptic transmission in cerebellar unipolar brush cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 5403-8	11.5	26
128	Bidirectional learning in upbound and downbound microzones of the cerebellum. <i>Nature Reviews Neuroscience</i> , <b>2021</b> , 22, 92-110	13.5	26
127	Functional Ultrasound (fUS) During Awake Brain Surgery: The Clinical Potential of Intra-Operative Functional and Vascular Brain Mapping. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 1384	5.1	25
126	Motor learning in children with neurofibromatosis type I. <i>Cerebellum</i> , <b>2011</b> , 10, 14-21	4.3	25

125	Circling behavior in the Ecl mouse is caused by lateral semicircular canal defects. <i>Journal of Comparative Neurology</i> , <b>2004</b> , 468, 587-95	3.4	25
124	A cerebellar mechanism for learning prior distributions of time intervals. <i>Nature Communications</i> , <b>2018</b> , 9, 469	17.4	24
123	Otolith deprivation induces optokinetic compensation. <i>Journal of Neurophysiology</i> , <b>2005</b> , 94, 3487-96	3.2	24
122	TRPC3 is a major contributor to functional heterogeneity of cerebellar Purkinje cells. <i>ELife</i> , <b>2019</b> , 8,	8.9	24
121	Impact of parallel fiber to Purkinje cell long-term depression is unmasked in absence of inhibitory input. <i>Science Advances</i> , <b>2018</b> , 4, eaas9426	14.3	24
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