

# Carey D Balaban

## List of Publications by Citations

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175  
papers

5,238  
citations

39  
h-index

65  
g-index

183  
ext. papers

5,823  
ext. citations

3.7  
avg, IF

5.86  
L-index

#	Paper	IF	Citations
175	Neurological bases for balance-anxiety links. <i>Journal of Anxiety Disorders</i> , <b>2001</b> , 15, 53-79	10.9	280
174	Neural substrates linking balance control and anxiety. <i>Physiology and Behavior</i> , <b>2002</b> , 77, 469-75	3.5	181
173	Migraine-related vestibulopathy. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , <b>1997</b> , 106, 182-9	2.1	179
172	Migrainous vertigo: development of a pathogenetic model and structured diagnostic interview. <i>Current Opinion in Neurology</i> , <b>2003</b> , 16, 5-13	7.1	157
171	Vestibular migraine: clinical aspects and pathophysiology. <i>Lancet Neurology</i> , <b>2013</b> , 12, 706-15	24.1	152
170	Neurologic bases for comorbidity of balance disorders, anxiety disorders and migraine: neurotherapeutic implications. <i>Expert Review of Neurotherapeutics</i> , <b>2011</b> , 11, 379-94	4.3	144
169	A mouse model of blast-induced mild traumatic brain injury. <i>Experimental Neurology</i> , <b>2011</b> , 232, 280-9	5.7	141
168	Amelioration of acute sequelae of blast induced mild traumatic brain injury by N-acetyl cysteine: a double-blind, placebo controlled study. <i>PLoS ONE</i> , <b>2013</b> , 8, e54163	3.7	134
167	Zonal organization of olivo-nodulus projections in albino rabbits. <i>Neuroscience Research</i> , <b>1988</b> , 5, 409-23	2.9	109
166	Vestibular nucleus projections to nucleus tractus solitarius and the dorsal motor nucleus of the vagus nerve: potential substrates for vestibulo-autonomic interactions. <i>Experimental Brain Research</i> , <b>1994</b> , 98, 200-12	2.3	103
165	Blast exposure: vestibular consequences and associated characteristics. <i>Otology and Neurotology</i> , <b>2010</b> , 31, 232-6	2.6	101
164	Background and history of the interface between anxiety and vertigo. <i>Journal of Anxiety Disorders</i> , <b>2001</b> , 15, 27-51	10.9	96
163	Pain sensitivity and vasopressin analgesia are mediated by a gene-sex-environment interaction. <i>Nature Neuroscience</i> , <b>2011</b> , 14, 1569-73	25.5	93
162	Organization of thalamic afferents to anterior dorsal ventricular ridge in turtles. I. Projections of thalamic nuclei. <i>Journal of Comparative Neurology</i> , <b>1981</b> , 200, 95-129	3.4	91
161	Threat assessment and locomotion: clinical applications of an integrated model of anxiety and postural control. <i>Seminars in Neurology</i> , <b>2013</b> , 33, 297-306	3.2	86
160	Imaging of lipids in rat heart by MALDI-MS with silver nanoparticles. <i>Analytical and Bioanalytical Chemistry</i> , <b>2014</b> , 406, 1377-86	4.4	75
159	Projections from the parabrachial nucleus to the vestibular nuclei: potential substrates for autonomic and limbic influences on vestibular responses. <i>Brain Research</i> , <b>2004</b> , 996, 126-37	3.7	73

158	Vestibular nucleus projections to the parabrachial nucleus in rabbits: implications for vestibular influences on the autonomic nervous system. <i>Experimental Brain Research</i> , <b>1996</b> , 108, 367-81	2.3	72
157	Efficacy of N-acetyl cysteine in traumatic brain injury. <i>PLoS ONE</i> , <b>2014</b> , 9, e90617	3.7	70
156	Demonstration of zonal projections from the cerebellar flocculus to vestibular nuclei in monkeys (Macaca fuscata). <i>Neuroscience Letters</i> , <b>1981</b> , 27, 101-5	3.3	67
155	Organization of the coeruleo-vestibular pathway in rats, rabbits, and monkeys. <i>Brain Research Reviews</i> , <b>1999</b> , 30, 189-217		63
154	Vestibular autonomic regulation (including motion sickness and the mechanism of vomiting). <i>Current Opinion in Neurology</i> , <b>1999</b> , 12, 29-33	7.1	63
153	Gangliosides and ceramides change in a mouse model of blast induced traumatic brain injury. <i>ACS Chemical Neuroscience</i> , <b>2013</b> , 4, 594-600	5.7	62
152	Mass spectrometry imaging of rat brain lipid profile changes over time following traumatic brain injury. <i>Journal of Neuroscience Methods</i> , <b>2016</b> , 272, 19-32	3	60
151	Type 1 vanilloid receptor expression by mammalian inner ear ganglion cells. <i>Hearing Research</i> , <b>2003</b> , 175, 165-70	3.9	56
150	Lipid imaging within the normal rat kidney using silver nanoparticles by matrix-assisted laser desorption/ionization mass spectrometry. <i>Kidney International</i> , <b>2015</b> , 88, 186-92	9.9	55
149	Changes in transient receptor potential cation channel superfamily V (TRPV) mRNA expression in the mouse inner ear ganglia after kanamycin challenge. <i>Hearing Research</i> , <b>2005</b> , 201, 132-44	3.9	55
148	Vestibular inputs to the lateral tegmental field of the cat: potential role in autonomic control. <i>Brain Research</i> , <b>1995</b> , 689, 197-206	3.7	54
147	Rizatriptan reduces vestibular-induced motion sickness in migraineurs. <i>Journal of Headache and Pain</i> , <b>2011</b> , 12, 81-8	8.8	53
146	Motion sickness in migraine sufferers. <i>Expert Opinion on Pharmacotherapy</i> , <b>2005</b> , 6, 2691-7	4	49
145	Transient changes in flocculonodular lobe protein kinase C expression during vestibular compensation. <i>Journal of Neuroscience</i> , <b>1997</b> , 17, 4367-81	6.6	48
144	Immunohistochemical demonstration of regionally selective projections from locus coeruleus to the vestibular nuclei in rats. <i>Experimental Brain Research</i> , <b>1993</b> , 92, 351-9	2.3	47
143	Migraine, vertigo and migrainous vertigo: Links between vestibular and pain mechanisms. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , <b>2011</b> , 21, 315-21	2.5	45
142	Oculomotor, Vestibular, and Reaction Time Tests in Mild Traumatic Brain Injury. <i>PLoS ONE</i> , <b>2016</b> , 11, e0162168	3.7	44
141	Wireless hydrogen sensor network using AlGaIn/GaN high electron mobility transistor differential diode sensors. <i>Sensors and Actuators B: Chemical</i> , <b>2008</b> , 135, 188-194	8.5	43

140	Top-down approach to vestibular compensation: translational lessons from vestibular rehabilitation. <i>Brain Research</i> , <b>2012</b> , 1482, 101-11	3.7	42
139	Functional representation of eye movements in the flocculus of monkeys ( <i>Macaca fuscata</i> ). <i>Neuroscience Letters</i> , <b>1984</b> , 49, 199-205	3.3	41
138	Functional anatomy of levator veli palatini muscle and tensor veli palatini muscle in association with eustachian tube cartilage. <i>Annals of Otology, Rhinology and Laryngology</i> , <b>2002</b> , 111, 530-6	2.1	40
137	Visuo-vestibular contributions to anxiety and fear. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2015</b> , 48, 148-59	9	39
136	Vestibular migraine. <i>Annals of the New York Academy of Sciences</i> , <b>2015</b> , 1343, 90-6	6.5	38
135	Length of the eustachian tube and its postnatal development: computer-aided three-dimensional reconstruction and measurement study. <i>Annals of Otology, Rhinology and Laryngology</i> , <b>2000</b> , 109, 542-8	2.1	38
134	Barrel rotation evoked by intracerebroventricular vasopressin injections in conscious rats. I. Description and general pharmacology. <i>Brain Research</i> , <b>1986</b> , 365, 21-9	3.7	38
133	Migrainous vertigo: development of a pathogenetic model and structured diagnostic interview. <i>Current Opinion in Neurology</i> , <b>2003</b> , 16, 5-13	7.1	37
132	Neuroanatomic Substrates for Vestibulo-Autonomic Interactions. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , <b>1998</b> , 8, 7-16	2.5	36
131	Evidence of a collateralized climbing fiber projection from the inferior olive to the flocculus and vestibular nuclei in rabbits. <i>Neuroscience Letters</i> , <b>1981</b> , 22, 23-9	3.3	36
130	The human pre-saccadic spike potential: influences of a visual target, saccade direction, electrode laterality and instructions to perform saccades. <i>Brain Research</i> , <b>1985</b> , 347, 49-57	3.7	34
129	Regulation of mitochondrial uncoupling proteins in mouse inner ear ganglion cells in response to systemic kanamycin challenge. <i>Neuroscience</i> , <b>2005</b> , 135, 639-53	3.9	33
128	Responses of primate caudal parabrachial nucleus and Klliker-fuse nucleus neurons to whole body rotation. <i>Journal of Neurophysiology</i> , <b>2002</b> , 88, 3175-93	3.2	33
127	Gentamicin uptake in the chinchilla inner ear. <i>Hearing Research</i> , <b>2007</b> , 230, 43-52	3.9	32
126	Use of the round window microcatheter in the treatment of Meniere's disease. <i>Laryngoscope</i> , <b>2001</b> , 111, 2046-9	3.6	32
125	Laser Desorption/Ionization Mass Spectrometric Imaging of Endogenous Lipids from Rat Brain Tissue Implanted with Silver Nanoparticles. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2017</b> , 28, 1716-1728	3.5	30
124	Identification of neural networks that contribute to motion sickness through principal components analysis of fos labeling induced by galvanic vestibular stimulation. <i>PLoS ONE</i> , <b>2014</b> , 9, e86730	3.7	30
123	Longitudinal Cognitive and Neurobehavioral Functional Outcomes Before and After Repairing Otic Capsule Dehiscence. <i>Otology and Neurotology</i> , <b>2016</b> , 37, 70-82	2.6	30

122	Colocalization of 5-HT1F receptor and calcitonin gene-related peptide in rat vestibular nuclei. <i>Neuroscience Letters</i> , <b>2009</b> , 465, 151-6	3.3	29
121	Distribution of 5-HT1B and 5-HT1D receptors in the inner ear. <i>Brain Research</i> , <b>2010</b> , 1346, 92-101	3.7	29
120	Postnatal development of eustachian tube cartilage. A study of normal and cleft palate cases. <i>International Journal of Pediatric Otorhinolaryngology</i> , <b>2000</b> , 52, 31-6	1.7	29
119	Adaptation to capsaicin within and across days. <i>Physiology and Behavior</i> , <b>1997</b> , 61, 181-90	3.5	28
118	Morphologic changes in the inner ear of Chinchilla laniger after middle ear administration of gentamicin in a sustained-release vehicle. <i>Otolaryngology - Head and Neck Surgery</i> , <b>1999</b> , 120, 643-8	5.5	28
117	The use of oculomotor, vestibular, and reaction time tests to assess mild traumatic brain injury (mTBI) over time. <i>Laryngoscope Investigative Otolaryngology</i> , <b>2017</b> , 2, 157-165	2.8	27
116	Zonal organization of flocculo-vestibular connections in rats. <i>Neuroscience</i> , <b>2000</b> , 99, 669-82	3.9	27
115	Developmental expression of calmodulin-dependent cyclic nucleotide phosphodiesterase in rat brain. <i>Developmental Brain Research</i> , <b>1990</b> , 53, 253-63		27
114	Structure of anterior dorsal ventricular ridge in a turtle ( <i>Pseudemys scripta elegans</i> ). <i>Journal of Morphology</i> , <b>1978</b> , 158, 291-322	1.6	27
113	What is nausea? A historical analysis of changing views. <i>Autonomic Neuroscience: Basic and Clinical</i> , <b>2017</b> , 202, 5-17	2.4	26
112	Chronic ethanol consumption profoundly alters regional brain ceramide and sphingomyelin content in rodents. <i>ACS Chemical Neuroscience</i> , <b>2015</b> , 6, 247-59	5.7	26
111	Cisplatin induces cytoplasmic to nuclear translocation of nucleotide excision repair factors among spiral ganglion neurons. <i>Hearing Research</i> , <b>2008</b> , 239, 79-91	3.9	26
110	Motor disturbances and neurotoxicity induced by centrally administered somatostatin and vasopressin in conscious rats: interactive effects of two neuropeptides. <i>Brain Research</i> , <b>1988</b> , 445, 117-29	3.7	26
109	Mass Spectrometric Imaging of Ceramide Biomarkers Tracks Therapeutic Response in Traumatic Brain Injury. <i>ACS Chemical Neuroscience</i> , <b>2017</b> , 8, 2266-2274	5.7	24
108	A role of climbing fibers in regulation of flocculonodular lobe protein kinase C expression during vestibular compensation. <i>Brain Research</i> , <b>1998</b> , 804, 253-65	3.7	24
107	Regional distribution of manganese superoxide dismutase 2 (Mn SOD2) expression in rodent and primate spiral ganglion cells. <i>Hearing Research</i> , <b>2009</b> , 253, 116-24	3.9	23
106	Use of avidin-biotin subtractive hybridization to characterize mRNA common to neurons destroyed by the selective neurotoxicant trimethyltin. <i>Molecular Brain Research</i> , <b>1990</b> , 7, 287-97		23
105	Connections Between the Vestibular Nuclei and Brain Stem Regions That Mediate Autonomic Function in the Rat. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , <b>1997</b> , 7, 63-76	2.5	22

104	Organization of thalamic afferents to anterior dorsal ventricular ridge in turtles. II. Properties of the rotundo-dorsal map. <i>Journal of Comparative Neurology</i> , <b>1981</b> , 200, 131-50	3.4	22
103	Third Window Syndrome: Surgical Management of Cochlea-Facial Nerve Dehiscence. <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 1281	4.1	22
102	Parabrachial nucleus neuronal responses to off-vertical axis rotation in macaques. <i>Experimental Brain Research</i> , <b>2010</b> , 202, 271-90	2.3	21
101	Localization of the mitochondrial uncoupling protein family in the rat inner ear. <i>Hearing Research</i> , <b>2004</b> , 196, 39-48	3.9	21
100	Computational study of human head response to primary blast waves of five levels from three directions. <i>PLoS ONE</i> , <b>2014</b> , 9, e113264	3.7	21
99	Functional anatomy of the tensor veli palatini muscle and Ostmann's fatty tissue. <i>Annals of Otology, Rhinology and Laryngology</i> , <b>2002</b> , 111, 1045-9	2.1	20
98	Blunt and blast head trauma: different entities. <i>International Tinnitus Journal</i> , <b>2009</b> , 15, 115-8	1.6	20
97	Selective anterograde tracing of nonserotonergic projections from dorsal raphe nucleus to the basal forebrain and extended amygdala. <i>Journal of Chemical Neuroanatomy</i> , <b>2008</b> , 35, 317-25	3.2	18
96	Adaptation to capsaicin burn: effects of concentration and individual differences. <i>Physiology and Behavior</i> , <b>2001</b> , 72, 205-16	3.5	18
95	Vestibular abnormalities in congenital disorders. <i>Annals of the New York Academy of Sciences</i> , <b>2001</b> , 942, 15-24	6.5	17
94	Postural Control as a Probe for Cognitive State: Exploiting Human Information Processing to Enhance Performance. <i>International Journal of Human-Computer Interaction</i> , <b>2004</b> , 17, 275-286	3.6	17
93	Histopathological changes of the eustachian tube cartilage and the tensor veli palatini muscle with aging. <i>Laryngoscope</i> , <b>1999</b> , 109, 1679-83	3.6	17
92	Barrel rotation evoked by intracerebroventricular vasopressin injections in conscious rats. II. Visual/vestibular interactions and efficacy of antiseizure drugs. <i>Brain Research</i> , <b>1986</b> , 365, 30-41	3.7	17
91	Vestibular nucleus projections to the Edinger-Westphal and anteromedian nuclei of rabbits. <i>Brain Research</i> , <b>2003</b> , 963, 121-31	3.7	16
90	Protein kinase C inhibition blocks the early appearance of vestibular compensation. <i>Brain Research</i> , <b>1999</b> , 845, 97-101	3.7	16
89	Evidence for a noradrenergic projection to the subcommissural organ. <i>Neuroscience Letters</i> , <b>1994</b> , 180, 209-13	3.3	16
88	Directional tuning of the human presaccadic spike potential. <i>Brain Research</i> , <b>1991</b> , 543, 243-50	3.7	16
87	Neurotransmitters in the vestibular system. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , <b>2016</b> , 137, 41-55	3	15

86	Mucosa-associated lymphoid tissue in middle ear and eustachian tube. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , <b>2001</b> , 110, 243-7	2.1	15
85	Central effects of aldosterone infused into the rat subcommissural organ region. <i>Neuroscience Research</i> , <b>1984</b> , 1, 341-51	2.9	15
84	Neurosensory Symptom Complexes after Acute Mild Traumatic Brain Injury. <i>PLoS ONE</i> , <b>2016</b> , 11, e0146039	3.9	15
83	Acute findings in an acquired neurosensory dysfunction. <i>Laryngoscope Investigative Otolaryngology</i> , <b>2019</b> , 4, 124-131	2.8	15
82	Inner Ear Therapeutics: An Overview of Middle Ear Delivery. <i>Frontiers in Cellular Neuroscience</i> , <b>2019</b> , 13, 261	6.1	14
81	Immunohistochemistry of lymphocytes and macrophages in human celloidin-embedded temporal bone sections with acute otitis media. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , <b>1997</b> , 106, 662-8	2.1	14
80	Effects of angiotensin, vasopressin and atrial natriuretic peptide on intraocular pressure in anesthetized rats. <i>Neuropeptides</i> , <b>1995</b> , 29, 193-203	3.3	14
79	NMDA-mediated metabolic activation of the cerebellar cortex in behaving rats by the neuropeptide endothelin-1. <i>Brain Research</i> , <b>1994</b> , 647, 345-52	3.7	14
78	Early Diagnosis and Treatment of Traumatic Vestibulopathy and Postconcussive Dizziness. <i>Neurologic Clinics</i> , <b>2015</b> , 33, 661-8, x	4.5	13
77	A "beat-to-beat" interval generator for optokinetic nystagmus. <i>Biological Cybernetics</i> , <b>1992</b> , 66, 203-16	2.8	13
76	Postnatal development of static volume of the eustachian tube lumen. A computer-aided three-dimensional reconstruction and measurement study. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , <b>2002</b> , 111, 832-5	2.1	12
75	Towards a Mechanistic-Driven Precision Medicine Approach for Tinnitus. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , <b>2019</b> , 20, 115-131	3.3	11
74	Estimated locations of the narrowest portion of the eustachian tube lumen during closed and open states. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , <b>2002</b> , 111, 255-60	2.1	11
73	N-(2-chloroethyl)-N-ethyl-2-bromobenzylamine (DSP-4) has differential efficacy for causing central noradrenergic lesions in two different rat strains: comparison between Long-Evans and Sprague-Dawley rats. <i>Journal of Neuroscience Methods</i> , <b>1995</b> , 58, 95-101	3	11
72	Military Blast Exposure and Chronic Neurodegeneration: Summary of Working Groups and Expert Panel Findings and Recommendations. <i>Journal of Neurotrauma</i> , <b>2017</b> , 34, S-18-S-25	5.4	10
71	A heuristic model of sensory adaptation. <i>Attention, Perception, and Psychophysics</i> , <b>2009</b> , 71, 1941-61	2	10
70	Difference in attachment of the tensor veli palatini muscle to the eustachian tube cartilage with age. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , <b>2003</b> , 112, 439-43	2.1	10
69	Temporal bone morphometric study on the eustachian tube and its associated structures in patients with chromosomal aberrations. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , <b>2002</b> , 111, 722-9	2.1	10



68	Cellular distribution of mucosa-associated lymphoid tissue with otitis media in children. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , <b>2000</b> , 109, 467-72	2.1	10
67	Site-dependent central effects of aldosterone in rats. <i>Brain Research</i> , <b>1987</b> , 401, 122-31	3.7	10
66	Meeting Educational Challenges in Homeland Security and Emergency Management. <i>Journal of Homeland Security and Emergency Management</i> , <b>2010</b> , 7,	1.2	9
65	Colocalization of 5-HT <sub>1F</sub> receptor and glutamate in neurons of the vestibular nuclei in rats. <i>NeuroReport</i> , <b>2009</b> , 20, 111-5	1.7	9
64	Effect of intracochlear perfusion of vanilloids on cochlear neural activity in the guinea pig. <i>Hearing Research</i> , <b>2006</b> , 218, 43-9	3.9	9
63	Inflammatory response to chronic otitis media in DiGeorge syndrome: a case study using immunohistochemistry on archival temporal bone sections. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , <b>1999</b> , 108, 756-61	2.1	9
62	Time course of burn to repeated applications of capsaicin. <i>Physiology and Behavior</i> , <b>1999</b> , 66, 109-12	3.5	9
61	A specific harmaline-evoked increase in cerebellar 5Tnucleotidase activity. <i>Neuroscience Letters</i> , <b>1984</b> , 50, 111-6	3.3	9
60	Three distinct categories of time course of pain produced by oral capsaicin. <i>Journal of Pain</i> , <b>2005</b> , 6, 315-32	3.2	8
59	Effect of trans-bullar gentamicin treatment on guinea pig angular and linear vestibulo-ocular reflexes. <i>Experimental Brain Research</i> , <b>2003</b> , 152, 293-306	2.3	8
58	Sustained-release devices in inner ear medical therapy. <i>Otolaryngologic Clinics of North America</i> , <b>2004</b> , 37, 1053-60	2	8
57	Diazepam attenuation of somatostatin-induced motor disturbances and neurotoxicity. <i>Brain Research</i> , <b>1988</b> , 458, 91-6	3.7	8
56	Vestibular Neuroscience for the Headache Specialist. <i>Headache</i> , <b>2019</b> , 59, 1109-1127	4.2	7
55	Posttraumatic dizziness and vertigo. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , <b>2016</b> , 137, 295-300	3	7
54	Immunohistochemical and biomolecular identification of 5-HT <sub>1</sub> receptor in rat vestibular nuclei. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , <b>2010</b> , 20, 401-6	2.5	7
53	Postnatal development of the eustachian tube glands. <i>Laryngoscope</i> , <b>2002</b> , 112, 1647-52	3.6	7
52	Cellular proliferation of mucosa-associated lymphoid tissue with otitis media: a preliminary study. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , <b>2002</b> , 111, 926-32	2.1	7
51	Distribution of 5-HT Receptors in Monkey Vestibular and Trigeminal Ganglion Cells. <i>Frontiers in Neurology</i> , <b>2016</b> , 7, 173	4.1	7



50	The Use of Selective Silver Degeneration Stains in Neurotoxicology <b>1992</b> , 223-238		7
49	Immunohistochemical and biomolecular identification of melatonin 1a and 1b receptors in rat vestibular nuclei. <i>Auris Nasus Larynx</i> , <b>2012</b> , 39, 479-83	2.2	6
48	Mechanisms for vasopressin effects on intraocular pressure in anesthetized rats. <i>Experimental Eye Research</i> , <b>1997</b> , 65, 517-31	3.7	6
47	Tonic, phasic, and integrator components of psychophysical responses to topical capsaicin account for differences of location and sex. <i>Journal of Pain</i> , <b>2005</b> , 6, 777-81	5.2	6
46	Tonic and phasic processes in the acute effects of alcohol. <i>Experimental and Clinical Psychopharmacology</i> , <b>2006</b> , 14, 209-18	3.2	6
45	Role of gene regulation during vestibular compensation: an integrative approach. <i>Annals of the New York Academy of Sciences</i> , <b>2001</b> , 942, 52-64	6.5	6
44	Inferior olivary lesions after local injections of 3-acetylpyridine in rabbits. <i>Neuroscience Research</i> , <b>1984</b> , 1, 199-205	2.9	6
43	Localization of methadone in the brain of young rats by computer-assisted autoradiography. <i>Neuroscience Research</i> , <b>1985</b> , 3, 1-19	2.9	6
42	Patterns of Pupillary Activity During Binocular Disparity Resolution. <i>Frontiers in Neurology</i> , <b>2018</b> , 9, 990	4.1	6
41	Interaction between head-down tilt and anterior chamber infusions on intraocular pressure of anesthetized rats. <i>Experimental Eye Research</i> , <b>1996</b> , 62, 621-6	3.7	5
40	Ethanol Induced Brain Lipid Changes in Mice Assessed by Mass Spectrometry. <i>ACS Chemical Neuroscience</i> , <b>2016</b> , 7, 1148-56	5.7	4
39	Intracranial venous injury, thrombosis and repair as hallmarks of mild blast traumatic brain injury in rats: Lessons from histological and immunohistochemical studies of decalcified sectioned heads and correlative microarray analysis. <i>Journal of Neuroscience Methods</i> , <b>2016</b> , 272, 56-68	3	4
38	Temporal interactions between oral irritants: piperine, zingerone, and capsaicin. <i>Chemical Senses</i> , <b>2007</b> , 32, 455-62	4.8	4
37	Toxic effects of somatostatin in the cerebellum and vestibular nuclei: multiple sites of action. <i>Neuroscience Research</i> , <b>1991</b> , 12, 140-50	2.9	4
36	Cortical Evoked Potentials Preceding Voluntary Saccadic Eye Movements. <i>Neuro-Ophthalmology</i> , <b>1984</b> , 4, 169-176	0.9	4
35	Human spike potentials prior to saccades and optokinetic nystagmus fast phases: effects of instructions, eye movement direction and electrode laterality. <i>Brain Research</i> , <b>1986</b> , 384, 94-100	3.7	4
34	Clinical trials in mild traumatic brain injury. <i>Journal of Neuroscience Methods</i> , <b>2016</b> , 272, 77-81	3	4
33	A hybrid cognitive-neurophysiological approach to resilient cyber security <b>2010</b> ,		3

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