

# Bill J Yates

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/870323/publications.pdf>

Version: 2024-02-01

118  
papers

2,657  
citations

172207

29  
h-index

223531

46  
g-index

125  
all docs

125  
docs citations

125  
times ranked

1775  
citing authors

#	ARTICLE	IF	CITATIONS
1	Why Canâ€™t Rodents Vomit? A Comparative Behavioral, Anatomical, and Physiological Study. PLoS ONE, 2013, 8, e60537.	1.1	149
2	Cervical prephrenic interneurons in the normal and lesioned spinal cord of the adult rat. Journal of Comparative Neurology, 2008, 511, 692-709.	0.9	148
3	Brainstem Substrates of Sympatho-Motor Circuitry Identified Using Trans-Synaptic Tracing with Pseudorabies Virus Recombinants. Journal of Neuroscience, 2003, 23, 4657-4666.	1.7	142
4	Vestibuloâ€™Sympathetic Responses. , 2014, 4, 851-887.		127
5	The effects of vestibular system lesions on autonomic regulation: Observations, mechanisms, and clinical implications. Journal of Vestibular Research: Equilibrium and Orientation, 2005, 15, 119-129.	0.8	117
6	Vestibular Influences on the Autonomic Nervous System. Annals of the New York Academy of Sciences, 1996, 781, 458-473.	1.8	99
7	Descending Influences on Vestibulospinal and Vestibulosympathetic Reflexes. Frontiers in Neurology, 2017, 8, 112.	1.1	85
8	Integration of vestibular and emetic gastrointestinal signals that produce nausea and vomiting: potential contributions to motion sickness. Experimental Brain Research, 2014, 232, 2455-2469.	0.7	72
9	Effects of lesions of the caudal cerebellar vermis on cardiovascular regulation in awake cats. Brain Research, 2002, 938, 62-72.	1.1	65
10	Neural circuits controlling diaphragm function in the cat revealed by transneuronal tracing. Journal of Applied Physiology, 2009, 106, 138-152.	1.2	62
11	Convergence of limb, visceral, and vertical semicircular canal or otolith inputs onto vestibular nucleus neurons. Experimental Brain Research, 2002, 144, 247-257.	0.7	61
12	Compensation Following Bilateral Vestibular Damage. Frontiers in Neurology, 2011, 2, 88.	1.1	60
13	Adaptive plasticity in vestibular influences on cardiovascular control. Brain Research Bulletin, 2000, 53, 3-9.	1.4	53
14	The effects of vestibular system lesions on autonomic regulation: observations, mechanisms, and clinical implications. Journal of Vestibular Research: Equilibrium and Orientation, 2005, 15, 119-29.	0.8	49
15	Effects of bilateral vestibular nucleus lesions on cardiovascular regulation in conscious cats. Journal of Applied Physiology, 2005, 98, 526-533.	1.2	48
16	Motion sickness diagnostic criteria: Consensus Document of the Classification Committee of the Bá›rÁ›ny Society. Journal of Vestibular Research: Equilibrium and Orientation, 2021, 31, 327-344.	0.8	46
17	Role Of The Vestibular System In Regulating Respiratory Muscle Activity During Movement. Clinical and Experimental Pharmacology and Physiology, 2002, 29, 112-117.	0.9	45
18	Role of the medial medullary reticular formation in relaying vestibular signals to the diaphragm and abdominal muscles. Brain Research, 2001, 902, 82-91.	1.1	43

#	ARTICLE	IF	CITATIONS
19	Transneuronal tracing of neural pathways controlling abdominal musculature in the ferret. <i>Brain Research</i> , 2001, 912, 24-32.	1.1	43
20	What is nausea? A historical analysis of changing views. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2017, 202, 5-17.	1.4	42
21	Modulation of vomiting by the medullary midline. <i>Brain Research</i> , 1996, 737, 51-58.	1.1	39
22	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.	1.1	39
23	Afferent pathways to the region of the vestibular nuclei that participates in cardiovascular and respiratory control. <i>Brain Research</i> , 2005, 1044, 241-250.	1.1	38
24	Cervical primary afferent input to vestibulospinal neurons projecting to the cervical dorsal horn: An anterograde and retrograde tracing study in the cat. <i>Journal of Comparative Neurology</i> , 1995, 353, 529-538.	0.9	37
25	Autonomic reaction to vestibular damage. <i>Otolaryngology - Head and Neck Surgery</i> , 1998, 119, 106-112.	1.1	37
26	Vestibular inputs elicit patterned changes in limb blood flow in conscious cats. <i>Journal of Physiology</i> , 2006, 575, 671-684.	1.3	37
27	Deciphering the Neural Control of Sympathetic Nerve Activity: Status Report and Directions for Future Research. <i>Frontiers in Neuroscience</i> , 2017, 11, 730.	1.4	35
28	Responses of caudal vestibular nucleus neurons of conscious cats to rotations in vertical planes, before and after a bilateral vestibular neurectomy. <i>Experimental Brain Research</i> , 2008, 188, 175-186.	0.7	34
29	Responses of neurons in the rostral ventrolateral medulla to whole body rotations: comparisons in decerebrate and conscious cats. <i>Journal of Applied Physiology</i> , 2011, 110, 1699-1707.	1.2	34
30	Integrative responses of neurons in parabrachial nuclei to a nauseogenic gastrointestinal stimulus and vestibular stimulation in vertical planes. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 302, R965-R975.	0.9	33
31	Polysynaptic pathways from the vestibular nuclei to the lateral mammillary nucleus of the rat: substrates for vestibular input to head direction cells. <i>Experimental Brain Research</i> , 2005, 161, 47-61.	0.7	31
32	Transneuronal tracing of vestibulo-trigeminal pathways innervating the masseter muscle in the rat. <i>Experimental Brain Research</i> , 2006, 171, 330-339.	0.7	28
33	Role of the rostral ventrolateral medulla (RVLM) in the patterning of vestibular system influences on sympathetic nervous system outflow to the upper and lower body. <i>Experimental Brain Research</i> , 2011, 210, 515-527.	0.7	27
34	Delineation of vagal emetic pathways: intragastric copper sulfate-induced emesis and viral tract tracing in musk shrews. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 306, R341-R351.	0.9	27
35	Effects of postural changes and removal of vestibular inputs on blood flow to the head of conscious felines. <i>Journal of Applied Physiology</i> , 2006, 100, 1475-1482.	1.2	26
36	A monosynaptic pathway links the vestibular nuclei and masseter muscle motoneurons in rats. <i>Experimental Brain Research</i> , 2007, 176, 665-671.	0.7	26

#	ARTICLE	IF	CITATIONS
37	Differential tropism of pseudorabies virus for sensory neurons in the cat. <i>Journal of NeuroVirology</i> , 1997, 3, 49-61.	1.0	25
38	Integrative responses of neurons in nucleus tractus solitarius to visceral afferent stimulation and vestibular stimulation in vertical planes. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011, 301, R1380-R1390.	0.9	25
39	Vestibular nucleus neurons respond to hindlimb movement in the decerebrate cat. <i>Journal of Neurophysiology</i> , 2014, 111, 2423-2432.	0.9	21
40	Revised guidelines to enhance the rigor and reproducibility of research published in American Physiological Society journals. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 315, R1251-R1253.	0.9	21
41	Transneuronal tracing of neural pathways influencing both diaphragm and genioglossal muscle activity in the ferret. <i>Journal of Applied Physiology</i> , 2003, 95, 1453-1459.	1.2	19
42	Integration of nonlabyrinthine inputs by the vestibular system: Role in compensation following bilateral damage to the inner ear. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2010, 19, 183-189.	0.8	19
43	Ensuring due process in the IACUC and animal welfare setting: considerations in developing noncompliance policies and procedures for institutional animal care and use committees and institutional officials. <i>FASEB Journal</i> , 2017, 31, 4216-4225.	0.2	19
44	Responses of rostral fastigial nucleus neurons of conscious cats to rotations in vertical planes. <i>Neuroscience</i> , 2008, 155, 317-325.	1.1	18
45	Rhythmic activity of neurons in the rostral ventrolateral medulla of conscious cats: effect of removal of vestibular inputs. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011, 301, R937-R946.	0.9	18
46	Vestibular nucleus neurons respond to hindlimb movement in the conscious cat. <i>Journal of Neurophysiology</i> , 2016, 116, 1785-1794.	0.9	18
47	Mapping of neural pathways that influence diaphragm activity and project to the lumbar spinal cord in cats. <i>Experimental Brain Research</i> , 2010, 203, 205-211.	0.7	17
48	Responses of neurons in the caudal medullary lateral tegmental field to visceral inputs and vestibular stimulation in vertical planes. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 303, R929-R940.	0.9	17
49	Distribution of hypothalamic neurons with orexin (hypocretin) or melanin concentrating hormone (MCH) immunoreactivity and multisynaptic connections with diaphragm motoneurons. <i>Brain Research</i> , 2010, 1323, 119-126.	1.1	16
50	Localization of serotonergic neurons that participate in regulating diaphragm activity in the cat. <i>Brain Research</i> , 2009, 1279, 71-81.	1.1	15
51	Effects of postural changes and vestibular lesions on genioglossal muscle activity in conscious cats. <i>Journal of Applied Physiology</i> , 2004, 96, 923-930.	1.2	14
52	Processing of vestibular inputs by the medullary lateral tegmental field of conscious cats: implications for generation of motion sickness. <i>Experimental Brain Research</i> , 2013, 225, 349-359.	0.7	13
53	Machine learning prediction of emesis and gastrointestinal state in ferrets. <i>PLoS ONE</i> , 2019, 14, e0223279.	1.1	13
54	Properties of spinal cord processing of femoral venous afferent input revealed by analysis of evoked potentials. <i>Journal of the Autonomic Nervous System</i> , 1985, 14, 201-207.	1.9	12

#	ARTICLE	IF	CITATIONS
55	Pretreatment with Ondansetron Blunts Plasma Vasopressin Increases Associated with Morphine Administration in Ferrets. <i>Anesthesia and Analgesia</i> , 2005, 101, 1029-1033.	1.1	12
56	Responses of thoracic spinal interneurons to vestibular stimulation. <i>Experimental Brain Research</i> , 2009, 195, 89-100.	0.7	12
57	Effects of visceral inputs on the processing of labyrinthine signals by the inferior and caudal medial vestibular nuclei: ramifications for the production of motion sickness. <i>Experimental Brain Research</i> , 2013, 228, 353-363.	0.7	12
58	Neurons in the pontomedullary reticular formation receive converging inputs from the hindlimb and labyrinth. <i>Experimental Brain Research</i> , 2017, 235, 1195-1207.	0.7	12
59	Locations of neurons with respiratory-related activity in the ferret brainstem. <i>Brain Research</i> , 2003, 974, 236-242.	1.1	11
60	Vestibular inputs to propriospinal interneurons in the feline C1-C2 spinal cord projecting to the C5-C6 ventral horn. <i>Experimental Brain Research</i> , 2006, 170, 39-51.	0.7	11
61	Collateralization of projections from the rostral ventrolateral medulla to the rostral and caudal thoracic spinal cord in felines. <i>Experimental Brain Research</i> , 2012, 220, 121-133.	0.7	11
62	Integration of vestibular and gastrointestinal inputs by cerebellar fastigial nucleus neurons: multisensory influences on motion sickness. <i>Experimental Brain Research</i> , 2014, 232, 2581-2589.	0.7	11
63	Selective stimulation of the ferret abdominal vagus nerve with multi-contact nerve cuff electrodes. <i>Scientific Reports</i> , 2021, 11, 12925.	1.6	11
64	Plastic changes in processing of graviceptive signals during spaceflight potentially contribute to postflight orthostatic intolerance. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2003, 13, 395-404.	0.8	11
65	Responses of feline medial medullary reticular formation neurons with projections to the C5-C6 ventral horn to vestibular stimulation. <i>Brain Research</i> , 2004, 1018, 247-256.	1.1	10
66	Responses of vestibular nucleus neurons to inputs from the hindlimb are enhanced following a bilateral labyrinthectomy. <i>Journal of Applied Physiology</i> , 2013, 114, 742-751.	1.2	10
67	Cardiovascular adjustments during anticipated postural changes. <i>Physiological Reports</i> , 2018, 6, e13554.	0.7	9
68	Orthostatic Intolerance in Acute Vestibular Neuritis. <i>Mayo Clinic Proceedings</i> , 2015, 90, 308-309.	1.4	8
69	Hindlimb movement modulates the activity of rostral fastigial nucleus neurons that process vestibular input. <i>Experimental Brain Research</i> , 2015, 233, 2411-2419.	0.7	7
70	An American Physiological Society cross-journal Call for Papers on "Deconstructing Organs: Single-Cell Analyses, Decellularized Organs, Organoids, and Organ-on-a-Chip Models". <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L266-L272.	1.3	7
71	The vestibular system and cardiovascular responses to altered gravity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2004, 286, R22-R22.	0.9	6
72	Responses of Neurons in the Medullary Lateral Tegmental Field and Nucleus Tractus Solitarius to Vestibular Stimuli in Conscious Felines. <i>Frontiers in Neurology</i> , 2020, 11, 620817.	1.1	6

#	ARTICLE	IF	CITATIONS
73	Responses of neurons in the rostral ventrolateral medulla of conscious cats to anticipated and passive movements. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2020, 318, R481-R492.	0.9	5
74	Motion Sickness. , 2009, , 2410-2413.		3
75	The Vestibulo-Autonomic System. , 2013, , 49-62.		3
76	Happy 80th birthday to the <i>Journal of Neurophysiology</i>!. Journal of Neurophysiology, 2018, 119, 1589-1591.	0.9	2
77	Horizontal Rotation Responses of Medullary Reticular Neurons in the Decerebrate Cat1. Journal of Vestibular Research: Equilibrium and Orientation, 1995, 5, 223-228.	0.8	2
78	Is it time to redefine "major operative procedures?". Journal of the American Association for Laboratory Animal Science, 2010, 49, 8.	0.6	2
79	Vestibular compensation: New clinical and basic science perspectives. Journal of Vestibular Research: Equilibrium and Orientation, 2009, 19, 143-146.	0.8	1
80	Physical Presence during Gamma Stereotactic Radiosurgery. Health Physics, 2009, 96, S11-S15.	0.3	1
81	The evolution of a distinguished neuroscience journal. Journal of Neurophysiology, 2014, 112, 1-4.	0.9	1
82	Biology and control of nausea and vomiting: outcomes of the 2013 University of Pittsburgh conference. Experimental Brain Research, 2014, 232, 2451-2453.	0.7	1
83	The evolution of a distinguished neuroscience journal: a progress report. Journal of Neurophysiology, 2015, 114, 1483-1485.	0.9	1
84	Strategies to Increase Rigor and Reproducibility of Data in Manuscripts: Reply to HÃ©roux. Journal of Neurophysiology, 2016, 116, 1538-1538.	0.9	1
85	The â€œnew realitiesâ€ of peer review. Journal of Neurophysiology, 2017, 117, 869-871.	0.9	1
86	The continuing evolution of the Journal of Neurophysiology: 2018 update. Journal of Neurophysiology, 2018, 119, 765-766.	0.9	1
87	Vestibular system influences on respiratory muscle activity and cardiovascular functions. , 2013, , 97-107.		1
88	Gastric Distensionâ€Induced Nodose Ganglionic Cell Responses Using a Highâ€throughput Multiâ€electrode Array in the Ferret. FASEB Journal, 2020, 34, 1-1.	0.2	1
89	Reporting of studies using animal and human subjects in APS journals: how the society protects authors from ethical minefields. Physiologist, 2012, 55, 8-10.	0.0	1
90	Response to Protocol Review: Study section's opinion matters. Lab Animal, 2010, 39, 259-260.	0.2	0

#	ARTICLE	IF	CITATIONS
91	Neurophysiology and computational neuroscience. Experimental Brain Research, 2010, 200, 189-191.	0.7	0
92	Vestibular neurophysiology: a collection of papers in honor of the career of Jay Goldberg. Experimental Brain Research, 2011, 210, 327-329.	0.7	0
93	Biology and control of nausea and vomiting 2015: Perspectives and overview of the conference. Autonomic Neuroscience: Basic and Clinical, 2017, 202, 3-4.	1.4	0
94	Vestibulo-Autonomic Responses . , 2017, , .		0
95	Eighty years old, and never looked better: rebranding in 2019. Journal of Neurophysiology, 2018, 120, 2155-2155.	0.9	0
96	A reflection on my editorship of Journal of Neurophysiology. Journal of Neurophysiology, 2020, 123, 2099-2100.	0.9	0
97	Vestibular influences on cardiovascular control during movement. , 2002, , 691-700.		0
98	Consequences of removal of vestibular inputs on patterning of blood flow to the limbs during postural alterations in conscious felines. FASEB Journal, 2006, 20, A772.	0.2	0
99	Transneuronal Tracing of Brainstem Circuitry Controlling Blood Flow to Skeletal Muscle Using Pseudorabies Virus (PRV) Recombinants in Rats. FASEB Journal, 2006, 20, LB35.	0.2	0
100	Effects of vestibular lesions on blood flow to the head of conscious felines. FASEB Journal, 2006, 20, A772.	0.2	0
101	Effects of postural alterations on the volume, pressure, and flow rate of air inspired and expired by conscious felines. FASEB Journal, 2006, 20, A373.	0.2	0
102	Responses of cerebellar fastigial nucleus neurons to whole-body rotations in vertical planes.. FASEB Journal, 2008, 22, 946.4.	0.2	0
103	Neural pathways that influence diaphragm activity and project to the lumbar spinal cord in cats. FASEB Journal, 2010, 24, 1064.6.	0.2	0
104	Activity of Neurons in the Rostral Ventrolateral Medulla (RVLM) of Conscious Cats. FASEB Journal, 2010, 24, 625.3.	0.2	0
105	Localization of hypothalamic neurons that contain orexin or melanin concentrating hormone peptides and regulate diaphragm activity in cats. FASEB Journal, 2010, 24, 1064.11.	0.2	0
106	Transneuronal viral tracing of sensory pathways from the stomach to the brain in the musk shrew, a small animal model for vomiting research. FASEB Journal, 2011, 25, 1075.11.	0.2	0
107	Cardiac-related and other rhythmic activity of neurons in the rostral ventrolateral medulla (RVLM) of conscious cats: effects of vestibular lesions. FASEB Journal, 2011, 25, 1027.4.	0.2	0
108	Responses of neurons in the rostral ventrolateral medulla (RVLM) to moderate-amplitude tilts: comparisons in conscious and decerebrate cats. FASEB Journal, 2011, 25, 1027.5.	0.2	0

#	ARTICLE	IF	CITATIONS
109	Role of the rostral ventrolateral medulla (RVLM) in the patterning of vestibular system influences on sympathetic nervous system outflow to the upper and lower body. FASEB Journal, 2011, 25, 1027.2.	0.2	0
110	Collateralization of projections of rostral ventrolateral medulla (RVLM) neurons to levels of the thoracic spinal cord that regulate upper and lower body blood flow. FASEB Journal, 2012, 26, 1091.14.	0.2	0
111	Processing of vestibular inputs by the medullary lateral tegmental field of conscious cats: implications for generation of motion sickness. FASEB Journal, 2013, 27, 932.5.	0.2	0
112	Responses of neurons in the caudal medullary lateral tegmental field to visceral inputs and vestibular stimulation in vertical planes. FASEB Journal, 2013, 27, 932.4.	0.2	0
113	Responses of vestibular nucleus neurons to hindlimb movement in decerebrate cats. FASEB Journal, 2013, 27, 932.10.	0.2	0
114	Elements of the Protocol Form: How to Complete and Review. , 2015, , 80-99.		0
115	Feedforward Mechanisms Adjust Cerebral Blood Flow During Anticipated Postural Changes. FASEB Journal, 2015, 29, 950.6.	0.2	0
116	Response of Neurons in the Rostral Ventrolateral Medulla (RVLM) to Anticipated and Passive Movements. FASEB Journal, 2019, 33, 562.3.	0.2	0
117	Selective Stimulation of Vagal Pathways Using a Multi-contact Circumferential Cuff Electrode. FASEB Journal, 2020, 34, 1-1.	0.2	0
118	Impact of Isoflurane Anesthesia on Gastrointestinal Myoelectric Recordings: A Comparative Analysis of Awake and Anesthetized States in Ferrets. FASEB Journal, 2022, 36, .	0.2	0