Carey D Balaban

List of Publications by Year
in descending order

180 papers	6,376 citations	61857 43 h-index	82410 72 g-index
183 all docs	183 docs citations	183 times ranked	4647 citing authors

#	Article	IF	Citations
1	Neurological bases for balanceâ€“anxiety links. Journal of Anxiety Disorders, 2001, 15, 53-79.	1.5	337
2	Migraine-Related Vestibulopathy. Annals of Otology, Rhinology and Laryngology, 1997, 106, 182-189.	0.6	246
3	Neural substrates linking balance control and anxiety. Physiology and Behavior, 2002, 77, 469-475.	1.0	233
4	Vestibular migraine: clinical aspects and pathophysiology. Lancet Neurology, The, 2013, 12, 706-715.	4.9	196
5	Migrainous vertigo: development of a pathogenetic model and structured diagnostic interview. Current Opinion in Neurology, 2003, 16, 5-13.	1.8	185
6	Neurologic bases for comorbidity of balance disorders, anxiety disorders and migraine: neurotherapeutic implications. Expert Review of Neurotherapeutics, 2011, 11, 379-394.	1.4	177
7	A mouse model of blast-induced mild traumatic brain injury. Experimental Neurology, 2011, 232, 280-289.	2.0	167
8	Amelioration of Acute Sequelae of Blast Induced Mild Traumatic Brain Injury by N-Acetyl Cysteine: A Double-Blind, Placebo Controlled Study. PLoS ONE, 2013, 8, e54163.	1.1	167
9	Background and history of the interface between anxiety and vertigo. Journal of Anxiety Disorders, 2001, 15, 27-51.	1.5	131
10	Vestibular nucleus projections to nucleus tractus solitarius and the dorsal motor nucleus of the vagus nerve: potential substrates for vestibulo-autonomic interactions. Experimental Brain Research, 1994, 98, 200-12.	0.7	126
11	Blast Exposure. Otology and Neurotology, 2010, 31, 232-236.	0.7	121
12	Threat Assessment and Locomotion: Clinical Applications of an Integrated Model of Anxiety and Postural Control. Seminars in Neurology, 2013, 33, 297-306.	0.5	114
13	Zonal organization of olivo-nodulus projections in albino rabbits. Neuroscience Research, 1988, 5, 409-423.	1.0	112
14	Pain sensitivity and vasopressin analgesia are mediated by a gene-sex-environment interaction. Nature Neuroscience, 2011, 14, 1569-1573.	7.1	110
15	Projections from the parabrachial nucleus to the vestibular nuclei: potential substrates for autonomic and limbic influences on vestibular responses. Brain Research, 2004, 996, 126-137.	1.1	98
16	Migrainous vertigo: development of a pathogenetic model and structured diagnostic interview. Current Opinion in Neurology, 2003, 16, 5-13.	1.8	97
17	Organization of thalamic afferents to anterior dorsal ventricular ridge in turtles. I. Projections of thalamic nuclei. Journal of Comparative Neurology, 1981, 200, 95-129.	0.9	95
18	Vestibular nucleus projections to the parabrachial nucleus in rabbits: implications for vestibular influences on the autonomic nervous system. Experimental Brain Research, 1996, 108, 367-81.	0.7	88

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19	Imaging of lipids in rat heart by MALDI-MS with silver nanoparticles. Analytical and Bioanalytical Chemistry, 2014, 406, 1377-1386.	1.9	88
20	Efficacy of N-Acetyl Cysteine in Traumatic Brain Injury. PLoS ONE, 2014, 9, e90617.	1.1	85
21	Mass spectrometry imaging of rat brain lipid profile changes over time following traumatic brain injury. Journal of Neuroscience Methods, 2016, 272, 19-32.	1.3	84
22	Vestibular autonomic regulation (including motion sickness and the mechanism of vomiting). Current Opinion in Neurology, 1999, 12, 29-33.	1.8	81
23	Organization of the coeruleo-vestibular pathway in rats, rabbits, and monkeys. Brain Research Reviews, 1999, 30, 189-217.	9.1	70
24	Demonstration of zonal projections from the cerebellar flocculus to vestibular nuclei in monkeys (Macaca fuscata). Neuroscience Letters, 1981, 27, 101-105.	1.0	69
25	Gangliosides and Ceramides Change in a Mouse Model of Blast Induced Traumatic Brain Injury. ACS Chemical Neuroscience, 2013, 4, 594-600.	1.7	69
26	Migraine, vertigo and migrainous vertigo: Links between vestibular and pain mechanisms. Journal of Vestibular Research: Equilibrium and Orientation, 2011, 21, 315-321.	0.8	66
27	Rizatriptan reduces vestibular-induced motion sickness in migraineurs. Journal of Headache and Pain, 2011, 12, 81-88.	2.5	66
28	Neuroanatomic Substrates for Vestibulo-Autonomic Interactions. Journal of Vestibular Research: Equilibrium and Orientation, 1998, 8, 7-16.	0.8	65
29	Immunohistochemical demonstration of regionally selective projections from locus coeruleus to the vestibular nuclei in rats. Experimental Brain Research, 1993, 92, 351-9.	0.7	64
30	Lipid imaging within the normal rat kidney using silver nanoparticles by matrix-assisted laser desorption/ionization mass spectrometry. Kidney International, 2015, 88, 186-192.	2.6	64
31	Motion sickness in migraine sufferers. Expert Opinion on Pharmacotherapy, 2005, 6, 2691-2697.	0.9	63
32	Changes in transient receptor potential cation channel superfamily V (TRPV) mRNA expression in the mouse inner ear ganglia after kanamycin challenge. Hearing Research, 2005, 201, 132-144.	0.9	62
33	Vestibular inputs to the lateral tegmental field of the cat: potential role in autonomic control. Brain Research, 1995, 689, 197-206.	1.1	60
34	Type 1 vanilloid receptor expression by mammalian inner ear ganglion cells. Hearing Research, 2003, 175, 165-170.	0.9	59
35	Transient Changes in Flocculonodular Lobe Protein Kinase C Expression during Vestibular Compensation. Journal of Neuroscience, 1997, 17, 4367-4381.	1.7	55
36	Oculomotor, Vestibular, and Reaction Time Tests in Mild Traumatic Brain Injury. PLoS ONE, 2016, 11, e0162168.	1.1	54

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37	Wireless hydrogen sensor network using AlGaN/GaN high electron mobility transistor differential diode sensors. Sensors and Actuators B: Chemical, 2008, 135, 188-194.	4.0	51
38	Top-down approach to vestibular compensation: Translational lessons from vestibular rehabilitation. Brain Research, 2012, 1482, 101-111.	1.1	50
39	Vestibular migraine. Annals of the New York Academy of Sciences, 2015, 1343, 90-96.	1.8	50
40	Length of the Eustachian Tube and its Postnatal Development: Computer-Aided Three-Dimensional Reconstruction and Measurement Study. Annals of Otology, Rhinology and Laryngology, 2000, 109, 542-548.	0.6	47
41	Visuo-vestibular contributions to anxiety and fear. Neuroscience and Biobehavioral Reviews, 2015, 48, 148-159.	2.9	47
42	Functional Anatomy of Levator Veli Palatini Muscle and Tensor Veli Palatini Muscle in Association with Eustachian Tube Cartilage. Annals of Otology, Rhinology and Laryngology, 2002, 111, 530-536.	0.6	45
43	Evidence of a collateralized climbing fiber projection from the inferior olive to the flocculus and vestibular nuclei in rabbits. Neuroscience Letters, 1981, 22, 23-29.	1.0	44
44	What is nausea? A historical analysis of changing views. Autonomic Neuroscience: Basic and Clinical, 2017, 202, 5-17.	1.4	42
45	Third Window Syndrome: Surgical Management of Cochlea-Facial Nerve Dehiscence. Frontiers in Neurology, 2019, 10, 1281.	1.1	42
46	Functional representation of eye movements in the flocculus of monkeys (Macaca fuscata). Neuroscience Letters, 1984, 49, 199-205.	1.0	41
47	Barrel rotation evoked by intracerebroventricular vasopressin injections in conscious rats. I. Description and general pharmacology. Brain Research, 1986, 365, 21-29.	1.1	41
48	Laser Desorption/Ionization Mass Spectrometric Imaging of Endogenous Lipids from Rat Brain Tissue Implanted with Silver Nanoparticles. Journal of the American Society for Mass Spectrometry, 2017, 28, 1716-1728.	1.2	41
49	The human pre-saccadic spike potential: Influences of a visual target, saccade direction, electrode laterality and instructions to perform saccades. Brain Research, 1985, 347, 49-57.	1.1	40
50	Identification of Neural Networks That Contribute to Motion Sickness through Principal Components Analysis of Fos Labeling Induced by Galvanic Vestibular Stimulation. PLoS ONE, 2014, 9, e86730.	1.1	39
51	Longitudinal Cognitive and Neurobehavioral Functional Outcomes Before and After Repairing Otic Capsule Dehiscence. Otology and Neurotology, 2016, 37, 70-82.	0.7	39
52	Postnatal development of eustachian tube cartilage. A study of normal and cleft palate cases. International Journal of Pediatric Otorhinolaryngology, 2000, 52, 31-36.	0.4	37
53	Gentamicin uptake in the chinchilla inner ear. Hearing Research, 2007, 230, 43-52.	0.9	37
54	Colocalization of 5-HT1F receptor and calcitonin gene-related peptide in rat vestibular nuclei. Neuroscience Letters, 2009, 465, 151-156.	1.0	37

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55	Use of the Round Window Microcatheter in the Treatment of Meniere???s Disease. Laryngoscope, 2001, 111, 2046-2049.	1.1	36
56	Responses of Primate Caudal Parabrachial Nucleus and KÃ¶lliker-Fuse Nucleus Neurons to Whole Body Rotation. Journal of Neurophysiology, 2002, 88, 3175-3193.	0.9	36
57	Regulation of mitochondrial uncoupling proteins in mouse inner ear ganglion cells in response to systemic kanamycin challenge. Neuroscience, 2005, 135, 639-653.	1.1	36
58	The use of oculomotor, vestibular, and reaction time tests to assess mild traumatic brain injury (mTBI) over time. Laryngoscope Investigative Otolaryngology, 2017, 2, 157-165.	0.6	34
59	Distribution of 5-HT1B and 5-HT1D receptors in the inner ear. Brain Research, 2010, 1346, 92-101.	1.1	33
60	Morphologic Changes in the Inner Ear of Chinchilla Laniger after Middle Ear Administration of Gentamicin in a Sustained-Release Vehicle. Otolaryngology - Head and Neck Surgery, 1999, 120, 643-648.	1.1	32
61	Cisplatin induces cytoplasmic to nuclear translocation of nucleotide excision repair factors among spiral ganglion neurons. Hearing Research, 2008, 239, 79-91.	0.9	32
62	Structure of anterior dorsal ventricular ridge in a turtle (Pseudemys scripta elegans). Journal of Morphology, 1978, 158, 291-322.	0.6	31
63	Adaptation to Capsaicin Within and Across Days. Physiology and Behavior, 1997, 61, 181-190.	1.0	31
64	Chronic Ethanol Consumption Profoundly Alters Regional Brain Ceramide and Sphingomyelin Content in Rodents. ACS Chemical Neuroscience, 2015, 6, 247-259.	1.7	31
65	Mass Spectrometric Imaging of Ceramide Biomarkers Tracks Therapeutic Response in Traumatic Brain Injury. ACS Chemical Neuroscience, 2017, 8, 2266-2274.	1.7	30
66	Developmental expression of calmodulin-dependent cyclic nucleotide phosphodiesterase in rat brain. Developmental Brain Research, 1990, 53, 253-263.	2.1	29
67	A role of climbing fibers in regulation of flocculonodular lobe protein kinase C expression during vestibular compensation. Brain Research, 1998, 804, 253-265.	1.1	28
68	Regional distribution of manganese superoxide dismutase 2 (Mn SOD2) expression in rodent and primate spiral ganglion cells. Hearing Research, 2009, 253, 116-124.	0.9	28
69	Motor disturbances and neurotoxicity induced by centrally administered somatostatin and vasopressin in conscious rats: interactive effects of two neuropeptides. Brain Research, 1988, 445, 117-129.	1.1	27
70	Zonal organization of flocculoâ€“vestibular connections in rats. Neuroscience, 2000, 99, 669-682.	1.1	27
71	Neurotransmitters in the vestibular system. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2016, 137, 41-55.	1.0	27
72	Acute findings in an acquired neurosensory dysfunction. Laryngoscope Investigative Otolaryngology, 2019, 4, 124-131.	0.6	27

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73	Use of avidin-biotin subtractive hybridization to characterize mRNA common to neurons destroyed by the selective neurotoxicant trimethyltin. Molecular Brain Research, 1990, 7, 287-297.	2.5	26
74	Connections Between the Vestibular Nuclei and Brain Stem Regions That Mediate Autonomic Function in the Rat. Journal of Vestibular Research: Equilibrium and Orientation, 1997, 7, 63-76.	0.8	26
75	Localization of the mitochondrial uncoupling protein family in the rat inner ear. Hearing Research, 2004, 196, 39-48.	0.9	25
76	Organization of thalamic afferents to anterior dorsal ventricular ridge in turtles. II. Properties of the rotundo-dorsal map. Journal of Comparative Neurology, 1981, 200, 131-150.	0.9	24
77	Functional Anatomy of the Tensor Veli Palatini Muscle and Ostmann's Fatty Tissue. Annals of Otology, Rhinology and Laryngology, 2002, 111, 1045-1049.	0.6	24
78	Histopathological Changes of the Eustachian Tube Cartilage and the Tensor Veli Palatini Muscle With Aging. Laryngoscope, 1999, 109, 1679-1683.	1.1	23
79	Postural Control as a Probe for Cognitive State: Exploiting Human Information Processing to Enhance Performance. International Journal of Human-Computer Interaction, 2004, 17, 275-286.	3.3	23
80	Parabrachial nucleus neuronal responses to off-vertical axis rotation in macaques. Experimental Brain Research, 2010, 202, 271-290.	0.7	23
81	Computational Study of Human Head Response to Primary Blast Waves of Five Levels from Three Directions. PLoS ONE, 2014, 9, e113264.	1.1	23
82	Blunt and blast head trauma: different entities. International Tinnitus Journal, 2009, 15, 115-8.	0.1	23
83	Inner Ear Therapeutics: An Overview of Middle Ear Delivery. Frontiers in Cellular Neuroscience, 2019, 13, 261.	1.8	21
84	Adaptation to capsaicin burn: effects of concentration and individual differences. Physiology and Behavior, 2001, 72, 205-216.	1.0	20
85	Mucosa-Associated Lymphoid Tissue in Middle Ear and Eustachian Tube. Annals of Otology, Rhinology and Laryngology, 2001, 110, 243-247.	0.6	20
86	Barrel rotation evoked by intracerebroventricular vasopressin injections in conscious rats. II. Visual/vestibular interactions and efficacy of antiseizure drugs. Brain Research, 1986, 365, 30-41.	1.1	19
87	Directional tuning of the human presaccadic spike potential. Brain Research, 1991, 543, 243-250.	1.1	19
88	Protein kinase C inhibition blocks the early appearance of vestibular compensation. Brain Research, 1999, 845, 97-101.	1.1	19
89	Early Diagnosis and Treatment of Traumatic Vestibulopathy and Postconcussive Dizziness. Neurologic Clinics, 2015, 33, 661-668.	0.8	19
90	Evidence for a noradrenergic projection to the subcommissural organ. Neuroscience Letters, 1994, 180, 209-213.	1.0	18

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91	Vestibular Abnormalities in Congenital Disorders. Annals of the New York Academy of Sciences, 2001, 942, 15-24.	1.8	18
92	Selective anterograde tracing of nonserotonergic projections from dorsal raphe nucleus to the basal forebrain and extended amygdala. Journal of Chemical Neuroanatomy, 2008, 35, 317-325.	1.0	18
93	A â€œbeat-to-beatâ€•interval generator for optokinetic nystagmus. Biological Cybernetics, 1992, 66, 203-216.	0.6	17
94	Vestibular nucleus projections to the Edingerâ€“Westphal and anteromedian nuclei of rabbits. Brain Research, 2003, 963, 121-131.	1.1	17
95	Towards a Mechanistic-Driven Precision Medicine Approach for Tinnitus. JARO - Journal of the Association for Research in Otolaryngology, 2019, 20, 115-131.	0.9	17
96	Postnatal Development of Static Volume of the Eustachian Tube Lumen. Annals of Otology, Rhinology and Laryngology, 2002, 111, 832-835.	0.6	16
97	A heuristic model of sensory adaptation. Attention, Perception, and Psychophysics, 2009, 71, 1941-1961.	0.7	16
98	Central effects of aldosterone infused into the rat subcommissural organ region. Neuroscience Research, 1984, 1, 341-351.	1.0	15
99	NMDA-mediated metabolic activation of the cerebellar cortex in behaving rats by the neuropeptide endothelin-1. Brain Research, 1994, 647, 345-352.	1.1	15
100	Immunohistochemistry of Lymphocytes and Macrophages in Human Celloidin-Embedded Temporal Bone Sections with Acute Otitis Media. Annals of Otology, Rhinology and Laryngology, 1997, 106, 662-668.	0.6	15
101	Neurosensory Symptom Complexes after Acute Mild Traumatic Brain Injury. PLoS ONE, 2016, 11, e0146039.	1.1	15
102	Effects of angiotensin, vasopressin and atrial natriuretic peptide on intraocular pressure in anesthetized rats. Neuropeptides, 1995, 29, 193-203.	0.9	14
103	Estimated Locations of the Narrowest Portion of the Eustachian Tube Lumen during Closed and Open States. Annals of Otology, Rhinology and Laryngology, 2002, 111, 255-260.	0.6	14
104	Normative data for ages 18â€45 for ocular motor and vestibular testing using eye tracking. Laryngoscope Investigative Otolaryngology, 2021, 6, 1116-1127.	0.6	13
105	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. Journal of Neuroscience Methods, 1995, 58, 95-101.	1.3	12
106	Temporal Bone Morphometric Study on the Eustachian Tube and its Associated Structures in Patients with Chromosomal Aberrations. Annals of Otology, Rhinology and Laryngology, 2002, 111, 722-729.	0.6	12
107	Colocalization of 5-HT1F receptor and glutamate in neurons of the vestibular nuclei in rats. NeuroReport, 2009, 20, 111-115.	0.6	12
108	Meeting Educational Challenges in Homeland Security and Emergency Management. Journal of Homeland Security and Emergency Management, 2010, 7, .	0.2	12

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109	Military Blast Exposure and Chronic Neurodegeneration: Summary of Working Groups and Expert Panel Findings and Recommendations. Journal of Neurotrauma, 2017, 34, S-18-S-25.	1.7	12
110	Editorial: Third Window Syndrome. Frontiers in Neurology, 2021, 12, 704095.	1.1	12
111	Cellular Distribution of Mucosa-Associated Lymphoid Tissue with Otitis Media in Children. Annals of Otology, Rhinology and Laryngology, 2000, 109, 467-472.	0.6	11
112	Difference in Attachment of the Tensor Veli Palatini Muscle to the Eustachian Tube Cartilage with Age. Annals of Otology, Rhinology and Laryngology, 2003, 112, 439-443.	0.6	11
113	Distribution of 5-HT1F Receptors in Monkey Vestibular and Trigeminal Ganglion Cells. Frontiers in Neurology, 2016, 7, 173.	1.1	11
114	Vestibular Neuroscience for the Headache Specialist. Headache, 2019, 59, 1109-1127.	1.8	11
115	Site-dependent central effects of aldosterone in rats. Brain Research, 1987, 401, 122-131.	1.1	10
116	Inflammatory Response to Chronic Otitis Media in Digeorge Syndrome: A Case Study Using Immunohistochemistry on Archival Temporal Bone Sections. Annals of Otology, Rhinology and Laryngology, 1999, 108, 756-761.	0.6	10
117	Time Course of Burn to Repeated Applications of Capsaicin. Physiology and Behavior, 1999, 66, 109-112.	1.0	10
118	A specific harmaline-evoked increase in cerebellar 5â€²-nucleotidase activity. Neuroscience Letters, 1984, 50, 111-116.	1.0	9
119	Postnatal Development of the Eustachian Tube Glands. Laryngoscope, 2002, 112, 1647-1652.	1.1	9
120	Three Distinct Categories of Time Course of Pain Produced by Oral Capsaicin. Journal of Pain, 2005, 6, 315-322.	0.7	9
121	Effect of intracochlear perfusion of vanilloids on cochlear neural activity in the guinea pig. Hearing Research, 2006, 218, 43-49.	0.9	9
122	Immunohistochemical and biomolecular identification of 5-HT_{7} receptor in rat vestibular nuclei. Journal of Vestibular Research: Equilibrium and Orientation, 2010, 20, 401-406.	0.8	9
123	Vestibular Rehabilitation: Ready for the Mainstream. NeuroRehabilitation, 2011, 29, 125-125.	0.5	9
124	Immunohistochemical and biomolecular identification of melatonin 1a and 1b receptors in rat vestibular nuclei. Auris Nasus Larynx, 2012, 39, 479-483.	0.5	9
125	Posttraumatic dizziness and vertigo. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2016, 137, 295-300.	1.0	9
126	Peripheral vestibular system: Age-related vestibular loss and associated deficits. Journal of Otology, 2021, 16, 258-265.	0.4	9

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127	Portable eye-tracking as a reliable assessment of oculomotor, cognitive and reaction time function: Normative data for 18â€“45 year old. PLoS ONE, 2021, 16, e0260351.	1.1	9
128	Diazepam attenuation of somatostatin-induced motor disturbances and neurotoxicity. Brain Research, 1988, 458, 91-96.	1.1	8
129	Cellular Proliferation of Mucosa-Associated Lymphoid Tissue with Otitis Media: A Preliminary Study. Annals of Otology, Rhinology and Laryngology, 2002, 111, 926-932.	0.6	8
130	Effect of trans-bullar gentamicin treatment on guinea pig angular and linear vestibulo-ocular reflexes. Experimental Brain Research, 2003, 152, 293-306.	0.7	8
131	Sustained-release devices in inner ear medical therapy. Otolaryngologic Clinics of North America, 2004, 37, 1053-1060.	0.5	8
132	Tonic and phasic processes in the acute effects of alcohol.. Experimental and Clinical Psychopharmacology, 2006, 14, 209-218.	1.3	8
133	Patterns of Pupillary Activity During Binocular Disparity Resolution. Frontiers in Neurology, 2018, 9, 990.	1.1	7
134	The Use of Selective Silver Degeneration Stains in Neurotoxicology. , 1992, , 223-238.		7
135	Inferior olivary lesions after local injections of 3-acetylpyridine in rabbits. Neuroscience Research, 1984, 1, 199-205.	1.0	6
136	Localization of methadone in the brain of young rats by computer-assisted autoradiography. Neuroscience Research, 1985, 3, 1-19.	1.0	6
137	Mechanisms for Vasopressin Effects on Intraocular Pressure in Anesthetized Rats. Experimental Eye Research, 1997, 65, 517-531.	1.2	6
138	Tonic, Phasic, and Integrator Components of Psychophysical Responses to Topical Capsaicin Account for Differences of Location and Sex. Journal of Pain, 2005, 6, 777-781.	0.7	6
139	Role of Gene Regulation during Vestibular Compensation. Annals of the New York Academy of Sciences, 2001, 942, 52-64.	1.8	6
140	Ethanol Induced Brain Lipid Changes in Mice Assessed by Mass Spectrometry. ACS Chemical Neuroscience, 2016, 7, 1148-1156.	1.7	6
141	Integration of vestibular and hindlimb inputs by vestibular nucleus neurons: multisensory influences on postural control. Journal of Neurophysiology, 2021, 125, 1095-1110.	0.9	6
142	Interaction Between Head-Down Tilt and Anterior Chamber Infusions on Intraocular Pressure of Anesthetized Rats. Experimental Eye Research, 1996, 62, 621-626.	1.2	5
143	Temporal Interactions between Oral Irritants: Piperine, Zingerone, and Capsaicin. Chemical Senses, 2007, 32, 455-462.	1.1	5
144	Clinical trials in mild traumatic brain injury. Journal of Neuroscience Methods, 2016, 272, 77-81.	1.3	5

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145	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. Journal of Neuroscience Methods, 2016, 272, 56-68.	1.3	5
146	Cortical Evoked Potentials Preceding Voluntary Saccadic Eye Movements. Neuro-Ophthalmology, 1984, 4, 169-176.	0.4	4
147	Human spike potentials prior to saccades and optokinetic nystagmus fast phases: Effects of instructions, eye movement direction and electrode laterality. Brain Research, 1986, 384, 94-100.	1.1	4
148	Toxic effects of somatostatin in the cerebellum and vestibular nuclei: multiple sites of action. Neuroscience Research, 1991, 12, 140-150.	1.0	4
149	Cytotoxic Effects of Somatostatin in the Cerebellum. Annals of the New York Academy of Sciences, 1992, 656, 802-810.	1.8	4
150	Toward Revitalizing the role of Physician-Scientists in Academic Medicine. Otolaryngology - Head and Neck Surgery, 2008, 139, 766-768.	1.1	4
151	Neurosensory Sequelae of Mild Traumatic Brain Injury. Psychiatric Annals, 2013, 43, 318-323.	0.1	4
152	Distribution of Psammoma Bodies in the Internal Auditory Canal and its Extended Areas in the Human Temporal Bone. Annals of Otology, Rhinology and Laryngology, 1999, 108, 963-968.	0.6	3
153	Hypoplasia of spiral and Scarpaâ€™s ganglion cells in GABAA receptor Î²3 subunit knockout mice. Hearing Research, 2002, 167, 71-80.	0.9	3
154	A hybrid cognitive-neurophysiological approach to resilient cyber security. , 2010, , .		3
155	Distinctive Convergence Eye Movements in an Acquired Neurosensory Dysfunction. Frontiers in Neurology, 2020, 11, 469.	1.1	3
156	Nonverbally Smart User Interfaces: Postural and Facial Expression Data in Human Computer Interaction. Lecture Notes in Computer Science, 2007, , 740-749.	1.0	3
157	Aqueous Humor Dynamics in Anesthetized Rats Infused with Intracameral Apraclonidine. Pharmacology, 1999, 58, 220-226.	0.9	2
158	Wireless Hydrogen Sensor Networks Using AlGaN/GaN High Electron Mobility Transistor Based Differential Diodes Sensor. ECS Transactions, 2008, 16, 127-137.	0.3	2
159	Mild blast wave exposure produces intensity-dependent changes in MMP2 expression patches in rat brains â€“ Findings from different blast severities. Brain Research, 2021, 1767, 147541.	1.1	2
160	Is There a Function for Protein Carboxylmethylation in the Nervous System?. , 1986, , 25-41.		2
161	Traumatic Brain Injury and Blast Exposures: Auditory and Vestibular Pathology. , 2011, , 517-520.		2
162	Pharmacologic and Immunologic Approaches to the Problems of Posttraumatic Glial Proliferation Following CNS Damage. , 1987, , 605-628.		2

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163	Effects of Ethacrynic Acid on Intraocular Pressure of Anesthetized Rats. Experimental Biology and Medicine, 1999, 220, 184-188.	1.1	1
164	Effects of Ethacrynic Acid on Intraocular Pressure of Anesthetized Rats. Proceedings of the Society for Experimental Biology and Medicine, 1999, 220, 184-188.	2.0	1
165	Differential intracochlear recordings of ensemble background activity (EBA) (L). Journal of the Acoustical Society of America, 2004, 116, 2738-2741.	0.5	1
166	Computational Study on the Bridging Vein Rupture of Blast-Induced Traumatic Brain Injury Using a Numerical Human Head Model. , 2011, , .		1
167	Biomechanical Assessment of the Bridging Vein Rupture of Blast-Induced Traumatic Brain Injury Using the Finite Element Human Head Model. , 2012, , .		1
168	Beat-to-beat control of human optokinetic nystagmus slow phase durations. Journal of Neurophysiology, 2017, 117, 204-214.	0.9	1
169	Emerging Technologies for Diagnosing Mild Traumatic Brain Injury. , 2019, , 381-392.		1
170	The early kinetics of gentamicin uptake into the inner ear. International Tinnitus Journal, 2002, 8, 27-9.	0.1	1
171	Distribution of Î²-d-glucuronidase in the central nervous system of albino rats. Neuroscience Letters, 1982, 29, 117-121.	1.0	0
172	Comparison of anterior chamber infusates on the intraocular pressure of intact rat eyes. General Pharmacology, 1996, 27, 1073-1076.	0.7	0
173	System implementation issues of dynamic discrete disaster decision simulation system (D4S2) - phase I. , 2007, , .		0
174	A hybrid modelling framework to simulate disaster response decisions. International Journal of Advanced Intelligence Paradigms, 2012, 4, 83.	0.2	0
175	Historical Perspective of Vestibular Migraine. , 2015, , 23-29.		0
176	What Is Mild Traumatic Brain Injury? Translational Definitions to Guide Translational Research. , 2019, , 3-9.		0
177	The Application of Story Structural Concepts and Elements to Clarify Interpretation of Reported mild TBI Symptoms. , 2019, , 83-98.		0
178	Neurotechnology, Global Relations, and National Security: Shifting Contexts and Neuroethical Demands. , 2014, , 28-37.		0
179	Operationalizing Basic Research and Scholarship by the Office of Naval Research: A System-of-Systems Approach for the Military Acquisition and Application of Knowledge. Boundary 2, 2017, 44, 3-13.	0.1	0
180	Ultrasonic Acoustic Heterodyne Transmission Into the Human Auditory and Vestibular Systems. , 2020, , .		0