

Klaus Jahn

List of Publications by Year in descending order

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Version: 2024-02-01

210
papers

9,321
citations

36203

51
h-index

56606

83
g-index

240
all docs

240
docs citations

240
times ranked

6682
citing authors

#	ARTICLE	IF	CITATIONS
1	Methylprednisolone, Valacyclovir, or the Combination for Vestibular Neuritis. New England Journal of Medicine, 2004, 351, 354-361.	13.9	403
2	Real versus imagined locomotion: A [18F]-FDG PET-fMRI comparison. NeuroImage, 2010, 50, 1589-1598.	2.1	342
3	Brain activation patterns during imagined stance and locomotion in functional magnetic resonance imaging. NeuroImage, 2004, 22, 1722-1731.	2.1	340
4	Imaging human supraspinal locomotor centers in brainstem and cerebellum. NeuroImage, 2008, 39, 786-792.	2.1	243
5	Treatment of downbeat nystagmus with 3,4-diaminopyridine. Neurology, 2003, 61, 165-170.	1.5	239
6	Causative factors and epidemiology of bilateral vestibulopathy in 255 patients. Annals of Neurology, 2007, 61, 524-532.	2.8	234
7	Aging of human supraspinal locomotor and postural control in fMRI. Neurobiology of Aging, 2012, 33, 1073-1084.	1.5	205
8	Psychiatric comorbidity and psychosocial impairment among patients with vertigo and dizziness. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, 302-308.	0.9	185
9	A randomized trial of 4-aminopyridine in EA2 and related familial episodic ataxias. Neurology, 2011, 77, 269-275.	1.5	176
10	Locomotion speed determines gait variability in cerebellar ataxia and vestibular failure. Movement Disorders, 2012, 27, 125-131.	2.2	150
11	Beyond Dizziness: Virtual Navigation, Spatial Anxiety and Hippocampal Volume in Bilateral Vestibulopathy. Frontiers in Human Neuroscience, 2016, 10, 139.	1.0	129
12	Supraspinal locomotor control in quadrupeds and humans. Progress in Brain Research, 2008, 171, 353-362.	0.9	113
13	Noisy vestibular stimulation improves dynamic walking stability in bilateral vestibulopathy. Neurology, 2016, 86, 2196-2202.	1.5	111
14	Increased gait variability is associated with the history of falls in patients with cerebellar ataxia. Journal of Neurology, 2014, 261, 213-223.	1.8	107
15	Health services utilization of patients with vertigo in primary care: a retrospective cohort study. Journal of Neurology, 2014, 261, 1492-1498.	1.8	106
16	Differential effects of vestibular stimulation on walking and running. NeuroReport, 2000, 11, 1745-1748.	0.6	101
17	Sensory loss and walking speed related factors for gait alterations in patients with peripheral neuropathy. Gait and Posture, 2014, 39, 852-858.	0.6	101
18	Detection of floccular hypometabolism in downbeat nystagmus by fMRI. Neurology, 2006, 66, 281-283.	1.5	100

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19	Long-term prophylactic treatment of attacks of vertigo in Menière's disease – comparison of a high with a low dosage of betahistine in an open trial. <i>Acta Oto-Laryngologica</i> , 2008, 128, 520-524.	0.3	98
20	Falls and fear of falling in vertigo and balance disorders: A controlled cross-sectional study. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2016, 25, 241-251.	0.8	98
21	Follow-up of vestibular function in bilateral vestibulopathy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2008, 79, 284-288.	0.9	92
22	How the eyes move the body. <i>Neurology</i> , 2005, 65, 1291-1293.	1.5	90
23	Gait Disturbances in Old Age. <i>Deutsches &#x0308;rzteblatt International</i> , 2010, 107, 306-15; quiz 316.	0.6	89
24	Structural and functional plasticity of the hippocampal formation in professional dancers and slackliners. <i>Hippocampus</i> , 2011, 21, 855-865.	0.9	87
25	High-dosage betahistine dihydrochloride between 288 and 480Âmg/day in patients with severe Menière's disease: a case series. <i>European Archives of Oto-Rhino-Laryngology</i> , 2011, 268, 1237-1240.	0.8	85
26	Postural imbalance and falls in PSP correlate with functional pathology of the thalamus. <i>Neurology</i> , 2011, 77, 101-109.	1.5	84
27	A randomised double-blind, cross-over trial of 4-aminopyridine for downbeat nystagmus – effects on slowphase eye velocity, postural stability, locomotion and symptoms. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, 1392-1399.	0.9	84
28	Burden of disability attributable to vertigo and dizziness in the aged: results from the KORA-Age study. <i>European Journal of Public Health</i> , 2014, 24, 802-807.	0.1	82
29	Causative Factors, Epidemiology, and Follow-up of Bilateral Vestibulopathy. <i>Annals of the New York Academy of Sciences</i> , 2009, 1164, 505-508.	1.8	79
30	Central Oculomotor Disturbances and Nystagmus. <i>Deutsches &#x0308;rzteblatt International</i> , 2011, 108, 197-204.	0.6	77
31	Inadequate interaction between open- and closed-loop postural control in phobic postural vertigo. <i>Journal of Neurology</i> , 2013, 260, 1314-1323.	1.8	76
32	Imaging: What can it tell us about parkinsonian gait?. <i>Movement Disorders</i> , 2013, 28, 1492-1500.	2.2	76
33	Expression of Neuronal Markers in Differentiated Marrow Stromal Cells and CD133+ Stem-Like Cells. <i>Cell Transplantation</i> , 2003, 12, 839-848.	1.2	74
34	Speed-dependent temporospatial gait variability and long-range correlations in cerebellar ataxia. <i>Gait and Posture</i> , 2013, 37, 214-218.	0.6	73
35	Noise-Enhanced Vestibular Input Improves Dynamic Walking Stability in Healthy Subjects. <i>Brain Stimulation</i> , 2016, 9, 109-116.	0.7	73
36	Self-reported muscle pain in adolescents with migraine and tension-type headache. <i>Cephalalgia</i> , 2012, 32, 241-249.	1.8	71

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37	Mind the bend: cerebral activations associated with mental imagery of walking along a curved path. <i>Experimental Brain Research</i> , 2008, 191, 247-255.	0.7	70
38	Functional disturbance of the locomotor network in progressive supranuclear palsy. <i>Neurology</i> , 2013, 80, 634-641.	1.5	69
39	Imagined locomotion in the blind: An fMRI study. <i>NeuroImage</i> , 2009, 45, 122-128.	2.1	68
40	Vertigo and Dizziness in Childhood ~ Update on Diagnosis and Treatment. <i>Neuropediatrics</i> , 2011, 42, 129-134.	0.3	68
41	Gait characteristics of patients with phobic postural vertigo: effects of fear of falling, attention, and visual input. <i>Journal of Neurology</i> , 2014, 261, 738-746.	1.8	68
42	Vestibular migraine and recurrent vertigo of childhood: Diagnostic criteria consensus document of the Classification Committee of Vestibular Disorders of the Bárány Society and the International Headache Society. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2021, 31, 1-9.	0.8	66
43	Stochastic resonance in the human vestibular system ~ Noise-induced facilitation of vestibulospinal reflexes. <i>Brain Stimulation</i> , 2018, 11, 261-263.	0.7	64
44	Differential effects of absent visual feedback control on gait variability during different locomotion speeds. <i>Experimental Brain Research</i> , 2013, 224, 287-294.	0.7	62
45	Dizziness and Unstable Gait in Old Age. <i>Deutsches A&#x0308;rztblatt International</i> , 2015, 112, 387-93.	0.6	61
46	Vertigo and dizziness in children. <i>Current Opinion in Neurology</i> , 2015, 28, 78-82.	1.8	61
47	Clinical and neurophysiological risk factors for falls in patients with bilateral vestibulopathy. <i>Journal of Neurology</i> , 2017, 264, 277-283.	1.8	61
48	N-Acetyl-L-Leucine Accelerates Vestibular Compensation after Unilateral Labyrinthectomy by Action in the Cerebellum and Thalamus. <i>PLoS ONE</i> , 2015, 10, e0120891.	1.1	60
49	Automated classification of neurological disorders of gait using spatio-temporal gait parameters. <i>Journal of Electromyography and Kinesiology</i> , 2015, 25, 413-422.	0.7	60
50	Visually induced gait deviations during different locomotion speeds. <i>Experimental Brain Research</i> , 2001, 141, 370-374.	0.7	58
51	4-Aminopyridine and cerebellar gait: a retrospective case series. <i>Journal of Neurology</i> , 2012, 259, 2491-2493.	1.8	58
52	Clinical, electrophysiological, and MRI findings in patients with cerebellar ataxia and a bilaterally pathological head~impulse test. <i>Annals of the New York Academy of Sciences</i> , 2011, 1233, 127-138.	1.8	56
53	Noisy vestibular stimulation improves vestibulospinal function in patients with bilateral vestibulopathy. <i>Journal of Neurology</i> , 2018, 265, 57-62.	1.8	55
54	Aminopyridines for the treatment of cerebellar and ocular motor disorders. <i>Progress in Brain Research</i> , 2008, 171, 535-541.	0.9	53

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55	Immediate effectiveness of single-session therapeutic interventions in pusher behaviour. <i>Gait and Posture</i> , 2013, 37, 246-250.	0.6	53
56	Acute unilateral vestibulopathy/vestibular neuritis: Diagnostic criteria. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2022, 32, 389-406.	0.8	53
57	Suppression of eye movements improves balance. <i>Brain</i> , 2002, 125, 2005-2011.	3.7	52
58	Saccular function less affected than canal function in bilateral vestibulopathy. <i>Journal of Neurology</i> , 2008, 255, 1332-1336.	1.8	50
59	Prospective controlled cohort study to evaluate changes of function, activity and participation in patients with bilateral spastic cerebral palsy after Robot-enhanced repetitive treadmill therapy. <i>European Journal of Paediatric Neurology</i> , 2014, 18, 502-510.	0.7	50
60	Spatial separation of visual and vestibular processing in the human hippocampal formation. <i>Annals of the New York Academy of Sciences</i> , 2011, 1233, 177-186.	1.8	49
61	Sequential [18F]FDG μ PET whole-brain imaging of central vestibular compensation: a model of deafferentation-induced brain plasticity. <i>Brain Structure and Function</i> , 2016, 221, 159-170.	1.2	49
62	Inverse U-shaped curve for age dependency of torsional eye movement responses to galvanic vestibular stimulation. <i>Brain</i> , 2003, 126, 1579-1589.	3.7	48
63	Effect of chlorzoxazone in patients with downbeat nystagmus. <i>Neurology</i> , 2013, 81, 1152-1158.	1.5	47
64	Human Hippocampal Activation during Stance and Locomotion. <i>Annals of the New York Academy of Sciences</i> , 2009, 1164, 229-235.	1.8	46
65	The interrelationship between disease severity, dynamic stability, and falls in cerebellar ataxia. <i>Journal of Neurology</i> , 2016, 263, 1409-1417.	1.8	46
66	Eye Movements and Balance. <i>Annals of the New York Academy of Sciences</i> , 2003, 1004, 352-358.	1.8	45
67	False-Positive Head-Impulse Test in Cerebellar Ataxia. <i>Frontiers in Neurology</i> , 2012, 3, 162.	1.1	45
68	Walking assessment after lumbar puncture in normal-pressure hydrocephalus: a delayed improvement over 3 days. <i>Journal of Neurosurgery</i> , 2017, 126, 148-157.	0.9	45
69	Noisy Galvanic Stimulation Improves Roll-Tilt Vestibular Perception in Healthy Subjects. <i>Frontiers in Neurology</i> , 2018, 9, 83.	1.1	45
70	Vestibular Migraine in Children and Adolescents: Clinical Findings and Laboratory Tests. <i>Frontiers in Neurology</i> , 2014, 5, 292.	1.1	43
71	Pathological ponto-cerebello-thalamo-cortical activations in primary orthostatic tremor during lying and stance. <i>Brain</i> , 2017, 140, 83-97.	3.7	43
72	Anisotropy of Human Horizontal and Vertical Navigation in Real Space: Behavioral and PET Correlates. <i>Cerebral Cortex</i> , 2016, 26, 4392-4404.	1.6	42

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73	Imaging supraspinal locomotor control in balance disorders. <i>Restorative Neurology and Neuroscience</i> , 2010, 28, 105-114.	0.4	41
74	Verticality perception during and after galvanic vestibular stimulation. <i>Neuroscience Letters</i> , 2014, 581, 75-79.	1.0	41
75	Current concepts and future approaches to vestibular rehabilitation. <i>Journal of Neurology</i> , 2016, 263, 65-70.	1.8	40
76	The Aging Vestibular System: Dizziness and Imbalance in the Elderly. <i>Advances in Oto-Rhino-Laryngology</i> , 2019, 82, 143-149.	1.6	40
77	4-Aminopyridine improves gait variability in cerebellar ataxia due to CACNA 1A mutation. <i>Journal of Neurology</i> , 2011, 258, 1708-1711.	1.8	39
78	Patient-specific determinants of responsiveness to robot-enhanced treadmill therapy in children and adolescents with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2014, 56, 1172-1179.	1.1	38
79	Acetyl-DL-leucine improves gait variability in patients with cerebellar ataxia—a case series. <i>Cerebellum and Ataxias</i> , 2016, 3, 8.	1.9	38
80	Migraine-Related Vertigo and Somatoform Vertigo Frequently Occur in Children and Are Often Associated. <i>Neuropediatrics</i> , 2013, 44, 055-058.	0.3	37
81	Robot-assisted gait training to reduce pusher behavior. <i>Neurology</i> , 2018, 91, e1319-e1327.	1.5	37
82	Differential effects of eyes open or closed in darkness on brain activation patterns in blind subjects. <i>Neuroscience Letters</i> , 2009, 466, 30-34.	1.0	36
83	Impact of vertigo and dizziness on self-perceived participation and autonomy in older adults: results from the KORA-Age study. <i>Quality of Life Research</i> , 2014, 23, 2301-2308.	1.5	36
84	Integrated center for research and treatment of vertigo, balance and ocular motor disorders. <i>Restorative Neurology and Neuroscience</i> , 2010, 28, 1-8.	0.4	35
85	Assessment of Potential Cardiotoxic Side Effects of Mitoxantrone in Patients with Multiple Sclerosis. <i>European Neurology</i> , 2005, 54, 28-33.	0.6	34
86	Dalfampridine in patients with downbeat nystagmus—an observational study. <i>Journal of Neurology</i> , 2013, 260, 1992-1996.	1.8	34
87	Balance control and anti-gravity muscle activity during the experience of fear at heights. <i>Physiological Reports</i> , 2014, 2, e00232.	0.7	34
88	The mixed blessing of treating symptoms in acute vestibular failure — Evidence from a 4-aminopyridine experiment. <i>Experimental Neurology</i> , 2014, 261, 638-645.	2.0	34
89	Gait analysis in PSP and NPH. <i>Neurology</i> , 2018, 90, e1021-e1028.	1.5	34
90	Vascular vertigo and dizziness: Diagnostic criteria. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2022, 32, 205-222.	0.8	34

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91	Covert Anti-Compensatory Quick Eye Movements during Head Impulses. PLoS ONE, 2014, 9, e93086.	1.1	33
92	Quality of life up to 10 years after traumatic brain injury: a cross-sectional analysis. Health and Quality of Life Outcomes, 2020, 18, 166.	1.0	33
93	4-Aminopyridine suppresses positional nystagmus caused by cerebellar vermis lesion. Journal of Neurology, 2013, 260, 321-323.	1.8	32
94	Prevalence, Determinants, and Consequences of Vestibular Hypofunction. Results From the KORA-FF4 Survey. Frontiers in Neurology, 2018, 9, 1076.	1.1	32
95	Gaze stabilisation exercises in vestibular rehabilitation: review of the evidence and recent clinical advances. Journal of Neurology, 2019, 266, 11-18.	1.8	32
96	Nonlinear Variability of Body Sway in Patients with Phobic Postural Vertigo. Frontiers in Neurology, 2013, 4, 115.	1.1	31
97	The Progressive Supranuclear Palsy Clinical Deficits Scale. Movement Disorders, 2020, 35, 650-661.	2.2	31
98	Management of a Lassa fever outbreak, Rhineland-Palatinate, Germany, 2016. Eurosurveillance, 2017, 22, .	3.9	31
99	Kinetics of AMPA-type glutamate receptor channels in rat caudate-putamen neurones show a wide range of desensitization but distinct recovery characteristics. European Journal of Neuroscience, 1998, 10, 664-672.	1.2	30
100	Quantification of gait changes in subjects with visual height intolerance when exposed to heights. Frontiers in Human Neuroscience, 2014, 8, 963.	1.0	30
101	Moving and being moved: Differences in cerebral activation during recollection of whole-body motion. Behavioural Brain Research, 2012, 227, 21-29.	1.2	29
102	Vestibular Migraine in Children and Adolescents. Current Pain and Headache Reports, 2016, 20, 67.	1.3	29
103	The Subjective Postural Vertical Determined in Patients with Pusher Behavior During Standing. Topics in Stroke Rehabilitation, 2016, 23, 184-190.	1.0	29
104	Modern machine-learning can support diagnostic differentiation of central and peripheral acute vestibular disorders. Journal of Neurology, 2020, 267, 143-152.	1.8	29
105	Fall prediction in neurological gait disorders: differential contributions from clinical assessment, gait analysis, and daily-life mobility monitoring. Journal of Neurology, 2021, 268, 3421-3434.	1.8	29
106	Vertical oscillopsia in bilateral superior canal dehiscence syndrome. Neurology, 2004, 62, 784-787.	1.5	27
107	Treatment with 4-aminopyridine improves upper limb tremor of a patient with multiple sclerosis: a video case report. Multiple Sclerosis Journal, 2013, 19, 506-508.	1.4	27
108	Molecular modulation of recombinant rat $\alpha 1\alpha 2\alpha 3$ GABAA receptor channels by diazepam. Neuroscience Letters, 1998, 256, 143-146.	1.0	26

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109	IgG from patients with Guillain-Barré syndrome interact with nicotinic acetylcholine receptor channels. <i>Muscle and Nerve</i> , 2003, 27, 435-441.	1.0	26
110	Vertigo and balance in children - Diagnostic approach and insights from imaging. <i>European Journal of Paediatric Neurology</i> , 2011, 15, 289-294.	0.7	26
111	Vestibular paroxysmia in children: a treatable cause of short vertigo attacks. <i>Developmental Medicine and Child Neurology</i> , 2015, 57, 393-396.	1.1	26
112	Head-Movement-Emphasized Rehabilitation in Bilateral Vestibulopathy. <i>Frontiers in Neurology</i> , 2018, 9, 562.	1.1	26
113	Noisy Galvanic Vestibular Stimulation Primarily Affects Otolith-Mediated Motion Perception. <i>Neuroscience</i> , 2019, 399, 161-166.	1.1	26
114	Vestibular rehabilitation in Europe: a survey of clinical and research practice. <i>Journal of Neurology</i> , 2020, 267, 24-35.	1.8	26
115	No evidence for after-effects of noisy galvanic vestibular stimulation on motion perception. <i>Scientific Reports</i> , 2020, 10, 2545.	1.6	26
116	Bilateral vestibulopathy causes selective deficits in recombining novel routes in real space. <i>Scientific Reports</i> , 2021, 11, 2695.	1.6	26
117	Experience in a short-term trial with 4-Aminopyridine in cerebellar ataxia. <i>Journal of Neurology</i> , 2013, 260, 2175-2176.	1.8	25
118	The subjective postural vertical in standing: Reliability and normative data for healthy subjects. <i>Attention, Perception, and Psychophysics</i> , 2015, 77, 953-960.	0.7	25
119	Quality of life after traumatic brain injury: a cross-sectional analysis uncovers age- and sex-related differences over the adult life span. <i>GeroScience</i> , 2021, 43, 263-278.	2.1	25
120	Mechanism of block of nicotinic acetylcholine receptor channels by purified IgG from seropositive patients with myasthenia gravis. <i>Neurology</i> , 2000, 54, 474-474.	1.5	24
121	Botulinum Toxin Type A and B for the Reduction of Hypersalivation in Children with Neurological Disorders: A Focus on Effectiveness and Therapy Adherence. <i>Neuropediatrics</i> , 2012, 43, 027-036.	0.3	24
122	Real-space navigation testing differentiates between amyloid-positive and -negative aMCI. <i>Neurology</i> , 2020, 94, e861-e873.	1.5	24
123	Molecular mechanisms of interaction between the neuroprotective substance riluzole and GABAA-receptors. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2008, 378, 53-63.	1.4	22
124	Inconsistent classification of pusher behaviour in stroke patients: a direct comparison of the Scale for Contraversive Pushing and the Burke Lateropulsion Scale. <i>Clinical Rehabilitation</i> , 2014, 28, 696-703.	1.0	22
125	Period Prevalence of Dizziness and Vertigo in Adolescents. <i>PLoS ONE</i> , 2015, 10, e0136512.	1.1	22
126	Balance and mobility in geriatric patients. <i>Zeitschrift Fur Gerontologie Und Geriatrie</i> , 2019, 52, 316-323.	0.8	22

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127	Anterior canal failure: ocular torsion without perceptual tilt due to preserved otolith function. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2003, 74, 1336-1338.	0.9	21
128	Another adverse effect of aspirin: bilateral vestibulopathy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2003, 74, 691-691.	0.9	21
129	Optimized surgical treatment for normal pressure hydrocephalus: comparison between gravitational and differential pressure valves. <i>Acta Neurochirurgica</i> , 2015, 157, 703-709.	0.9	21
130	The Gait Disorder in Downbeat Nystagmus Syndrome. <i>PLoS ONE</i> , 2014, 9, e105463.	1.1	21
131	The effect of nicotine on perceptual, ocular motor, postural, and vegetative functions at rest and in motion. <i>Journal of Neurology</i> , 2007, 254, 1689-1697.	1.8	20
132	Vertigo and dizziness in adolescents: Risk factors and their population attributable risk. <i>PLoS ONE</i> , 2017, 12, e0187819.	1.1	20
133	Eccentric eye and head positions in darkness induce deviation from the intended path. <i>Experimental Brain Research</i> , 2006, 174, 152-157.	0.7	19
134	Head impulses in complete bilateral vestibular loss: Catch-up saccades require visual input. <i>Neurology</i> , 2013, 81, 688-690.	1.5	19
135	Both actual and imagined locomotion suppress spontaneous vestibular nystagmus. <i>NeuroReport</i> , 2002, 13, 2125-2128.	0.6	18
136	The Effect of Dual Tasks in Locomotor Path Integration. <i>Annals of the New York Academy of Sciences</i> , 2009, 1164, 201-205.	1.8	18
137	Vertigo and dizziness in children. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2016, 137, 353-363.	1.0	18
138	Health-related quality of life and functional impairment in acute vestibular disorders. <i>European Journal of Neurology</i> , 2020, 27, 2089-2098.	1.7	18
139	Glutamate receptor editing in the mammalian hippocampus and avian neurons. <i>Molecular Brain Research</i> , 1997, 48, 37-44.	2.5	17
140	Activation kinetics and single channel properties of recombinant $\alpha 1\beta 2\gamma 2L$ GABAA receptor channels. <i>NeuroReport</i> , 1997, 8, 3443-3446.	0.6	16
141	Deactivation and desensitization of mouse embryonic- and adult-type nicotinic receptor channel currents. <i>Neuroscience Letters</i> , 2001, 307, 89-92.	1.0	16
142	Calretinin as a Marker for Premotor Neurons Involved in Upgaze in Human Brainstem. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 153.	0.9	16
143	Opioid-Induced Nausea Involves a Vestibular Problem Preventable by Head-Rest. <i>PLoS ONE</i> , 2015, 10, e0135263.	1.1	16
144	Distribution of desensitization time constants of mouse embryonic-like nicotinic and homomeric GLUR6 glutamate receptor channels. <i>Neuroscience Letters</i> , 1997, 221, 173-176.	1.0	15

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145	Subjective body vertical: a promising diagnostic tool in idiopathic normal pressure hydrocephalus?. <i>Journal of Neurology</i> , 2016, 263, 1819-1827.	1.8	15
146	Oropharyngeal Tularemia from Freshly Pressed Grape Must. <i>New England Journal of Medicine</i> , 2018, 379, 197-199.	13.9	15
147	A Prospective Analysis of Lesion-Symptom Relationships in Acute Vestibular and Ocular Motor Stroke. <i>Frontiers in Neurology</i> , 2020, 11, 822.	1.1	15
148	Patch clamp study of histamine activated potassium currents on rabbit olfactory bulb neurons. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1995, 352, 386-93.	1.4	13
149	Recent advances in the diagnosis and treatment of balance disorders. <i>Journal of Neurology</i> , 2011, 258, 2305-2308.	1.8	13
150	Vestibular rehabilitation therapy and Nintendo Wii balance board training both improve postural control in bilateral vestibulopathy. <i>Journal of Neurology</i> , 2018, 265, 70-73.	1.8	13
151	Torsional Eye Movement Responses to Monaural and Binaural Galvanic Vestibular Stimulation: Side-to-Side Asymmetries. <i>Annals of the New York Academy of Sciences</i> , 2003, 1004, 485-489.	1.8	12
152	Patterns of optimization in single- and inter-leg gait dynamics. <i>Gait and Posture</i> , 2014, 39, 733-738.	0.6	12
153	A new cutoff score for the Burke Lateropulsion Scale improves validity in the classification of pusher behavior in subacute stroke patients. <i>Gait and Posture</i> , 2019, 68, 514-517.	0.6	12
154	Clinical and video head impulses: a simple bedside test in children. <i>Journal of Neurology</i> , 2017, 264, 1002-1004.	1.8	11
155	Gait variability predicts a subset of falls in cerebellar gait disorders. <i>Journal of Neurology</i> , 2017, 264, 2322-2324.	1.8	11
156	Protocol for a prospective interventional trial to develop a diagnostic index test for stroke as a cause of vertigo, dizziness and imbalance in the emergency room (EMVERT study). <i>BMJ Open</i> , 2017, 7, e019073.	0.8	11
157	Influence of foot position on static and dynamic standing balance in healthy young adults. <i>Hearing, Balance and Communication</i> , 2018, 16, 208-214.	0.1	11
158	Decompressive Craniectomy Is Associated With Good Quality of Life Up to 10 Years After Rehabilitation From Traumatic Brain Injury. <i>Critical Care Medicine</i> , 2020, 48, 1157-1164.	0.4	11
159	Upbeat nystagmus as the initial clinical sign of Creutzfeldt-Jakob disease. <i>Annals of Neurology</i> , 2005, 57, 607-608.	2.8	10
160	The influence of cholesterol on the motility of cochlear outer hair cells and the motor protein prestin. <i>Acta Oto-Laryngologica</i> , 2009, 129, 929-934.	0.3	10
161	Health-Related Quality of Life of Children/Adolescents with Vertigo: Retrospective Study from the German Center of Vertigo and Balance Disorders. <i>Neuropediatrics</i> , 2017, 48, 091-097.	0.3	10
162	Neurogeriatrics – a vision for improved care and research for geriatric patients with predominating neurological disabilities. <i>Zeitschrift Fur Gerontologie Und Geriatrie</i> , 2020, 53, 340-346.	0.8	10

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163	Gait deviations induced by visual stimulation in roll. <i>Experimental Brain Research</i> , 2008, 185, 21-26.	0.7	9
164	Improvement of Apraxia With Augmented Reality: Influencing Pantomime of Tool Use via Holographic Cues. <i>Frontiers in Neurology</i> , 2021, 12, 711900.	1.1	8
165	The impact of visuospatial perception on distance judgment and depth perception in an Augmented Reality environment in patients after stroke: an exploratory study. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2021, 18, 127.	2.4	8
166	Combining vestibular rehabilitation with noisy galvanic vestibular stimulation for treatment of bilateral vestibulopathy. <i>Journal of Neurology</i> , 2022, 269, 5731-5737.	1.8	8
167	Analysis of a slow desensitized state of recombinant adult-type nicotinic acetylcholine receptor channels. <i>European Journal of Neuroscience</i> , 2002, 16, 652-658.	1.2	7
168	Institutional profile: Integrated center for research and treatment of vertigo, balance and ocular motor disorders. <i>Restorative Neurology and Neuroscience</i> , 2010, 28, 135-143.	0.4	7
169	Reversible cerebral vasoconstriction syndrome with concurrent bilateral carotid artery dissection. <i>Cephalalgia</i> , 2013, 33, 491-495.	1.8	7
170	Accelerometric Trunk Sensors to Detect Changes of Body Positions in Immobile Patients. <i>Sensors</i> , 2018, 18, 3272.	2.1	7
171	Independent domains of daily mobility in patients with neurological gait disorders. <i>Journal of Neurology</i> , 2020, 267, 292-300.	1.8	7
172	Decreased Craniocervical CSF Flow in Patients with Normal Pressure Hydrocephalus: A Pilot Study. <i>American Journal of Neuroradiology</i> , 2022, 43, 230-237.	1.2	7
173	Hemihypomimia in Parkinson's Disease. <i>European Neurology</i> , 2005, 53, 92-92.	0.6	6
174	Vestibular Cortex Activation during Locomotor Imagery in the Blind. <i>Annals of the New York Academy of Sciences</i> , 2009, 1164, 350-352.	1.8	6
175	Telling friend from foe in emergency vertigo and dizziness: does season and daytime of presentation help in the differential diagnosis?. <i>Journal of Neurology</i> , 2020, 267, 118-125.	1.8	6
176	Intracranial hypotension syndrome due to duropleural fistula after thoracic diskectomy. <i>Journal of Neurology</i> , 2001, 248, 1101-1103.	1.8	5
177	Driving Dreams. <i>Annals of the New York Academy of Sciences</i> , 2009, 1164, 372-375.	1.8	5
178	Vestibular rehabilitation therapy in Europe: chances and challenges. <i>Journal of Neurology</i> , 2019, 266, 9-10.	1.8	5
179	Perception of postural verticality in roll and pitch while sitting and standing in healthy subjects. <i>Neuroscience Letters</i> , 2020, 730, 135055.	1.0	5
180	Torsional eye movement responses to monaural and binaural galvanic vestibular stimulation: side-to-side asymmetries. <i>Annals of the New York Academy of Sciences</i> , 2003, 1004, 485-9.	1.8	5

#	ARTICLE	IF	CITATIONS
181	Pulse-synchronous rotational and vertical pendular eye movements in superior canal dehiscence syndrome. <i>European Journal of Neurology</i> , 2007, 14, e29-e29.	1.7	4
182	Current state of diagnostic management of acute vertigo: a survey of neurologists in Germany. <i>Journal of Neurology</i> , 2014, 261, 1638-1640.	1.8	4
183	Resting in darkness improves downbeat nystagmus: evidence from an observational study. <i>Annals of the New York Academy of Sciences</i> , 2016, 1375, 66-73.	1.8	4
184	Negligible import of enteric pathogens by newly arrived asylum seekers and no impact on incidence of notified Salmonella and Shigella infections and outbreaks in Rhineland-Palatinate, Germany, January 2015 to May 2016. <i>Eurosurveillance</i> , 2018, 23, .	3.9	4
185	The scale for retropulsion: Internal consistency, reliability and construct validity. <i>Annals of Physical and Rehabilitation Medicine</i> , 2022, 65, 101537.	1.1	4
186	Subliminal conditioning of vestibular perception generalizes within otolith organs. <i>Journal of Neurology</i> , 2022, 269, 5258-5261.	1.8	4
187	Influence of stance width on standing balance in healthy older adults. <i>Journal of Neurology</i> , 2022, 269, 6228-6236.	1.8	4
188	Subpixel tracking for the analysis of outer hair cell movements. <i>Acta Oto-Laryngologica</i> , 2008, 128, 228-232.	0.3	3
189	Bilateral Vestibular Failure as an Early Sign in Creutzfeldtâ€ Jakob Disease. <i>Annals of the New York Academy of Sciences</i> , 2009, 1164, 390-393.	1.8	3
190	Aminopyridine Treatment in a Patient With Bilateral Vestibular Failure and Cryptogenic Downbeat Nystagmus. <i>Journal of Neuro-Ophthalmology</i> , 2012, 32, 190.	0.4	3
191	Rehabilitation of verticality perception using a new training method. <i>Journal of Neurology</i> , 2017, 264, 26-27.	1.8	3
192	No Benefit of a Pediatric Screening in Discovering Reduced Visual Acuity in Children: Experiences from a Cross-Sectional Study in Germany. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3419.	1.2	3
193	Development of a complex intervention to improve mobility and participation of older people with vertigo, dizziness and balance disorders in primary care: a mixed methods study. <i>BMC Family Practice</i> , 2021, 22, 89.	2.9	3
194	Vestibular and Somatosensory Cortex Deactivation during Imagined Locomotion: A Functional Magnetic Resonance Imaging Study. <i>Annals of the New York Academy of Sciences</i> , 2003, 1004, 469-472.	1.8	3
195	Preventing opioid-induced nausea and vomiting: Rest your head and close your eyes?. <i>PLoS ONE</i> , 2017, 12, e0173925.	1.1	3
196	Postural Control Mechanisms in Mammals, Including Humans. , 2020, , 344-370.		3
197	Influence of footwear on postural sway: A systematic review and meta-analysis on barefoot and shod bipedal static posturography in patients and healthy subjects. <i>Gait and Posture</i> , 2022, 92, 302-314.	0.6	3
198	Tempo-spatial gait adaptations in stroke patients when approaching and crossing an elevated surface. <i>Gait and Posture</i> , 2019, 73, 279-285.	0.6	2

#	ARTICLE	IF	CITATIONS
199	Multi-Variate Gait Data Analysis: Comparison Between Healthy Adults of Different Age Groups. Journal of Neuroscience and Neuroengineering, 2013, 2, 542-549.	0.2	2
200	Torsional Eye Movement Responses to Monaural and Binaural Galvanic Vestibular Stimulation: Side-to-Side Asymmetries. Annals of the New York Academy of Sciences, 2003, 1004, 485-489.	1.8	2
201	Vestibular and Somatosensory Cortex Deactivation during Imagined Locomotion: A Functional Magnetic Resonance Imaging Study. Annals of the New York Academy of Sciences, 2003, 1004, 469-472.	1.8	1
202	Superficial cerebral and spinal haemosiderosis caused by secondary tethered cord syndrome after resection of a spinal lymphoma. Journal of Neurology, Neurosurgery and Psychiatry, 2006, 78, 767-768.	0.9	1
203	A young man with symptomatic epilepsy and right hemianopia. Neurology, 2012, 79, 2008-2009.	1.5	1
204	Lateropulsion in Wallenberg's Syndrome Decreases with Increasing Locomotion Speed. Annals of the New York Academy of Sciences, 2003, 1004, 521-523.	1.8	1
205	Schwindel bei Kindern. , 2014, , 131-144.		1
206	O 077 - Walking across the street: Gait adaptations in stroke patients when approaching an elevated surface. Gait and Posture, 2018, 65, 158-160.	0.6	0
207	Comparison of two methods based on one psychophysical paradigm to measure the subjective postural vertical in standing. Neuroscience Letters, 2021, 742, 135541.	1.0	0
208	In Reply. Deutsches Ärztblatt International, 2016, 113, 59-60.	0.6	0
209	Schwindel. , 2019, , 139-156.		0
210	Decompressive Craniectomy is Associated with Improved Quality of Life Up to Ten Years After Rehabilitation from Traumatic Brain Injury. SSRN Electronic Journal, 0, , .	0.4	0