

Carey D Balaban

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Portable eye-tracking as a reliable assessment of oculomotor, cognitive and reaction time function: Normative data for 18-45 year old. <i>PLoS ONE</i> , 2021 , 16, e0260351	3.7	2
174	Integration of vestibular and hindlimb inputs by vestibular nucleus neurons: multisensory influences on postural control. <i>Journal of Neurophysiology</i> , 2021 , 125, 1095-1110	3.2	3
173	Normative data for ages 18-45 for ocular motor and vestibular testing using eye tracking. <i>Laryngoscope Investigative Otolaryngology</i> , 2021 , 6, 1116-1127	2.8	3
172	Mild blast wave exposure produces intensity-dependent changes in MMP2 expression patches in rat brains - Findings from different blast severities. <i>Brain Research</i> , 2021 , 1767, 147541	3.7	1
171	Peripheral vestibular system: Age-related vestibular loss and associated deficits. <i>Journal of Otology</i> , 2021 , 16, 258-265	1.9	0
170	Distinctive Convergence Eye Movements in an Acquired Neurosensory Dysfunction. <i>Frontiers in Neurology</i> , 2020 , 11, 469	4.1	
169	What Is Mild Traumatic Brain Injury? Translational Definitions to Guide Translational Research 2019 , 3-9		
168	The Application of Story Structural Concepts and Elements to Clarify Interpretation of Reported mild TBI Symptoms 2019 , 83-98		
167	Emerging Technologies for Diagnosing Mild Traumatic Brain Injury 2019 , 381-392		
166	Inner Ear Therapeutics: An Overview of Middle Ear Delivery. <i>Frontiers in Cellular Neuroscience</i> , 2019 , 13, 261	6.1	14
165	Vestibular Neuroscience for the Headache Specialist. <i>Headache</i> , 2019 , 59, 1109-1127	4.2	7
164	Towards a Mechanistic-Driven Precision Medicine Approach for Tinnitus. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2019 , 20, 115-131	3.3	11
163	Third Window Syndrome: Surgical Management of Cochlea-Facial Nerve Dehiscence. <i>Frontiers in Neurology</i> , 2019 , 10, 1281	4.1	22
162	Acute findings in an acquired neurosensory dysfunction. <i>Laryngoscope Investigative Otolaryngology</i> , 2019 , 4, 124-131	2.8	15
161	Patterns of Pupillary Activity During Binocular Disparity Resolution. <i>Frontiers in Neurology</i> , 2018 , 9, 990	4.1	6
160	Beat-to-beat control of human optokinetic nystagmus slow phase durations. <i>Journal of Neurophysiology</i> , 2017 , 117, 204-214	3.2	1
159	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> , 2017 , 28, 1716-1728	3.5	30

158	Military Blast Exposure and Chronic Neurodegeneration: Summary of Working Groups and Expert Panel Findings and Recommendations. <i>Journal of Neurotrauma</i> , 2017 , 34, S-18-S-25	5.4	10
157	Mass Spectrometric Imaging of Ceramide Biomarkers Tracks Therapeutic Response in Traumatic Brain Injury. <i>ACS Chemical Neuroscience</i> , 2017 , 8, 2266-2274	5.7	24
156	The use of oculomotor, vestibular, and reaction time tests to assess mild traumatic brain injury (mTBI) over time. <i>Laryngoscope Investigative Otolaryngology</i> , 2017 , 2, 157-165	2.8	27
155	What is nausea? A historical analysis of changing views. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2017 , 202, 5-17	2.4	26
154	Operationalizing Basic Research and Scholarship by the Office of Naval Research: A System-of-Systems Approach for the Military Acquisition and Application of Knowledge. <i>Boundary 2</i> , 2017 , 44, 3-13	0.2	
153	Neurotransmitters in the vestibular system. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2016 , 137, 41-55	3	15
152	Posttraumatic dizziness and vertigo. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2016 , 137, 295-300	3	7
151	Ethanol Induced Brain Lipid Changes in Mice Assessed by Mass Spectrometry. <i>ACS Chemical Neuroscience</i> , 2016 , 7, 1148-56	5.7	4
150	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> , 2016 , 272, 56-68	3	4
149	Mass spectrometry imaging of rat brain lipid profile changes over time following traumatic brain injury. <i>Journal of Neuroscience Methods</i> , 2016 , 272, 19-32	3	60
148	Neurosensory Symptom Complexes after Acute Mild Traumatic Brain Injury. <i>PLoS ONE</i> , 2016 , 11, e0146039	3.9	15
147	Oculomotor, Vestibular, and Reaction Time Tests in Mild Traumatic Brain Injury. <i>PLoS ONE</i> , 2016 , 11, e0162168	3.7	44
146	Distribution of 5-HT Receptors in Monkey Vestibular and Trigeminal Ganglion Cells. <i>Frontiers in Neurology</i> , 2016 , 7, 173	4.1	7
145	Clinical trials in mild traumatic brain injury. <i>Journal of Neuroscience Methods</i> , 2016 , 272, 77-81	3	4
144	Longitudinal Cognitive and Neurobehavioral Functional Outcomes Before and After Repairing Otic Capsule Dehiscence. <i>Otology and Neurotology</i> , 2016 , 37, 70-82	2.6	30
143	Lipid imaging within the normal rat kidney using silver nanoparticles by matrix-assisted laser desorption/ionization mass spectrometry. <i>Kidney International</i> , 2015 , 88, 186-92	9.9	55
142	Early Diagnosis and Treatment of Traumatic Vestibulopathy and Postconcussive Dizziness. <i>Neurologic Clinics</i> , 2015 , 33, 661-8, x	4.5	13
141	Historical Perspective of Vestibular Migraine 2015 , 23-29		

140	Vestibular migraine. <i>Annals of the New York Academy of Sciences</i> , 2015 , 1343, 90-6	6.5	38
139	Visuo-vestibular contributions to anxiety and fear. <i>Neuroscience and Biobehavioral Reviews</i> , 2015 , 48, 148-59	9	39
138	Chronic ethanol consumption profoundly alters regional brain ceramide and sphingomyelin content in rodents. <i>ACS Chemical Neuroscience</i> , 2015 , 6, 247-59	5.7	26
137	Imaging of lipids in rat heart by MALDI-MS with silver nanoparticles. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 1377-86	4.4	75
136	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> , 2014 , 9, e86730	3.7	30
135	Efficacy of N-acetyl cysteine in traumatic brain injury. <i>PLoS ONE</i> , 2014 , 9, e90617	3.7	70
134	Computational study of human head response to primary blast waves of five levels from three directions. <i>PLoS ONE</i> , 2014 , 9, e113264	3.7	21
133	Gangliosides and ceramides change in a mouse model of blast induced traumatic brain injury. <i>ACS Chemical Neuroscience</i> , 2013 , 4, 594-600	5.7	62
132	Vestibular migraine: clinical aspects and pathophysiology. <i>Lancet Neurology</i> , 2013 , 12, 706-15	24.1	152
131	Threat assessment and locomotion: clinical applications of an integrated model of anxiety and postural control. <i>Seminars in Neurology</i> , 2013 , 33, 297-306	3.2	86
130	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> , 2013 , 8, e54163	3.7	134
129	Neurosensory Sequelae of Mild Traumatic Brain Injury. <i>Psychiatric Annals</i> , 2013 , 43, 318-323	0.5	2
128	Immunohistochemical and biomolecular identification of melatonin 1a and 1b receptors in rat vestibular nuclei. <i>Auris Nasus Larynx</i> , 2012 , 39, 479-83	2.2	6
127	Top-down approach to vestibular compensation: translational lessons from vestibular rehabilitation. <i>Brain Research</i> , 2012 , 1482, 101-11	3.7	42
126	Biomechanical Assessment of the Bridging Vein Rupture of Blast-Induced Traumatic Brain Injury Using the Finite Element Human Head Model 2012 ,		1
125	A hybrid modelling framework to simulate disaster response decisions. <i>International Journal of Advanced Intelligence Paradigms</i> , 2012 , 4, 83	0.5	
124	Migraine, vertigo and migrainous vertigo: Links between vestibular and pain mechanisms. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2011 , 21, 315-21	2.5	45
123	A mouse model of blast-induced mild traumatic brain injury. <i>Experimental Neurology</i> , 2011 , 232, 280-9	5.7	141

122	Rizatriptan reduces vestibular-induced motion sickness in migraineurs. <i>Journal of Headache and Pain</i> , 2011 , 12, 81-8	8.8	53
121	Pain sensitivity and vasopressin analgesia are mediated by a gene-sex-environment interaction. <i>Nature Neuroscience</i> , 2011 , 14, 1569-73	25.5	93
120	Neurologic bases for comorbidity of balance disorders, anxiety disorders and migraine: neurotherapeutic implications. <i>Expert Review of Neurotherapeutics</i> , 2011 , 11, 379-94	4.3	144
119	Traumatic Brain Injury and Blast Exposures: Auditory and Vestibular Pathology 2011 , 517-520		2
118	Immunohistochemical and biomolecular identification of 5-HT _{1F} receptor in rat vestibular nuclei. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2010 , 20, 401-6	2.5	7
117	Meeting Educational Challenges in Homeland Security and Emergency Management. <i>Journal of Homeland Security and Emergency Management</i> , 2010 , 7,	1.2	9
116	Blast exposure: vestibular consequences and associated characteristics. <i>Otology and Neurotology</i> , 2010 , 31, 232-6	2.6	101
115	A hybrid cognitive-neurophysiological approach to resilient cyber security 2010 ,		3
114	Parabrachial nucleus neuronal responses to off-vertical axis rotation in macaques. <i>Experimental Brain Research</i> , 2010 , 202, 271-90	2.3	21
113	Distribution of 5-HT _{1B} and 5-HT _{1D} receptors in the inner ear. <i>Brain Research</i> , 2010 , 1346, 92-101	3.7	29
112	Wireless Hydrogen Sensor Networks Using AlGa _N /Ga _N High Electron Mobility Transistor Based Differential Diodes Sensor. <i>ECS Transactions</i> , 2009 , 16, 127-137	1	2
111	A heuristic model of sensory adaptation. <i>Attention, Perception, and Psychophysics</i> , 2009 , 71, 1941-61	2	10
110	Regional distribution of manganese superoxide dismutase 2 (Mn SOD2) expression in rodent and primate spiral ganglion cells. <i>Hearing Research</i> , 2009 , 253, 116-24	3.9	23
109	Colocalization of 5-HT _{1F} receptor and calcitonin gene-related peptide in rat vestibular nuclei. <i>Neuroscience Letters</i> , 2009 , 465, 151-6	3.3	29
108	Colocalization of 5-HT _{1F} receptor and glutamate in neurons of the vestibular nuclei in rats. <i>NeuroReport</i> , 2009 , 20, 111-5	1.7	9
107	Blunt and blast head trauma: different entities. <i>International Tinnitus Journal</i> , 2009 , 15, 115-8	1.6	20
106	Cisplatin induces cytoplasmic to nuclear translocation of nucleotide excision repair factors among spiral ganglion neurons. <i>Hearing Research</i> , 2008 , 239, 79-91	3.9	26
105	Selective anterograde tracing of nonserotonergic projections from dorsal raphe nucleus to the basal forebrain and extended amygdala. <i>Journal of Chemical Neuroanatomy</i> , 2008 , 35, 317-25	3.2	18

104	Toward revitalizing the role of physician-scientists in academic medicine. <i>Otolaryngology - Head and Neck Surgery</i> , 2008 , 139, 766-8	5.5	3
103	Wireless hydrogen sensor network using AlGaIn/GaN high electron mobility transistor differential diode sensors. <i>Sensors and Actuators B: Chemical</i> , 2008 , 135, 188-194	8.5	43
102	Temporal interactions between oral irritants: piperine, zingerone, and capsaicin. <i>Chemical Senses</i> , 2007 , 32, 455-62	4.8	4
101	Gentamicin uptake in the chinchilla inner ear. <i>Hearing Research</i> , 2007 , 230, 43-52	3.9	32
100	Nonverbally Smart User Interfaces: Postural and Facial Expression Data in Human Computer Interaction. <i>Lecture Notes in Computer Science</i> , 2007 , 740-749	0.9	3
99	Effect of intracochlear perfusion of vanilloids on cochlear neural activity in the guinea pig. <i>Hearing Research</i> , 2006 , 218, 43-9	3.9	9
98	Tonic and phasic processes in the acute effects of alcohol. <i>Experimental and Clinical Psychopharmacology</i> , 2006 , 14, 209-18	3.2	6
97	Motion sickness in migraine sufferers. <i>Expert Opinion on Pharmacotherapy</i> , 2005 , 6, 2691-7	4	49
96	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> , 2005 , 201, 132-44	3.9	55
95	Regulation of mitochondrial uncoupling proteins in mouse inner ear ganglion cells in response to systemic kanamycin challenge. <i>Neuroscience</i> , 2005 , 135, 639-53	3.9	33
94	Three distinct categories of time course of pain produced by oral capsaicin. <i>Journal of Pain</i> , 2005 , 6, 315-22	3.2	8
93	Tonic, phasic, and integrator components of psychophysical responses to topical capsaicin account for differences of location and sex. <i>Journal of Pain</i> , 2005 , 6, 777-81	5.2	6
92	Differential intracochlear recordings of ensemble background activity (EBA). <i>Journal of the Acoustical Society of America</i> , 2004 , 116, 2738-41	2.2	1
91	Projections from the parabrachial nucleus to the vestibular nuclei: potential substrates for autonomic and limbic influences on vestibular responses. <i>Brain Research</i> , 2004 , 996, 126-37	3.7	73
90	Postural Control as a Probe for Cognitive State: Exploiting Human Information Processing to Enhance Performance. <i>International Journal of Human-Computer Interaction</i> , 2004 , 17, 275-286	3.6	17
89	Sustained-release devices in inner ear medical therapy. <i>Otolaryngologic Clinics of North America</i> , 2004 , 37, 1053-60	2	8
88	Localization of the mitochondrial uncoupling protein family in the rat inner ear. <i>Hearing Research</i> , 2004 , 196, 39-48	3.9	21
87	Migrainous vertigo: development of a pathogenetic model and structured diagnostic interview. <i>Current Opinion in Neurology</i> , 2003 , 16, 5-13	7.1	157

86	Effect of trans-bullar gentamicin treatment on guinea pig angular and linear vestibulo-ocular reflexes. <i>Experimental Brain Research</i> , 2003 , 152, 293-306	2.3	8
85	Vestibular nucleus projections to the Edinger-Westphal and anteromedian nuclei of rabbits. <i>Brain Research</i> , 2003 , 963, 121-31	3.7	16
84	Type 1 vanilloid receptor expression by mammalian inner ear ganglion cells. <i>Hearing Research</i> , 2003 , 175, 165-70	3.9	56
83	Difference in attachment of the tensor veli palatini muscle to the eustachian tube cartilage with age. <i>Annals of Otology, Rhinology and Laryngology</i> , 2003 , 112, 439-43	2.1	10
82	Migrainous vertigo: development of a pathogenetic model and structured diagnostic interview. <i>Current Opinion in Neurology</i> , 2003 , 16, 5-13	7.1	37
81	Responses of primate caudal parabrachial nucleus and Klliker-fuse nucleus neurons to whole body rotation. <i>Journal of Neurophysiology</i> , 2002 , 88, 3175-93	3.2	33
80	Postnatal development of the eustachian tube glands. <i>Laryngoscope</i> , 2002 , 112, 1647-52	3.6	7
79	Temporal bone morphometric study on the eustachian tube and its associated structures in patients with chromosomal aberrations. <i>Annals of Otology, Rhinology and Laryngology</i> , 2002 , 111, 722-9	2.1	10
78	Postnatal development of static volume of the eustachian tube lumen. A computer-aided three-dimensional reconstruction and measurement study. <i>Annals of Otology, Rhinology and Laryngology</i> , 2002 , 111, 832-5	2.1	12
77	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> , 2002 , 111, 530-6	2.1	40
76	Cellular proliferation of mucosa-associated lymphoid tissue with otitis media: a preliminary study. <i>Annals of Otology, Rhinology and Laryngology</i> , 2002 , 111, 926-32	2.1	7
75	Functional anatomy of the tensor veli palatini muscle and Ostmann's fatty tissue. <i>Annals of Otology, Rhinology and Laryngology</i> , 2002 , 111, 1045-9	2.1	20
74	Estimated locations of the narrowest portion of the eustachian tube lumen during closed and open states. <i>Annals of Otology, Rhinology and Laryngology</i> , 2002 , 111, 255-60	2.1	11
73	Neural substrates linking balance control and anxiety. <i>Physiology and Behavior</i> , 2002 , 77, 469-75	3.5	181
72	Hypoplasia of spiral and Scarpa's ganglion cells in GABA(A) receptor beta(3) subunit knockout mice. <i>Hearing Research</i> , 2002 , 167, 71-80	3.9	3
71	The early kinetics of gentamicin uptake into the inner ear. <i>International Tinnitus Journal</i> , 2002 , 8, 27-9	1.6	1
70	Vestibular abnormalities in congenital disorders. <i>Annals of the New York Academy of Sciences</i> , 2001 , 942, 15-24	6.5	17
69	Role of gene regulation during vestibular compensation: an integrative approach. <i>Annals of the New York Academy of Sciences</i> , 2001 , 942, 52-64	6.5	6

68	Use of the round window microcatheter in the treatment of Meniere's disease. <i>Laryngoscope</i> , 2001 , 111, 2046-9	3.6	32
67	Mucosa-associated lymphoid tissue in middle ear and eustachian tube. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2001 , 110, 243-7	2.1	15
66	Background and history of the interface between anxiety and vertigo. <i>Journal of Anxiety Disorders</i> , 2001 , 15, 27-51	10.9	96
65	Neurological bases for balance-anxiety links. <i>Journal of Anxiety Disorders</i> , 2001 , 15, 53-79	10.9	280
64	Adaptation to capsaicin burn: effects of concentration and individual differences. <i>Physiology and Behavior</i> , 2001 , 72, 205-16	3.5	18
63	Length of the eustachian tube and its postnatal development: computer-aided three-dimensional reconstruction and measurement study. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2000 , 109, 542-8	2.1	38
62	Cellular distribution of mucosa-associated lymphoid tissue with otitis media in children. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2000 , 109, 467-72	2.1	10
61	Zonal organization of flocculo-vestibular connections in rats. <i>Neuroscience</i> , 2000 , 99, 669-82	3.9	27
60	Postnatal development of eustachian tube cartilage. A study of normal and cleft palate cases. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2000 , 52, 31-6	1.7	29
59	Aqueous humor dynamics in anesthetized rats infused with intracameral apraclonidine. <i>Pharmacology</i> , 1999 , 58, 220-6	2.3	2
58	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> , 1999 , 108, 756-61	2.1	9
57	Effects of Ethacrynic Acid on Intraocular Pressure of Anesthetized Rats. <i>Experimental Biology and Medicine</i> , 1999 , 220, 184-188	3.7	1
56	Distribution of psammoma bodies in the internal auditory canal and its extended areas in the human temporal bone. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 1999 , 108, 963-8	2.1	2
55	Histopathological changes of the eustachian tube cartilage and the tensor veli palatini muscle with aging. <i>Laryngoscope</i> , 1999 , 109, 1679-83	3.6	17
54	Protein kinase C inhibition blocks the early appearance of vestibular compensation. <i>Brain Research</i> , 1999 , 845, 97-101	3.7	16
53	Effects of ethacrynic acid on intraocular pressure of anesthetized rats. <i>Proceedings of the Society for Experimental Biology and Medicine</i> , 1999 , 220, 184-8		1
52	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> , 1999 , 120, 643-8	5.5	28
51	Organization of the coeruleo-vestibular pathway in rats, rabbits, and monkeys. <i>Brain Research Reviews</i> , 1999 , 30, 189-217		63

50	Time course of burn to repeated applications of capsaicin. <i>Physiology and Behavior</i> , 1999 , 66, 109-12	3.5	9
49	Vestibular autonomic regulation (including motion sickness and the mechanism of vomiting). <i>Current Opinion in Neurology</i> , 1999 , 12, 29-33	7.1	63
48	A role of climbing fibers in regulation of flocculonodular lobe protein kinase C expression during vestibular compensation. <i>Brain Research</i> , 1998 , 804, 253-65	3.7	24
47	Neuroanatomic Substrates for Vestibulo-Autonomic Interactions. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 1998 , 8, 7-16	2.5	36
46	Migraine-related vestibulopathy. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 1997 , 106, 182-9	2.1	179
45	Immunohistochemistry of lymphocytes and macrophages in human celloidin-embedded temporal bone sections with acute otitis media. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 1997 , 106, 662-8	2.1	14
44	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> , 1997 , 7, 63-76	2.5	22
43	Mechanisms for vasopressin effects on intraocular pressure in anesthetized rats. <i>Experimental Eye Research</i> , 1997 , 65, 517-31	3.7	6
42	Adaptation to capsaicin within and across days. <i>Physiology and Behavior</i> , 1997 , 61, 181-90	3.5	28
41	Transient changes in flocculonodular lobe protein kinase C expression during vestibular compensation. <i>Journal of Neuroscience</i> , 1997 , 17, 4367-81	6.6	48
40	Interaction between head-down tilt and anterior chamber infusions on intraocular pressure of anesthetized rats. <i>Experimental Eye Research</i> , 1996 , 62, 621-6	3.7	5
39	Comparison of anterior chamber infusates on the intraocular pressure of intact rat eyes. <i>General Pharmacology</i> , 1996 , 27, 1073-6		
38	Vestibular nucleus projections to the parabrachial nucleus in rabbits: implications for vestibular influences on the autonomic nervous system. <i>Experimental Brain Research</i> , 1996 , 108, 367-81	2.3	72
37	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> , 1995 , 58, 95-101	3	11
36	Effects of angiotensin, vasopressin and atrial natriuretic peptide on intraocular pressure in anesthetized rats. <i>Neuropeptides</i> , 1995 , 29, 193-203	3.3	14
35	Vestibular inputs to the lateral tegmental field of the cat: potential role in autonomic control. <i>Brain Research</i> , 1995 , 689, 197-206	3.7	54
34	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> , 1994 , 98, 200-12	2.3	103
33	NMDA-mediated metabolic activation of the cerebellar cortex in behaving rats by the neuropeptide endothelin-1. <i>Brain Research</i> , 1994 , 647, 345-52	3.7	14

32	Evidence for a noradrenergic projection to the subcommissural organ. <i>Neuroscience Letters</i> , 1994 , 180, 209-13	3.3	16
31	Immunohistochemical demonstration of regionally selective projections from locus coeruleus to the vestibular nuclei in rats. <i>Experimental Brain Research</i> , 1993 , 92, 351-9	2.3	47
30	Cytotoxic effects of somatostatin in the cerebellum. <i>Annals of the New York Academy of Sciences</i> , 1992 , 656, 802-10	6.5	3
29	A "beat-to-beat" interval generator for optokinetic nystagmus. <i>Biological Cybernetics</i> , 1992 , 66, 203-16	2.8	13
28	The Use of Selective Silver Degeneration Stains in Neurotoxicology 1992 , 223-238		7
27	Toxic effects of somatostatin in the cerebellum and vestibular nuclei: multiple sites of action. <i>Neuroscience Research</i> , 1991 , 12, 140-50	2.9	4
26	Directional tuning of the human presaccadic spike potential. <i>Brain Research</i> , 1991 , 543, 243-50	3.7	16
25	Use of avidin-biotin subtractive hybridization to characterize mRNA common to neurons destroyed by the selective neurotoxicant trimethyltin. <i>Molecular Brain Research</i> , 1990 , 7, 287-97		23
24	Developmental expression of calmodulin-dependent cyclic nucleotide phosphodiesterase in rat brain. <i>Developmental Brain Research</i> , 1990 , 53, 253-63		27
23	Diazepam attenuation of somatostatin-induced motor disturbances and neurotoxicity. <i>Brain Research</i> , 1988 , 458, 91-6	3.7	8
22	Motor disturbances and neurotoxicity induced by centrally administered somatostatin and vasopressin in conscious rats: interactive effects of two neuropeptides. <i>Brain Research</i> , 1988 , 445, 117-29	2.7	26
21	Zonal organization of olivo-nodulus projections in albino rabbits. <i>Neuroscience Research</i> , 1988 , 5, 409-23	2.9	109
20	Site-dependent central effects of aldosterone in rats. <i>Brain Research</i> , 1987 , 401, 122-31	3.7	10
19	Pharmacologic and Immunologic Approaches to the Problems of Posttraumatic Glial Proliferation Following CNS Damage 1987 , 605-628		1
18	Barrel rotation evoked by intracerebroventricular vasopressin injections in conscious rats. I. Description and general pharmacology. <i>Brain Research</i> , 1986 , 365, 21-9	3.7	38
17	Barrel rotation evoked by intracerebroventricular vasopressin injections in conscious rats. II. Visual/vestibular interactions and efficacy of antiseizure drugs. <i>Brain Research</i> , 1986 , 365, 30-41	3.7	17
16	Human spike potentials prior to saccades and optokinetic nystagmus fast phases: effects of instructions, eye movement direction and electrode laterality. <i>Brain Research</i> , 1986 , 384, 94-100	3.7	4
15	Is There a Function for Protein Carboxymethylation in the Nervous System? 1986 , 25-41		2

14	Localization of methadone in the brain of young rats by computer-assisted autoradiography. <i>Neuroscience Research</i> , 1985 , 3, 1-19	2.9	6
13	The human pre-saccadic spike potential: influences of a visual target, saccade direction, electrode laterality and instructions to perform saccades. <i>Brain Research</i> , 1985 , 347, 49-57	3.7	34
12	Cortical Evoked Potentials Preceding Voluntary Saccadic Eye Movements. <i>Neuro-Ophthalmology</i> , 1984 , 4, 169-176	0.9	4
11	Inferior olivary lesions after local injections of 3-acetylpyridine in rabbits. <i>Neuroscience Research</i> , 1984 , 1, 199-205	2.9	6
10	Functional representation of eye movements in the flocculus of monkeys (<i>Macaca fuscata</i>). <i>Neuroscience Letters</i> , 1984 , 49, 199-205	3.3	41
9	Central effects of aldosterone infused into the rat subcommissural organ region. <i>Neuroscience Research</i> , 1984 , 1, 341-51	2.9	15
8	A specific harmaline-evoked increase in cerebellar 5Tnucleotidase activity. <i>Neuroscience Letters</i> , 1984 , 50, 111-6	3.3	9
7	Distribution of beta-D-glucuronidase in the central nervous system of albino rats. <i>Neuroscience Letters</i> , 1982 , 29, 117-21	3.3	
6	Evidence of a collateralized climbing fiber projection from the inferior olive to the flocculus and vestibular nuclei in rabbits. <i>Neuroscience Letters</i> , 1981 , 22, 23-9	3.3	36
5	Demonstration of zonal projections from the cerebellar flocculus to vestibular nuclei in monkeys (<i>Macaca fuscata</i>). <i>Neuroscience Letters</i> , 1981 , 27, 101-5	3.3	67
4	Organization of thalamic afferents to anterior dorsal ventricular ridge in turtles. I. Projections of thalamic nuclei. <i>Journal of Comparative Neurology</i> , 1981 , 200, 95-129	3.4	91
3	Organization of thalamic afferents to anterior dorsal ventricular ridge in turtles. II. Properties of the rotundo-dorsal map. <i>Journal of Comparative Neurology</i> , 1981 , 200, 131-50	3.4	22
2	Structure of anterior dorsal ventricular ridge in a turtle (<i>Pseudemys scripta elegans</i>). <i>Journal of Morphology</i> , 1978 , 158, 291-322	1.6	27
1	Integration of vestibular and hindlimb inputs by vestibular nucleus neurons: Multisensory influences on postural control		1