

I S Curthoys

List of Publications by Year in descending order

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313
papers

19,366
citations

8755

75
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13771

129
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324
all docs

324
docs citations

324
times ranked

3739
citing authors

#	ARTICLE	IF	CITATIONS
1	A Clinical Sign of Canal Paresis. Archives of Neurology, 1988, 45, 737-739.	4.5	1,167
2	The video head impulse test. Neurology, 2009, 73, 1134-1141.	1.1	669
3	Mechanisms of recovery following unilateral labyrinthectomy: a review. Brain Research Reviews, 1989, 14, 155-180.	9.0	581
4	Planar Relationships Of The Semicircular Canals In Man. Acta Oto-Laryngologica, 1975, 80, 185-196.	0.9	404
5	The Video Head Impulse Test. Frontiers in Neurology, 2017, 8, 258.	2.4	384
6	Head impulse test in unilateral vestibular loss. Neurology, 2008, 70, 454-463.	1.1	380
7	A critical review of the neurophysiological evidence underlying clinical vestibular testing using sound, vibration and galvanic stimuli. Clinical Neurophysiology, 2010, 121, 132-144.	1.5	338
8	Responses of guinea pig primary vestibular neurons to clicks. Experimental Brain Research, 1995, 103, 174-8.	1.5	316
9	The human horizontal vestibulo-ocular reflex in response to high-acceleration stimulation before and after unilateral vestibular neurectomy. Experimental Brain Research, 1990, 81, 479-490.	1.5	313
10	The Video Head Impulse Test (vHIT) of Semicircular Canal Function – Age-Dependent Normative Values of VOR Gain in Healthy Subjects. Frontiers in Neurology, 2015, 6, 154.	2.4	303
11	Neuronal activity in the ipsilateral medial vestibular nucleus of the guinea pig following unilateral labyrinthectomy. Brain Research, 1988, 444, 308-319.	2.2	300
12	Bone conducted vibration selectively activates irregular primary otolithic vestibular neurons in the guinea pig. Experimental Brain Research, 2006, 175, 256-267.	1.5	277
13	Head taps evoke a crossed vestibulo-ocular reflex. Neurology, 2007, 68, 1227-1229.	1.1	265
14	Tonic contraversive ocular tilt reaction due to unilateral mesoencephalic lesion. Neurology, 1990, 40, 1503-1503.	1.1	260
15	Linear acceleration perception in the roll plane before and after unilateral vestibular neurectomy. Experimental Brain Research, 1989, 77, 315-328.	1.5	254
16	Impulsive Testing of Semicircular Canal Function Using Video-Oculography. Annals of the New York Academy of Sciences, 2009, 1164, 486-491.	3.8	239
17	Physiological and Anatomical Study of Click-Sensitive Primary Vestibular Afferents in the Guinea Pig. Acta Oto-Laryngologica, 1997, 117, 66-72.	0.9	233
18	Convergence of labyrinthine influences on units in the vestibular nuclei of the cat. I. Natural stimulation. Brain Research, 1971, 35, 469-490.	2.2	230

#	ARTICLE	IF	CITATIONS
19	Neuronal activity in the contralateral medial vestibular nucleus of the guinea pig following unilateral labyrinthectomy. <i>Brain Research</i> , 1988, 444, 295-307.	2.2	230
20	The Video Head Impulse Test (vHIT) Detects Vertical Semicircular Canal Dysfunction. <i>PLoS ONE</i> , 2013, 8, e61488.	2.5	225
21	Semicircular Canal Functional Anatomy in Cat, Guinea Pig and Man. <i>Acta Oto-Laryngologica</i> , 1977, 83, 258-265.	0.9	222
22	Convergence of labyrinthine influences on units in the vestibular nuclei of the cat. II. Electrical stimulation. <i>Brain Research</i> , 1972, 43, 383-396.	2.2	219
23	The contribution of the contralateral labyrinth to second order vestibular neuronal activity in the cat. <i>Brain Research</i> , 1977, 138, 99-109.	2.2	214
24	Semicircular canal plane head impulses detect absent function of individual semicircular canals. <i>Brain</i> , 1998, 121, 699-716.	7.6	197
25	Ocular vestibular evoked myogenic potentials to bone conducted vibration of the midline forehead at Fz in healthy subjects. <i>Clinical Neurophysiology</i> , 2008, 119, 2135-2147.	1.5	195
26	Vestibular compensation and substitution. <i>Current Opinion in Neurology</i> , 2000, 13, 27-30.	3.6	195
27	Three-dimensional vector analysis of the human vestibuloocular reflex in response to high-acceleration head rotations. I. Responses in normal subjects. <i>Journal of Neurophysiology</i> , 1996, 76, 4009-4020.	1.8	188
28	Planar relationships of semicircular canals in the cat. <i>American Journal of Physiology</i> , 1972, 223, 55-62.	5.0	184
29	The effect of visual deprivation on vestibular compensation in the guinea pig. <i>Brain Research</i> , 1986, 364, 195-198.	2.2	180
30	Morphology of physiologically identified second-order vestibular neurons in cat, with intracellularly injected HRP. <i>Journal of Comparative Neurology</i> , 1988, 276, 387-411.	1.6	176
31	Three-dimensional vector analysis of the human vestibuloocular reflex in response to high-acceleration head rotations. II. responses in subjects with unilateral vestibular loss and selective semicircular canal occlusion. <i>Journal of Neurophysiology</i> , 1996, 76, 4021-4030.	1.8	169
32	Vestibular Compensation: A Review of the Oculomotor, Neural, and Clinical Consequences of Unilateral Vestibular Loss. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 1995, 5, 67-107.	2.0	169
33	Chapter 32 Postural compensation in the guinea pig following unilateral labyrinthectomy. <i>Progress in Brain Research</i> , 1988, 76, 375-384.	1.4	167
34	Vestibular compensation without brainstem commissures in the guinea pig. <i>Neuroscience Letters</i> , 1986, 65, 209-213.	2.1	158
35	Human ocular torsional position before and after unilateral vestibular neurectomy. <i>Experimental Brain Research</i> , 1991, 85, 218-25.	1.5	157
36	The role of the superior vestibular nerve in generating ocular vestibular-evoked myogenic potentials to bone conducted vibration at Fz. <i>Clinical Neurophysiology</i> , 2009, 120, 588-593.	1.5	149

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37	The interpretation of clinical tests of peripheral vestibular function. Laryngoscope, 2012, 122, 1342-1352.	2.0	141
38	What does the dissociation between the results of video head impulse versus caloric testing reveal about the vestibular dysfunction in Ménière's disease?. Acta Oto-Laryngologica, 2015, 135, 859-865.	0.9	141
39	Direct projection of type II vestibular neurons to eye movement-related pause neurons in the cat pontine reticular formation. Experimental Neurology, 1986, 91, 331-342.	4.1	137
40	The Effect of Ocular Torsional Position on Perception of the Roll-tilt of Visual Stimuli. Vision Research, 1997, 37, 1071-1078.	1.4	133
41	Vestibular function after acute vestibular neuritis. Restorative Neurology and Neuroscience, 2010, 28, 37-46.	0.7	132
42	The ocular vestibular-evoked myogenic potential to air-conducted sound; probable superior vestibular nerve origin. Clinical Neurophysiology, 2011, 122, 611-616.	1.5	131
43	Inferior Vestibular Neuritis. Annals of the New York Academy of Sciences, 2002, 956, 306-313.	3.8	124
44	Application of the Video Head Impulse Test to Detect Vertical Semicircular Canal Dysfunction. Otology and Neurotology, 2013, 34, 974-979.	1.3	118
45	Direct projection of pause neurons to nystagmus-related excitatory burst neurons in the cat pontine reticular formation. Experimental Neurology, 1984, 83, 414-422.	4.1	115
46	Horizontal head impulse test detects gentamicin vestibulotoxicity. Neurology, 2009, 72, 1417-1424.	1.1	113
47	Diagnosing Stroke in Acute Vertigo: The HINTS Family of Eye Movement Tests and the Future of the Eye Examination. Seminars in Neurology, 2015, 35, 506-521.	1.4	112
48	A new saccadic indicator of peripheral vestibular function based on the video head impulse test. Neurology, 2016, 87, 410-418.	1.1	110
49	Ocular Vestibular Evoked Myogenic Potentials in Response to Bone-Conducted Vibration of the Midline Forehead at Fz. Audiology and Neuro-Otology, 2008, 13, 396-404.	1.3	109
50	Responses of primary vestibular neurons to galvanic vestibular stimulation (GVS) in the anaesthetised guinea pig. Brain Research Bulletin, 2004, 64, 265-271.	3.0	107
51	Vestibular primary afferent responses to sound and vibration in the guinea pig. Experimental Brain Research, 2011, 210, 347-352.	1.5	107
52	A geometric basis for measurement of three-dimensional eye position using image processing. Vision Research, 1996, 36, 445-459.	1.4	105
53	The Influence of Semicircular Canal Morphology on Endolymph Flow Dynamics: An Anatomically Descriptive Mathematical Model. Acta Oto-Laryngologica, 1987, 103, 1-13.	0.9	104
54	Planar relationships of the semicircular canals in rhesus and squirrel monkeys. Brain Research, 1985, 340, 315-324.	2.2	99

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55	Clinical Testing of Otolith Function. Annals of the New York Academy of Sciences, 1999, 871, 195-204.	3.8	99
56	The response of guinea pig primary utricular and saccular irregular neurons to bone-conducted vibration (BCV) and air-conducted sound (ACS). Hearing Research, 2016, 331, 131-143.	2.0	99
57	Vestibular compensation: a review of the oculomotor, neural, and clinical consequences of unilateral vestibular loss. Journal of Vestibular Research: Equilibrium and Orientation, 1995, 5, 67-107.	2.0	98
58	Plasticity during Vestibular Compensation: The Role of Saccades. Frontiers in Neurology, 2012, 3, 21.	2.4	97
59	Response of guinea pig vestibular nucleus neurons to clicks. Experimental Brain Research, 1996, 111, 149-52.	1.5	95
60	The development of function of horizontal semicircular canal primary neurons in the rat. Brain Research, 1979, 167, 41-52.	2.2	93
61	Dimensions of the Horizontal Semicircular Duct, Ampulla and Utricle in the Human. Acta Oto-Laryngologica, 1987, 103, 254-261.	0.9	93
62	Ocular vestibular-evoked myogenic potentials to bone-conducted vibration in superior vestibular neuritis show utricular function. Otolaryngology - Head and Neck Surgery, 2010, 143, 274-280.	1.9	91
63	The Active Head-Impulse Test in Unilateral Peripheral Vestibulopathy. Archives of Neurology, 2005, 62, 290.	4.5	90
64	Direct inhibitory projection of pause neurons to nystagmus-related pontomedullary reticular burst neurons in the cat. Experimental Brain Research, 1980, 40, 283-93.	1.5	87
65	A Mathematical Model of Human Semicircular Canal Geometry: A New Basis for Interpreting Vestibular Physiology. JARO - Journal of the Association for Research in Otolaryngology, 2010, 11, 145-159.	1.8	86
66	Semicircular duct and ampulla dimensions in cat, guinea pig and man. Journal of Morphology, 1977, 151, 17-34.	1.2	84
67	Vestibular Compensation. , 1998, 55, 82-110.		84
68	The new vestibular stimuli: sound and vibration“anatomical, physiological and clinical evidence. Experimental Brain Research, 2017, 235, 957-972.	1.5	84
69	Binocular Counterrolling in Humans During Dynamic Rotation. Acta Oto-Laryngologica, 1979, 87, 490-498.	0.9	83
70	VTM “an image-processing system for measuring ocular torsion. Computer Methods and Programs in Biomedicine, 1991, 35, 219-230.	4.7	83
71	Maintained ocular torsion produced by bilateral and unilateral galvanic (DC) vestibular stimulation in humans. Experimental Brain Research, 1998, 122, 453-458.	1.5	83
72	The Orientation Of The Semicircular Canals In The Guinea Pig. Acta Oto-Laryngologica, 1975, 80, 197-205.	0.9	82

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73	Irregular primary otolith afferents from the guinea pig utricular and saccular maculae respond to both bone conducted vibration and to air conducted sound. Brain Research Bulletin, 2012, 89, 16-21.	3.0	82
74	Sustained and Transient Vestibular Systems: A Physiological Basis for Interpreting Vestibular Function. Frontiers in Neurology, 2017, 8, 117.	2.4	82
75	Electrophysiological evidence for vestibular activation of the guinea pig hippocampus. NeuroReport, 2000, 11, 1443-1447.	1.2	80
76	Ocular and cervical vestibular-evoked myogenic potentials to bone conducted vibration in Ménière's disease during quiescence vs during acute attacks. Clinical Neurophysiology, 2010, 121, 1092-1101.	1.5	79
77	What Galvanic Vestibular Stimulation Actually Activates. Frontiers in Neurology, 2012, 3, 117.	2.4	77
78	The response of primary horizontal semicircular canal neurons in the rat and guinea pig to angular acceleration. Experimental Brain Research, 1982, 47, 286-94.	1.5	76
79	Impulsive Testing of Individual Semicircular Canal Function. Annals of the New York Academy of Sciences, 2001, 942, 192-200.	3.8	74
80	Neural basis of new clinical vestibular tests: otolithic neural responses to sound and vibration. Clinical and Experimental Pharmacology and Physiology, 2014, 41, 371-380.	1.9	73
81	The Skull Vibration-Induced Nystagmus Test of Vestibular Function—A Review. Frontiers in Neurology, 2017, 8, 41.	2.4	72
82	An Indicator of Probable Semicircular Canal Dehiscence: Ocular Vestibular Evoked Myogenic Potentials to High Frequencies. Otolaryngology - Head and Neck Surgery, 2013, 149, 142-145.	1.9	67
83	Otolithic Receptor Mechanisms for Vestibular-Evoked Myogenic Potentials: A Review. Frontiers in Neurology, 2018, 9, 366.	2.4	67
84	Cat medial pontine reticular neurons related to vestibular nystagmus: Firing pattern, location and projection. Brain Research, 1981, 222, 75-94.	2.2	66
85	Between-subject variability and within-subject reliability of the human eye-movement response to bilateral galvanic (DC) vestibular stimulation. Experimental Brain Research, 2002, 144, 69-78.	1.5	66
86	What does the head impulse test versus caloric dissociation reveal about vestibular dysfunction in Ménière's disease?. Annals of the New York Academy of Sciences, 2015, 1343, 58-62.	3.8	66
87	Gentamicin Vestibulotoxicity. Otolaryngology - Head and Neck Surgery, 1994, 111, 571-574.	1.9	63
88	Vestibular Responses to Sound. Annals of the New York Academy of Sciences, 2005, 1039, 54-67.	3.8	61
89	Semicircular canal radii of curvature (R) in cat, guinea pig and man. Journal of Morphology, 1977, 151, 1-15.	1.2	60
90	Postnatal developmental changes in the response of rat primary horizontal semicircular canal neurons to sinusoidal angular accelerations. Experimental Brain Research, 1982, 47, 295-300.	1.5	60

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91	Effects of Galvanic vestibular stimulation on cognitive function. Experimental Brain Research, 2012, 216, 275-285.	1.5	60
92	Modeling postural instability with Galvanic vestibular stimulation. Experimental Brain Research, 2006, 172, 208-220.	1.5	59
93	Attachment of the utricular and saccular maculae to the temporal bone. Hearing Research, 2007, 233, 77-85.	2.0	59
94	The basis for using bone-conducted vibration or air-conducted sound to test otolithic function. Annals of the New York Academy of Sciences, 2011, 1233, 231-241.	3.8	59
95	How does high-frequency sound or vibration activate vestibular receptors?. Experimental Brain Research, 2015, 233, 691-699.	1.5	57
96	Vestibular function after vestibular neuritis. International Journal of Audiology, 2013, 52, 713-718.	1.7	56
97	Differential effects of escapable and inescapable footshock on hippocampal theta activity.. Behavioral Neuroscience, 1991, 105, 202-209.	1.2	54
98	Vestibulo-ocular reflex pathways in internuclear ophthalmoplegia. Annals of Neurology, 1999, 45, 529-533.	5.3	54
99	Inter-ocular differences of the horizontal vestibulo-ocular reflex during impulsive testing. Progress in Brain Research, 2008, 171, 195-198.	1.4	53
100	Variability in the control of head movements in seated humans: a link with whiplash injuries?. Journal of Physiology, 2001, 532, 851-868.	2.9	52
101	Eye movement related neurons in the cat pontine reticular formation: projection to the flocculus. Brain Research, 1980, 183, 291-299.	2.2	51
102	Lithium-Induced Downbeat Nystagmus. American Journal of Ophthalmology, 1989, 107, 664-670.	3.3	49
103	High acceleration impulsive rotations reveal severe long-term deficits of the horizontal vestibulo-ocular reflex in the guinea pig. Experimental Brain Research, 1998, 123, 242-254.	1.5	49
104	Anatomy of physiologically identified eye-movement-related pause neurons in the cat: Pontomedullary region. Journal of Comparative Neurology, 1987, 266, 56-72.	1.6	48
105	The Planes of the Utricular and Saccular Maculae of the Guinea Pig. Annals of the New York Academy of Sciences, 1999, 871, 27-34.	3.8	47
106	Visually perceived vertical and visually perceived horizontal are not orthogonal. Vision Research, 1998, 38, 1989-1999.	1.4	46
107	Ocular and Cervical Vestibular Evoked Myogenic Potentials to 500 Hz Fz Bone-Conducted Vibration in Superior Semicircular Canal Dehiscence. Ear and Hearing, 2012, 33, 508-520.	2.1	46
108	Vertical Eye Position—Dependence of the Human Vestibuloocular Reflex During Passive and Active Yaw Head Rotations. Journal of Neurophysiology, 1999, 81, 2415-2428.	1.8	45

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109	Maintaining Balance when Looking at a Virtual Reality Three-Dimensional Display of a Field of Moving Dots or at a Virtual Reality Scene. <i>Frontiers in Neurology</i> , 2015, 6, 164.	2.4	45
110	Saccadic Velocity in the New Suppression Head Impulse Test: A New Indicator of Horizontal Vestibular Canal Paresis and of Vestibular Compensation. <i>Frontiers in Neurology</i> , 2016, 7, 160.	2.4	45
111	Phase-locking of irregular guinea pig primary vestibular afferents to high frequency (>250 Hz) sound and vibration. <i>Hearing Research</i> , 2019, 373, 59-70.	2.0	45
112	New tests of vestibular function. <i>Baillière's Clinical Neurology</i> , 1994, 3, 485-500.	0.2	45
113	Click-evoked vestibulo-ocular reflex. <i>Neurology</i> , 2006, 66, 1079-1087.	1.1	44
114	Modeling locomotor dysfunction following spaceflight with Galvanic vestibular stimulation. <i>Experimental Brain Research</i> , 2006, 174, 647-659.	1.5	43
115	Dissociation between cVEMP and oVEMP responses: different vestibular origins of each VEMP?. <i>European Archives of Oto-Rhino-Laryngology</i> , 2010, 267, 1487-1489.	1.6	43
116	Vergence-mediated changes in the axis of eye rotation during the human vestibulo-ocular reflex can occur independent of eye position. <i>Experimental Brain Research</i> , 2003, 151, 238-248.	1.5	42
117	A new approach to visualizing the membranous structures of the inner ear – high resolution X-ray micro-tomography. <i>Acta Oto-Laryngologica</i> , 2007, 127, 568-573.	0.9	42
118	Linearity, symmetry and additivity of the human eye-movement response to maintained unilateral and bilateral surface galvanic (DC) vestibular stimulation. <i>Experimental Brain Research</i> , 2003, 148, 166-175.	1.5	41
119	Rapid fluctuations in dynamic semicircular canal function in early Ménière's disease. <i>European Archives of Oto-Rhino-Laryngology</i> , 2011, 268, 637-639.	1.6	41
120	Dimensions of the Horizontal Semicircular Duct, Ampulla and Utricle in Rat and Guinea Pig. <i>Acta Oto-Laryngologica</i> , 1986, 101, 1-10.	0.9	40
121	The Configuration and Attachment of the Utricular and Saccular Maculae to the Temporal Bone. <i>Annals of the New York Academy of Sciences</i> , 2009, 1164, 13-18.	3.8	39
122	A review of mechanical and synaptic processes in otolith transduction of sound and vibration for clinical VEMP testing. <i>Journal of Neurophysiology</i> , 2019, 122, 259-276.	1.8	39
123	Dimensions of the Horizontal Semicircular Duct, Ampulla and Utricle in the Human. <i>Acta Oto-Laryngologica</i> , 1987, 103, 254-261.	0.9	39
124	Posterior semicircular canal nystagmus is conjugate and its axis is parallel to that of the canal. <i>Neurology</i> , 2000, 54, 2016-2020.	1.1	38
125	Human Ocular Counterrolling During Roll-Tilt and Centrifugation. <i>Annals of the New York Academy of Sciences</i> , 1999, 871, 173-180.	3.8	37
126	Patient and Normal Three-dimensional Eye-Movement Responses to Maintained (DC) Surface Galvanic Vestibular Stimulation. <i>Otology and Neurotology</i> , 2005, 26, 500-511.	1.3	37

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127	Balance in Virtual Reality: Effect of Age and Bilateral Vestibular Loss. <i>Frontiers in Neurology</i> , 2017, 8, 5.	2.4	37
128	The Vestibulo-Ocular Reflex in Newborn Rats. <i>Acta Oto-Laryngologica</i> , 1979, 87, 484-489.	0.9	36
129	Ocular and cervical vestibular evoked myogenic potentials in response to bone-conducted vibration in patients with probable inferior vestibular neuritis. <i>Journal of Laryngology and Otology</i> , 2012, 126, 683-691.	0.8	36
130	Horizontal Eye Position Affects Measured Vertical VOR Gain on the Video Head Impulse Test. <i>Frontiers in Neurology</i> , 2015, 6, 58.	2.4	35
131	Otoliths - Accelerometer and seismometer; Implications in Vestibular Evoked Myogenic Potential (VEMP). <i>Hearing Research</i> , 2017, 353, 26-35.	2.0	35
132	Ocular vestibular-evoked myogenic potential (oVEMP) to test utricular function: neural and oculomotor evidence. <i>Acta Otorhinolaryngologica Italica</i> , 2012, 32, 41-5.	1.5	35
133	Ocular Vestibular Evoked Myogenic Potentials to Bone-Conducted Vibration in Vestibular Schwannomas. <i>Otology and Neurotology</i> , 2010, 31, 147-152.	1.3	34
134	Objective verification of full recovery of dynamic vestibular function after superior vestibular neuritis. <i>Laryngoscope</i> , 2011, 121, 2496-2500.	2.0	34
135	Gentamicin vestibulotoxicity. <i>Otolaryngology - Head and Neck Surgery</i> , 1994, 111, 571-574.	1.9	34
136	Eye movements produced by utricular and saccular stimulation. <i>Aviation, Space, and Environmental Medicine</i> , 1987, 58, A192-7.	0.5	33
137	Does unilateral utricular dysfunction cause horizontal spontaneous nystagmus?. <i>European Archives of Oto-Rhino-Laryngology</i> , 2012, 269, 2441-2445.	1.6	32
138	The n10 component of the ocular vestibular-evoked myogenic potential (oVEMP) is distinct from the R1 component of the blink reflex. <i>Clinical Neurophysiology</i> , 2009, 120, 1567-1576.	1.5	31
139	Unilateral vestibular deafferentation causes permanent impairment of the human vertical vestibulo-ocular reflex in the pitch plane. <i>Experimental Brain Research</i> , 1994, 102, 121-30.	1.5	30
140	Electrical Vestibular Stimulation in Humans: A Narrative Review. <i>Audiology and Neuro-Otology</i> , 2020, 25, 6-24.	1.3	30
141	Scarpa's Ganglion in the Rat and Guinea Pig. <i>Acta Oto-Laryngologica</i> , 1981, 92, 107-113.	0.9	29
142	Anatomical evidence of the projection of pontine omnipause neurons to midbrain regions controlling vertical eye movements. <i>Journal of Comparative Neurology</i> , 1989, 289, 610-625.	1.6	29
143	The human ocular torsion position response during yaw angular acceleration. <i>Vision Research</i> , 1995, 35, 2045-2055.	1.4	29
144	Generation of the quick phase of horizontal vestibular nystagmus. <i>Experimental Brain Research</i> , 2002, 143, 397-405.	1.5	29

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145	Assessment of intracochlear trauma caused by the insertion of a new straight research array. Cochlear Implants International, 2012, 13, 156-162.	1.2	29
146	The Human Horizontal Vestibulo-Ocular Reflex in Response to Active and Passive Head Impulses after Unilateral Vestibular Deafferentation. Annals of the New York Academy of Sciences, 2003, 1004, 325-336.	3.8	28
147	Errors of Binocular Fixation are Common in Normal Subjects during Natural Conditions. Optometry and Vision Science, 2003, 80, 764-771.	1.2	28
148	Enhanced otolithic function in semicircular canal dehiscence. Acta Oto-Laryngologica, 2011, 131, 107-112.	0.9	28
149	Effect of Stimulus Rise-Time on the Ocular Vestibular-Evoked Myogenic Potential to Bone-Conducted Vibration. Ear and Hearing, 2013, 34, 799-805.	2.1	28
150	Electrophysiological Measurements of Peripheral Vestibular Function—A Review of Electrovestibulography. Frontiers in Systems Neuroscience, 2017, 11, 34.	2.5	28
151	Changes in cochlear function during acute endolymphatic hydrops development in guinea pigs. Hearing Research, 2013, 296, 96-106.	2.0	27
152	Clinical application of the head impulse test of semicircular canal function. Hearing, Balance and Communication, 2017, 15, 113-126.	0.4	27
153	A Novel Saccadic Strategy Revealed by Suppression Head Impulse Testing of Patients with Bilateral Vestibular Loss. Frontiers in Neurology, 2017, 8, 419.	2.4	27
154	The delay of the oculogravic illusion. Brain Research Bulletin, 1996, 40, 407-410.	3.0	26
155	Superior Canal Dehiscence Syndrome: Relating Clinical Findings With Vestibular Neural Responses From a Guinea Pig Model. Otology and Neurotology, 2019, 40, e406-e414.	1.3	26
156	The Acute Effects of Unilateral Vestibular Neurectomy on Sensory and Motor Tests of Human Otolithic Function. Acta Oto-Laryngologica, 1991, 111, 5-10.	0.9	25
157	Changes in ocular torsion position produced by a single visual line rotating around the line of sight—“visual”-entrainment—of ocular torsion. Vision Research, 2004, 44, 397-406.	1.4	25
158	Compensation of the human vertical vestibulo-ocular reflex following occlusion of one vertical semicircular canal is incomplete. Experimental Brain Research, 1995, 103, 471-5.	1.5	24
159	The role of ocular torsion in visual measures of vestibular function. Brain Research Bulletin, 1996, 40, 399-403.	3.0	24
160	Otolithic Disease: Clinical Features and the Role of Vestibular Evoked Myogenic Potentials. Seminars in Neurology, 2013, 33, 231-237.	1.4	24
161	A review of the scientific basis and practical application of a new test of utricular function—ocular vestibular-evoked myogenic potentials to bone-conducted vibration. Acta Otorhinolaryngologica Italica, 2009, 29, 179-86.	1.5	24
162	Three-Dimensional Analysis of the Vestibular End Organs in Relation to the Stapes Footplate and Piston Placement. Otology and Neurotology, 2011, 32, 367-372.	1.3	23

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163	New, fast, clinical vestibular tests identify whether a vertigo attack is due to early Ménière's disease or vestibular neuritis. <i>Laryngoscope</i> , 2013, 123, 507-511.	2.0	23
164	Physiology, clinical evidence and diagnostic relevance of sound-induced and vibration-induced vestibular stimulation. <i>Current Opinion in Neurology</i> , 2020, 33, 126-135.	3.6	23
165	Dimensions of the horizontal semicircular duct, ampulla and utricle in the human. <i>Acta Oto-Laryngologica</i> , 1987, 103, 254-61.	0.9	23
166	A model of otolith stimulation. <i>Biological Cybernetics</i> , 1989, 60, 185-94.	1.3	22
167	Enhanced Vestibulo-Ocular Reflex Responses on vHIT. Is It a Casual Finding or a Sign of Vestibular Dysfunction?. <i>Frontiers in Neurology</i> , 2018, 9, 866.	2.4	22
168	Impulsive testing of semicircular canal function. <i>Progress in Brain Research</i> , 2008, 171, 187-194.	1.4	21
169	Measuring perceived orientation. <i>Vision Research</i> , 1975, 15, 1031-1033.	1.4	20
170	Projections to eye movement-related pause neuron region in cat using HRP. <i>Experimental Neurology</i> , 1984, 86, 93-104.	4.1	20
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