

Pierre Denise

List of Publications by Year in descending order

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Version: 2024-02-01

128
papers

3,659
citations

126907

33
h-index

161849

54
g-index

133
all docs

133
docs citations

133
times ranked

3308
citing authors

#	ARTICLE	IF	CITATIONS
1	Twenty-four-hour variation of vestibular function in young and elderly adults. <i>Chronobiology International</i> , 2021, 38, 90-102.	2.0	2
2	Long Duration Bed Rest Modifies Cardiovagal Baroreflex Control but not Baroreflex Control of Muscle Sympathetic Action Potential Activity in Humans. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
3	Effect of jump exercise training on long-term head-down bed rest-induced cerebral blood flow responses in arteries and veins. <i>Experimental Physiology</i> , 2021, 106, 1549-1558.	2.0	2
4	Arterial and venous cerebral blood flow responses to long-term head-down bed rest in male volunteers. <i>Experimental Physiology</i> , 2020, 105, 44-52.	2.0	17
5	Vestibulo-Ocular Responses, Visual Field Dependence, and Motion Sickness in Aerobatic Pilots. <i>Aerospace Medicine and Human Performance</i> , 2020, 91, 326-331.	0.4	4
6	Effect of vestibular stimulation using a rotatory chair in human rest/activity rhythm. <i>Chronobiology International</i> , 2020, 37, 1244-1251.	2.0	3
7	Vestibular stimulation by 2G hypergravity modifies resynchronization in temperature rhythm in rats. <i>Scientific Reports</i> , 2020, 10, 9216.	3.3	1
8	Spatial Updating Depends on Gravity. <i>Frontiers in Neural Circuits</i> , 2020, 14, 20.	2.8	14
9	Vestibulo-sympathetic reflex in patients with bilateral vestibular loss. <i>Journal of Applied Physiology</i> , 2019, 127, 1238-1244.	2.5	1
10	Impact of Galvanic Vestibular Stimulation on Anxiety Level in Young Adults. <i>Frontiers in Systems Neuroscience</i> , 2019, 13, 14.	2.5	14
11	Cerebral Blood Flow Responses To Long Term Head-down Bed Rest. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 407-407.	0.4	0
12	Effect of sleep deprivation after a night shift duty on simulated crisis management by residents in anaesthesia. A randomised crossover study. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2018, 37, 161-166.	1.4	27
13	Noninvasive in-ear monitoring of intracranial pressure during microgravity in parabolic flights. <i>Journal of Applied Physiology</i> , 2018, 125, 353-361.	2.5	6
14	Interaction between graviception and carotid baroreflex function in humans during parabolic flight-induced microgravity. <i>Journal of Applied Physiology</i> , 2018, 125, 634-641.	2.5	12
15	Long-duration bed rest modifies sympathetic neural recruitment strategies in male and female participants. <i>Journal of Applied Physiology</i> , 2018, 124, 769-779.	2.5	20
16	Influence of graviceptor stimulation initiated by off-vertical axis rotation on ventilation. <i>Experimental Physiology</i> , 2018, 103, 1010-1019.	2.0	4
17	Prevalence, Predictors, and Prevention of Motion Sickness in Zero-G Parabolic Flights. <i>Aerospace Medicine and Human Performance</i> , 2017, 88, 3-9.	0.4	26
18	Jugular and Portal Vein Volume, Middle Cerebral Vein Velocity, and Intracranial Pressure in Dry Immersion. <i>Aerospace Medicine and Human Performance</i> , 2017, 88, 457-462.	0.4	20

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19	Internal carotid, external carotid and vertebral artery blood flow responses to 3 days of head-out dry immersion. <i>Experimental Physiology</i> , 2017, 102, 1278-1287.	2.0	13
20	Ocular Reflex Phase during Off-Vertical Axis Rotation in Humans is Modified by Head-Turn-On-Trunk Position. <i>Scientific Reports</i> , 2017, 7, 42071.	3.3	4
21	Effects of acute altered gravity during parabolic flight and/or vestibular loss on cell proliferation in the rat dentate gyrus. <i>Neuroscience Letters</i> , 2017, 654, 120-124.	2.1	4
22	Ehlers-Danlos Syndrome, Hypermobility Type: Impact of Somatosensory Orthoses on Postural Control (A Pilot Study). <i>Frontiers in Human Neuroscience</i> , 2017, 11, 283.	2.0	17
23	Exploration of Circadian Rhythms in Patients with Bilateral Vestibular Loss. <i>PLoS ONE</i> , 2016, 11, e0155067.	2.5	32
24	Hippocampal and striatal M ₁ muscarinic acetylcholine receptors are downregulated following bilateral vestibular loss in rats. <i>Hippocampus</i> , 2016, 26, 1509-1514.	1.9	21
25	Does COMT val158met polymorphism influence P50 sensory gating, eye tracking or saccadic inhibition dysfunctions in schizophrenia?. <i>Psychiatry Research</i> , 2016, 246, 738-744.	3.3	9
26	Effect of an acute increase in central blood volume on cerebral hemodynamics. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R902-R911.	1.8	28
27	Editorial: The Vestibular System in Cognitive and Memory Processes in Mammalians. <i>Frontiers in Integrative Neuroscience</i> , 2015, 9, 55.	2.1	45
28	Specific EEG Sleep Pattern in the Prefrontal Cortex in Primary Insomnia. <i>PLoS ONE</i> , 2015, 10, e0116864.	2.5	26
29	Lateral Semicircular Canal Asymmetry in Idiopathic Scoliosis: An Early Link between Biomechanical, Hormonal and Neurosensory Theories?. <i>PLoS ONE</i> , 2015, 10, e0131120.	2.5	26
30	Vestibular loss disrupts daily rhythm in rats. <i>Journal of Applied Physiology</i> , 2015, 118, 310-318.	2.5	32
31	The Vestibular System: A Newly Identified Regulator of Bone Homeostasis Acting Through the Sympathetic Nervous System. <i>Current Osteoporosis Reports</i> , 2015, 13, 198-205.	3.6	20
32	Vestibular loss promotes procedural response during a spatial task in rats. <i>Hippocampus</i> , 2014, 24, 591-597.	1.9	19
33	Does galvanic vestibular stimulation reduce spatial neglect? A negative study. <i>Annals of Physical and Rehabilitation Medicine</i> , 2014, 57, 570-577.	2.3	4
34	Otolith signals contribute to inter-individual differences in the perception of gravity-centered space. <i>Experimental Brain Research</i> , 2014, 232, 1037-1045.	1.5	4
35	Is there a relationship between odors and motion sickness?. <i>Neuroscience Letters</i> , 2014, 566, 326-330.	2.1	21
36	Impaired Driving Performance Associated with Effect of Time Duration in Patients with Primary Insomnia. <i>Sleep</i> , 2014, 37, 1565-1573.	1.1	28

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37	Sensorial Countermeasures for Vestibular Spatial Disorientation. <i>Aviation, Space, and Environmental Medicine</i> , 2014, 85, 563-567.	0.5	14
38	Effects of three therapeutic doses of codeine/paracetamol on driving performance, a psychomotor vigilance test, and subjective feelings. <i>Psychopharmacology</i> , 2013, 228, 309-320.	3.1	14
39	Changes in cerebral oxygenation during parabolic flight. <i>European Journal of Applied Physiology</i> , 2013, 113, 1617-1623.	2.5	23
40	Head Pilot: A new webcam-based Head Tracking System tested in permanently disabled patients. <i>Irbm</i> , 2013, 34, 124-130.	5.6	3
41	Bone remodeling is regulated by inner ear vestibular signals. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 2136-2144.	2.8	38
42	Increased myofiber remodelling and NFATc1-myonuclear translocation in rat postural skeletal muscle after experimental vestibular deafferentation. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2013, 23, 187-193.	2.0	19
43	Motion sickness susceptibility in healthy subjects and vestibular patients: Effects of gender, age and trait-anxiety. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2013, 23, 203-209.	2.0	125
44	Localization of Scopolamine Induced Electro cortical Brain Activity Changes, in Healthy Humans at Rest. <i>Journal of Clinical Pharmacology</i> , 2013, 53, 619-625.	2.0	11
45	Vergence and Standing Balance in Subjects with Idiopathic Bilateral Loss of Vestibular Function. <i>PLoS ONE</i> , 2013, 8, e66652.	2.5	31
46	Structural Layers of Ex Vivo Rat Hippocampus at 7T MRI. <i>PLoS ONE</i> , 2013, 8, e76135.	2.5	8
47	Influence of anxiety in spatial memory impairments related to the loss of vestibular function in rat. <i>Neuroscience</i> , 2012, 218, 161-169.	2.3	23
48	Spatial and non-spatial performance in mutant mice devoid of otoliths. <i>Neuroscience Letters</i> , 2012, 522, 57-61.	2.1	25
49	Interference between walking and a cognitive task is increased in patients with bilateral vestibular loss. <i>Gait and Posture</i> , 2012, 36, 319-321.	1.4	38
50	Evaluation of the chemical model of vestibular lesions induced by arsanilate in rats. <i>Toxicology and Applied Pharmacology</i> , 2012, 258, 61-71.	2.8	61
51	Influence of vestibular input on spatial and nonspatial memory and on hippocampal NMDA receptors. <i>Hippocampus</i> , 2012, 22, 814-826.	1.9	96
52	Differential respiratory control of the upper airway and diaphragm muscles induced by 5-HT1A receptor ligands. <i>Sleep and Breathing</i> , 2012, 16, 135-147.	1.7	11
53	Changes in sleep theta rhythm are related to episodic memory impairment in early Alzheimer's disease. <i>Biological Psychology</i> , 2011, 87, 334-339.	2.2	46
54	Zolpidem and zopiclone impair similarly monotonous driving performance after a single nighttime intake in aged subjects. <i>Psychopharmacology</i> , 2011, 214, 699-706.	3.1	37

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55	Influence of multisensory graviceptive information on the apparent zenith. <i>Experimental Brain Research</i> , 2011, 208, 569-579.	1.5	9
56	In-vivo deep brain recordings of intranigral grafted cells in a mouse model of Parkinson's disease. <i>NeuroReport</i> , 2010, 21, 485-489.	1.2	4
57	The ventrolateral surgical approach to labyrinthectomy in rats: anatomical description and clinical consequences. <i>Surgical and Radiologic Anatomy</i> , 2010, 32, 835-842.	1.2	18
58	Impaired Smooth Pursuit in Schizophrenia Results from Prediction Impairment Only. <i>Biological Psychiatry</i> , 2010, 67, 992-997.	1.3	22
59	Stimulation of the rat medullary raphe nuclei induces differential responses in respiratory muscle activity. <i>Respiratory Physiology and Neurobiology</i> , 2009, 165, 208-214.	1.6	19
60	Residual effects of hypnotic drugs in aging drivers submitted to simulated accident scenarios: an exploratory study. <i>Psychopharmacology</i> , 2009, 207, 461-467.	3.1	20
61	Eye eccentricity modifies the perception of whole-body rotation. <i>Experimental Brain Research</i> , 2009, 196, 295-301.	1.5	4
62	A combined neuropsychological and brain imaging study of obstructive sleep apnea. <i>Journal of Sleep Research</i> , 2009, 18, 36-48.	3.2	208
63	Effect of temporal relationship between respiration and body motion on motion sickness. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2009, 151, 142-146.	2.8	11
64	The elevator illusion results from the combination of body orientation and egocentric perception. <i>Neuroscience Letters</i> , 2009, 464, 156-159.	2.1	2
65	Early age-related changes in episodic memory retrieval as revealed by event-related potentials. <i>NeuroReport</i> , 2009, 20, 191-196.	1.2	30
66	Discrete and Effortful Imagined Movements Do Not Specifically Activate the Autonomic Nervous System. <i>PLoS ONE</i> , 2009, 4, e6769.	2.5	23
67	Vestibulo-ocular reflex and motion sickness in figure skaters. <i>European Journal of Applied Physiology</i> , 2008, 104, 1031-1037.	2.5	38
68	Residual effects of zolpidem, zopiclone and flunitrazepam on the processing of visual information in driving context. <i>Revue Europeenne De Psychologie Appliquee</i> , 2008, 58, 111-116.	0.8	1
69	Motion sickness induced by otolith stimulation is correlated with otolith-induced eye movements. <i>Neuroscience</i> , 2008, 155, 771-779.	2.3	19
70	Is there a link between sleep changes and memory in Alzheimer's disease?. <i>NeuroReport</i> , 2008, 19, 1159-1162.	1.2	151
71	Are otolithic inputs interpreted better in figure skaters?. <i>NeuroReport</i> , 2008, 19, 565-568.	1.2	8
72	Chapitre 28. Les agnosies. <i>Neurosciences & Cognition SÃ©rie LMD</i> , 2008, , 713-761.	0.0	0

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73	Interactions Among the Vestibular, Autonomic, and Skeletal Systems in Artificial Gravity. , 2007, , 233-247.		3
74	Beat-to-beat agreement of noninvasive tonometric and intra-radial arterial blood pressure during microgravity and hypergravity generated by parabolic flights. Blood Pressure Monitoring, 2007, 12, 357-362.	0.8	7
75	Human ocular counter-rolling and roll tilt perception during off-vertical axis rotation after spaceflight. Journal of Vestibular Research: Equilibrium and Orientation, 2007, 17, 209-15.	2.0	12
76	Total sleep deprivation effect on disengagement of spatial attention as assessed by saccadic eye movements. Clinical Neurophysiology, 2006, 117, 894-899.	1.5	59
77	Effects of Partial Sleep Deprivation on Within-Format and Cross-Format Priming. Sleep, 2006, , .	1.1	2
78	Total sleep deprivation can increase vestibulo-ocular responses. Journal of Sleep Research, 2006, 15, 369-375.	3.2	38
79	The saccadic component of ocular pursuit is influenced by the predictability of the target motion in humans. Experimental Brain Research, 2006, 168, 294-297.	1.5	6
80	Actigraphy: A new diagnostic tool for hepatic encephalopathy. World Journal of Gastroenterology, 2006, 12, 2243.	3.3	9
81	Effects of partial sleep deprivation on within-format and cross-format priming. Sleep, 2006, 29, 58-68.	1.1	8
82	Interaction between Cortical Control of Vestibular Function and Spatial Representation in Man. Annals of the New York Academy of Sciences, 2005, 1039, 494-497.	3.8	10
83	Are eye movement abnormalities indicators of genetic vulnerability to schizophrenia?. European Psychiatry, 2005, 20, 339-345.	0.2	35
84	Caractéristiques du reflexe vestibulo-oculaire chez les gymnastes. Science Et Motricite, 2005, , 101-112.	0.3	7
85	Early visual evoked potentials are modulated by eye position in humans induced by whole body rotations. BMC Neuroscience, 2004, 5, 35.	1.9	11
86	Vestibular control on blood pressure during parabolic flights in awake rats. NeuroReport, 2004, 15, 2357-2360.	1.2	20
87	Consolidation of Strictly Episodic Memories Mainly Requires Rapid Eye Movement Sleep. Sleep, 2004, 27, 395-401.	1.1	116
88	Labyrinthectomy decreases bone mineral density in the femoral metaphysis in rats. Journal of Vestibular Research: Equilibrium and Orientation, 2004, 14, 361-5.	2.0	10
89	Evidence for interacting cortical control of vestibular function and spatial representation in man. Neuropsychologia, 2003, 41, 1884-1898.	1.6	66
90	Effects of zolpidem 10 mg, zopiclone 7.5 mg and flunitrazepam 1 mg on night-time motor activity. European Neuropsychopharmacology, 2003, 13, 111-115.	0.7	34

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91	Vestibular decompensation in labyrinthectomized rats placed in weightlessness during parabolic flight. <i>Neuroscience Letters</i> , 2003, 344, 122-126.	2.1	5
92	Effet de lâ€™entraÃˆnement physique et sportif sur le rythme circadien de la tempÃ©rature et le rythme veilleâ€™sommeil chez la personne Ã¢gÃ©e. <i>Science and Sports</i> , 2003, 18, 93-103.	0.5	1
93	Do Zopiclone, Zolpidem and Flunitrazepam have Residual Effects on Simulated Task of Collision Anticipation?. <i>Journal of Psychopharmacology</i> , 2003, 17, 324-331.	4.0	18
94	Effect of human head flexion on the control of peripheral blood flow in microgravity and in 1 g. <i>European Journal of Applied Physiology</i> , 2002, 87, 296-303.	2.5	13
95	Saccadic and smooth-pursuit eye movements in deficit and non-deficit schizophrenia. <i>Schizophrenia Research</i> , 2001, 48, 145-153.	2.0	48
96	Poor performance in smooth pursuit and antisaccadic eye-movement tasks in healthy siblings of patients with schizophrenia. <i>Psychiatry Research</i> , 2001, 101, 209-219.	3.3	61
97	New questions on the hemispheric encoding/retrieval asymmetry (HERA) model assessed by divided visual-field tachistoscopia in normal subjects. <i>Neuropsychologia</i> , 2001, 39, 502-509.	1.6	37
98	Residual effects of hypnotics on disengagement of spatial attention. <i>Journal of Psychopharmacology</i> , 2000, 14, 401-405.	4.0	8
99	Motion sickness occurrence does not correlate with nystagmus characteristics. <i>Neuroscience Letters</i> , 2000, 287, 49-52.	2.1	25
100	Nonconvulsive status epilepticus: the role of morphine and its antagonist. <i>Neurophysiologie Clinique</i> , 2000, 30, 109-112.	2.2	11
101	Eye tracking tests in families of schizophrenic patients. <i>Schizophrenia Research</i> , 2000, 41, 89.	2.0	0
102	Residual effects of zolpidem 10 mg and zopiclone 7.5 mg versus flunitrazepam 1 mg and placebo on driving performance and ocular saccades. <i>Psychopharmacology</i> , 1999, 143, 373-379.	3.1	67
103	Vestibulo-ocular dysfunction induced by cortical damage in man: a case report. <i>Neuropsychologia</i> , 1999, 37, 715-721.	1.6	13
104	PET study of the human foveal fixation system. <i>Human Brain Mapping</i> , 1999, 8, 28-43.	3.6	69
105	Early neurological and neurophysiological development of the preterm infant and polyunsaturated fatty acids supply. <i>Clinical Neurophysiology</i> , 1999, 110, 1363-1370.	1.5	40
106	Vestibular Function in Children With the CHARGE Association. <i>JAMA Otolaryngology</i> , 1999, 125, 342.	1.2	64
107	Vestibular information contributes to update retinotopic maps. <i>NeuroReport</i> , 1999, 10, 3479-3483.	1.2	32
108	Hyper- and hypogravity alter posture in rats compensated on Earth for a vestibular asymmetry. <i>NeuroReport</i> , 1999, 10, 669-673.	1.2	3

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109	Low intensity galvanic vestibulo-ocular reflex in normal subjects. <i>Neurophysiologie Clinique</i> , 1998, 28, 413-422.	2.2	11
110	Deficit and negative subtypes in schizophrenia: Clinical and biological differences. <i>Schizophrenia Research</i> , 1998, 29, 33.	2.0	1
111	Saccadic eye movements and Wisconsin card sorting test in deficit and nondeficit schizophrenia. <i>Schizophrenia Research</i> , 1998, 29, 117.	2.0	2
112	Motion sickness susceptibility correlates with otolith- and canalâ€“ocular reflexes. <i>NeuroReport</i> , 1998, 9, 2253-2256.	1.2	19
113	Unilateral Vestibular Neuritis with Otolithic Signs and Off-Vertical Axis Rotation. <i>Acta Oto-Laryngologica</i> , 1997, 117, 7-12.	0.9	10
114	Otolithic and tonic neck receptors control of limb blood flow in humans. <i>Journal of Applied Physiology</i> , 1997, 82, 1734-1738.	2.5	43
115	Motion sickness during off-vertical axis rotation: prediction by a model of sensory interactions and correlation with other forms of motion sickness. <i>Neuroscience Letters</i> , 1996, 203, 183-186.	2.1	38
116	Computation of inverse dynamics for the control of movements. <i>Biological Cybernetics</i> , 1996, 75, 173-186.	1.3	31
117	Unilateral Peripheral Semicircular Canal Lesion and Off-Vertical Axis Rotation. <i>Acta Oto-Laryngologica</i> , 1996, 116, 361-367.	0.9	32
118	Circadian pattern of motor activity in major depressed patients undergoing antidepressant therapy: Relationship between actigraphic measures and clinical course. <i>Psychiatry Research</i> , 1994, 52, 85-98.	3.3	98
119	The cerebellum as a predictor of neural messagesâ€“II. Role in motor control and motion sickness. <i>Neuroscience</i> , 1993, 56, 647-655.	2.3	19
120	SPEM impairment in drug-naive schizophrenic patients: Evidence for a trait marker. <i>Biological Psychiatry</i> , 1992, 32, 891-902.	1.3	49
121	The effect of EGb 761 on vestibular compensation in the rat. <i>European Journal of Pharmacology</i> , 1990, 183, 1459.	3.5	2
122	Maturation of peripheral nerves in preterm infants. Motor and proprioceptive nerve conduction. <i>Electroencephalography and Clinical Neurophysiology</i> , 1990, 75, 118-121.	0.3	6
123	Nystagmus induced by off-vertical rotation axis in the cat. <i>Experimental Brain Research</i> , 1988, 73, 78-90.	1.5	142
124	Eye movements induced by off-vertical axis rotation (OVAR) at small angles of tilt. <i>Experimental Brain Research</i> , 1988, 73, 91-105.	1.5	81
125	Motion perceptions induced by off-vertical axis rotation (OVAR) at small angles of tilt. <i>Experimental Brain Research</i> , 1988, 73, 106-114.	1.5	42
126	Modulation by eye position of neck muscle contraction evoked by electrical labyrinthine stimulation in the alert cat. <i>Experimental Brain Research</i> , 1987, 67, 411-9.	1.5	134

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127	Modulation by horizontal eye position of the vestibulo-collic reflex induced by tilting in the frontal plane in the alert cat. <i>Experimental Brain Research</i> , 1985, 58, 510-9.	1.5	138
128	Noninvasive Monitoring of Breathing and Swallowing Interaction. , 0, , .		2