Bill J Yates

List of Publications by Year
in descending order

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118	2,657	172386 29	223716 46
papers	citations	h-index	g-index

125	125	125	1775
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Motion sickness diagnostic criteria: Consensus Document of the Classification Committee of the BÃ¡rÃ¡ny Society. Journal of Vestibular Research: Equilibrium and Orientation, 2021, 31, 327-344.	0.8	46
3	Selective stimulation of the ferret abdominal vagus nerve with multi-contact nerve cuff electrodes. Scientific Reports, 2021, 11, 12925.	1.6	11
4	Responses of Neurons in the Medullary Lateral Tegmental Field and Nucleus Tractus Solitarius to Vestibular Stimuli in Conscious Felines. Frontiers in Neurology, 2020, 11, 620817.	1.1	6
5	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
6	An American Physiological Society cross-journal Call for Papers on â€œDeconstructing Organs: Single-Cell Analyses, Decellularized Organs, Organoids, and Organ-on-a-Chip Modelsâ€• American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 319, L266-L272.	1.3	7
7	A reflection on my editorship of Journal of Neurophysiology. Journal of Neurophysiology, 2020, 123, 2099-2100.	0.9	0
8	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
9	Selective Stimulation of Vagal Pathways Using a Multiâ€contact Circumferential Cuff Electrode. FASEB Journal, 2020, 34, 1-1.	0.2	0
10	Machine learning prediction of emesis and gastrointestinal state in ferrets. PLoS ONE, 2019, 14, e0223279.	1.1	13
11	Response of Neurons in the Rostral Ventrolateral Medulla (RVLM) to Anticipated and Passive Movements. FASEB Journal, 2019, 33, 562.3.	0.2	0
12	Revised guidelines to enhance the rigor and reproducibility of research published in American Physiological Society journals. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2018, 315, R1251-R1253.	0.9	21
13	Cardiovascular adjustments during anticipated postural changes. Physiological Reports, 2018, 6, e13554.	0.7	9
14	Eighty years old, and never looked better: rebranding in 2019. Journal of Neurophysiology, 2018, 120, 2155-2155.	0.9	0
15	The continuing evolution of the Journal of Neurophysiology: 2018 update. Journal of Neurophysiology, 2018, 119, 765-766.	0.9	1
16	Happy 80th birthday to the Journal of Neurophysiology. Journal of Neurophysiology, 2018, 119, 1589-1591.	0.9	2
17	Neurons in the pontomedullary reticular formation receive converging inputs from the hindlimb and labyrinth. Experimental Brain Research, 2017, 235, 1195-1207.	0.7	12
18	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. FASEB Journal, 2017, 31, 4216-4225.	0.2	19

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19	The â€œnew realitiesâ€•of peer review. Journal of Neurophysiology, 2017, 117, 869-871.	0.9	1
20	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
21	What is nausea? A historical analysis of changing views. Autonomic Neuroscience: Basic and Clinical, 2017, 202, 5-17.	1.4	42
22	Descending Influences on Vestibulospinal and Vestibulosympathetic Reflexes. Frontiers in Neurology, 2017, 8, 112.	1.1	85
23	Deciphering the Neural Control of Sympathetic Nerve Activity: Status Report and Directions for Future Research. Frontiers in Neuroscience, 2017, 11, 730.	1.4	35
24	Vestibulo-Autonomic Responses â˜†. , 2017, , .		0
25	Vestibular nucleus neurons respond to hindlimb movement in the conscious cat. Journal of Neurophysiology, 2016, 116, 1785-1794.	0.9	18
26	Strategies to Increase Rigor and Reproducibility of Data in Manuscripts: Reply to HÃ©roux. Journal of Neurophysiology, 2016, 116, 1538-1538.	0.9	1
27	Orthostatic Intolerance in Acute Vestibular Neuritis. Mayo Clinic Proceedings, 2015, 90, 308-309.	1.4	8
28	Hindlimb movement modulates the activity of rostral fastigial nucleus neurons that process vestibular input. Experimental Brain Research, 2015, 233, 2411-2419.	0.7	7
29	The evolution of a distinguished neuroscience journal: a progress report. Journal of Neurophysiology, 2015, 114, 1483-1485.	0.9	1
30	Elements of the Protocol Form: How to Complete and Review. , 2015, , 80-99.		0
31	Feedforward Mechanisms Adjust Cerebral Blood Flow During Anticipated Postural Changes. FASEB Journal, 2015, 29, 950.6.	0.2	0
32	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
33	Delineation of vagal emetic pathways: intragastric copper sulfate-induced emesis and viral tract tracing in musk shrews. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 306, R341-R351.	0.9	27
34	Vestibular nucleus neurons respond to hindlimb movement in the decerebrate cat. Journal of Neurophysiology, 2014, 111, 2423-2432.	0.9	21
35	The evolution of a distinguished neuroscience journal. Journal of Neurophysiology, 2014, 112, 1-4.	0.9	1
36	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

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37	Integration of vestibular and gastrointestinal inputs by cerebellar fastigial nucleus neurons: multisensory influences on motion sickness. Experimental Brain Research, 2014, 232, 2581-2589.	0.7	11
38	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
39	Vestibuloâ€Sympathetic Responses. , 2014, 4, 851-887.		127
40	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. Experimental Brain Research, 2013, 228, 353-363.	0.7	12
41	Processing of vestibular inputs by the medullary lateral tegmental field of conscious cats: implications for generation of motion sickness. Experimental Brain Research, 2013, 225, 349-359.	0.7	13
42	Responses of vestibular nucleus neurons to inputs from the hindlimb are enhanced following a bilateral labyrinthectomy. Journal of Applied Physiology, 2013, 114, 742-751.	1.2	10
43	Why Canâ€™t Rodents Vomit? A Comparative Behavioral, Anatomical, and Physiological Study. PLoS ONE, 2013, 8, e60537.	1.1	149
44	Vestibular system influences on respiratory muscle activity and cardiovascular functions. , 2013, , 97-107.		1
45	The Vestibulo-Autonomic System. , 2013, , 49-62.		3
46	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
47	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
48	Responses of vestibular nucleus neurons to hindlimb movement in decerebrate cats. FASEB Journal, 2013, 27, 932.10.	0.2	0
49	Responses of neurons in the caudal medullary lateral tegmental field to visceral inputs and vestibular stimulation in vertical planes. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 303, R929-R940.	0.9	17
50	Integrative responses of neurons in parabrachial nuclei to a nauseogenic gastrointestinal stimulus and vestibular stimulation in vertical planes. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 302, R965-R975.	0.9	33
51	Collateralization of projections from the rostral ventrolateral medulla to the rostral and caudal thoracic spinal cord in felines. Experimental Brain Research, 2012, 220, 121-133.	0.7	11
52	Collateralizaton of projections of rostral ventrolateral medulla (RVLM) neurons to levels of the thoracic spinal cord that regulate upperâ€and lowerâ€body blood flow. FASEB Journal, 2012, 26, 1091.14.	0.2	0
53	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
54	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. Experimental Brain Research, 2011, 210, 515-527.	0.7	27

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55	Vestibular neurophysiology: a collection of papers in honor of the career of Jay Goldberg. Experimental Brain Research, 2011, 210, 327-329.	0.7	0
56	Responses of neurons in the rostral ventrolateral medulla to whole body rotations: comparisons in decerebrate and conscious cats. Journal of Applied Physiology, 2011, 110, 1699-1707.	1.2	34
57	Rhythmic activity of neurons in the rostral ventrolateral medulla of conscious cats: effect of removal of vestibular inputs. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 301, R937-R946.	0.9	18
58	Integrative responses of neurons in nucleus tractus solitarius to visceral afferent stimulation and vestibular stimulation in vertical planes. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 301, R1380-R1390.	0.9	25
59	Compensation Following Bilateral Vestibular Damage. Frontiers in Neurology, 2011, 2, 88.	1.1	60
60	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
61	Cardiacâ€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
62	Responses of neurons in the rostral ventrolateral medulla (RVLM) to moderateâ€amplitude tilts: comparisons in conscious and decerebrate cats. FASEB Journal, 2011, 25, 1027.5.	0.2	0
63	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
64	Integration of nonlabyrinthine inputs by the vestibular system: Role in compensation following bilateral damage to the inner ear. Journal of Vestibular Research: Equilibrium and Orientation, 2010, 19, 183-189.	0.8	19
65	Response to Protocol Review: Study section's opinion matters. Lab Animal, 2010, 39, 259-260.	0.2	0
66	Neurophysiology and computational neuroscience. Experimental Brain Research, 2010, 200, 189-191.	0.7	0
67	Mapping of neural pathways that influence diaphragm activity and project to the lumbar spinal cord in cats. Experimental Brain Research, 2010, 203, 205-211.	0.7	17
68	Distribution of hypothalamic neurons with orexin (hypocretin) or melanin concentrating hormone (MCH) immunoreactivity and multisynaptic connections with diaphragm motoneurons. Brain Research, 2010, 1323, 119-126.	1.1	16
69	Neural pathways that influence diaphragm activity and project to the lumbar spinal cord in cats. FASEB Journal, 2010, 24, 1064.6.	0.2	0
70	Activity of Neurons in the Rostral Ventrolateral Medulla (RVLM) of Conscious Cats. FASEB Journal, 2010, 24, 625.3.	0.2	0
71	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
72	Is it time to redefine "major operative procedures?". Journal of the American Association for Laboratory Animal Science, 2010, 49, 8.	0.6	2

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73	Neural circuits controlling diaphragm function in the cat revealed by transneuronal tracing. Journal of Applied Physiology, 2009, 106, 138-152.	1.2	62
74	Vestibular compensation: New clinical and basic science perspectives. Journal of Vestibular Research: Equilibrium and Orientation, 2009, 19, 143-146.	0.8	1
75	Localization of serotoninergic neurons that participate in regulating diaphragm activity in the cat. Brain Research, 2009, 1279, 71-81.	1.1	15
76	Responses of thoracic spinal interneurons to vestibular stimulation. Experimental Brain Research, 2009, 195, 89-100.	0.7	12
77	Physical Presence during Gamma Stereotactic Radiosurgery. Health Physics, 2009, 96, S11-S15.	0.3	1
78	Motion Sickness. , 2009, , 2410-2413.		3
79	Responses of caudal vestibular nucleus neurons of conscious cats to rotations in vertical planes, before and after a bilateral vestibular neurectomy. Experimental Brain Research, 2008, 188, 175-186.	0.7	34
80	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
81	Responses of rostral fastigial nucleus neurons of conscious cats to rotations in vertical planes. Neuroscience, 2008, 155, 317-325.	1.1	18
82	Responses of cerebellar fastigial nucleus neurons to wholeâ€body rotations in vertical planes.. FASEB Journal, 2008, 22, 946.4.	0.2	0
83	A monosynaptic pathway links the vestibular nuclei and masseter muscle motoneurons in rats. Experimental Brain Research, 2007, 176, 665-671.	0.7	26
84	Effects of postural changes and removal of vestibular inputs on blood flow to the head of conscious felines. Journal of Applied Physiology, 2006, 100, 1475-1482.	1.2	26
85	Vestibular inputs elicit patterned changes in limb blood flow in conscious cats. Journal of Physiology, 2006, 575, 671-684.	1.3	37
86	Vestibular inputs to propriospinal interneurons in the feline C1-C2 spinal cord projecting to the C5-C6 ventral horn. Experimental Brain Research, 2006, 170, 39-51.	0.7	11
87	Transneuronal tracing of vestibulo-trigeminal pathways innervating the masseter muscle in the rat. Experimental Brain Research, 2006, 171, 330-339.	0.7	28
88	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
89	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
90	Effects of vestibular lesions on blood flow to the head of conscious felines. FASEB Journal, 2006, 20, A772.	0.2	0

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91	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
92	Pretreatment with Ondansetron Blunts Plasma Vasopressin Increases Associated with Morphine Administration in Ferrets. Anesthesia and Analgesia, 2005, 101, 1029-1033.	1.1	12
93	Effects of bilateral vestibular nucleus lesions on cardiovascular regulation in conscious cats. Journal of Applied Physiology, 2005, 98, 526-533.	1.2	48
94	Afferent pathways to the region of the vestibular nuclei that participates in cardiovascular and respiratory control. Brain Research, 2005, 1044, 241-250.	1.1	38
95	Polysynaptic pathways from the vestibular nuclei to the lateral mammillary nucleus of the rat: substrates for vestibular input to head direction cells. Experimental Brain Research, 2005, 161, 47-61.	0.7	31
96	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
97	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
98	Effects of postural changes and vestibular lesions on genioglossal muscle activity in conscious cats. Journal of Applied Physiology, 2004, 96, 923-930.	1.2	14
99	Responses of feline medial medullary reticular formation neurons with projections to the C5â€“C6 ventral horn to vestibular stimulation. Brain Research, 2004, 1018, 247-256.	1.1	10
100	The vestibular system and cardiovascular responses to altered gravity. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2004, 286, R22-R22.	0.9	6
101	Locations of neurons with respiratory-related activity in the ferret brainstem. Brain Research, 2003, 974, 236-242.	1.1	11
102	Transneuronal tracing of neural pathways influencing both diaphragm and genioglossal muscle activity in the ferret. Journal of Applied Physiology, 2003, 95, 1453-1459.	1.2	19
103	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
104	Plastic changes in processing of graviceptive signals during spaceflight potentially contribute to postflight orthostatic intolerance. Journal of Vestibular Research: Equilibrium and Orientation, 2003, 13, 395-404.	0.8	11
105	Effects of lesions of the caudal cerebellar vermis on cardiovascular regulation in awake cats. Brain Research, 2002, 938, 62-72.	1.1	65
106	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
107	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
108	Vestibular influences on cardiovascular control during movement. , 2002, , 691-700.		0

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109	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
110	Transneuronal tracing of neural pathways controlling abdominal musculature in the ferret. Brain Research, 2001, 912, 24-32.	1.1	43
111	Adaptive plasticity in vestibular influences on cardiovascular control. Brain Research Bulletin, 2000, 53, 3-9.	1.4	53
112	Autonomic reaction to vestibular damage. Otolaryngology - Head and Neck Surgery, 1998, 119, 106-112.	1.1	37
113	Differential tropism of pseudorabies virus for sensory neurons in the cat. Journal of NeuroVirology, 1997, 3, 49-61.	1.0	25
114	Vestibular Influences on the Autonomic Nervous System. Annals of the New York Academy of Sciences, 1996, 781, 458-473.	1.8	99
115	Modulation of vomiting by the medullary midline. Brain Research, 1996, 737, 51-58.	1.1	39
116	Cervical primary afferent input to vestibulospinal neurons projecting to the cervical dorsal horn: An anterograde and retrograde tracing study in the cat. Journal of Comparative Neurology, 1995, 353, 529-538.	0.9	37
117	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
118	Properties of spinal cord processing of femoral venous afferent input revealed by analysis of evoked potentials. Journal of the Autonomic Nervous System, 1985, 14, 201-207.	1.9	12