

Roman Schniepp

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,201
citations

172457

29
h-index

233421

45
g-index

55
all docs

55
docs citations

55
times ranked

1964
citing authors

#	ARTICLE	IF	CITATIONS
1	Locomotion speed determines gait variability in cerebellar ataxia and vestibular failure. <i>Movement Disorders</i> , 2012, 27, 125-131.	3.9	150
2	Noisy vestibular stimulation improves dynamic walking stability in bilateral vestibulopathy. <i>Neurology</i> , 2016, 86, 2196-2202.	1.1	111
3	Increased gait variability is associated with the history of falls in patients with cerebellar ataxia. <i>Journal of Neurology</i> , 2014, 261, 213-223.	3.6	107
4	Regulation of the glutamate transporter EAAT1 by the ubiquitin ligase Nedd4-2 and the serum and glucocorticoid-inducible kinase isoforms SGK1/3 and protein kinase B. <i>Journal of Neurochemistry</i> , 2003, 86, 1181-1188.	3.9	102
5	Sensory loss and walking speed related factors for gait alterations in patients with peripheral neuropathy. <i>Gait and Posture</i> , 2014, 39, 852-858.	1.4	101
6	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.	2.0	98
7	Post-translational regulation of EAAT2 function by co-expressed ubiquitin ligase Nedd4-2 is impacted by SGK kinases. <i>Journal of Neurochemistry</i> , 2006, 97, 911-921.	3.9	89
8	Gait Disturbances in Old Age. <i>Deutsches A&#x0308;rztblatt International</i> , 2010, 107, 306-15; quiz 316.	0.9	89
9	Noisy galvanic vestibular stimulation: an emerging treatment option for bilateral vestibulopathy. <i>Journal of Neurology</i> , 2017, 264, 81-86.	3.6	69
10	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.	3.6	68
11	Aminopyridines for the treatment of neurologic disorders. <i>Neurology: Clinical Practice</i> , 2017, 7, 65-76.	1.6	68
12	Dizziness and Unstable Gait in Old Age. <i>Deutsches A&#x0308;rztblatt International</i> , 2015, 112, 387-93.	0.9	61
13	Clinical and neurophysiological risk factors for falls in patients with bilateral vestibulopathy. <i>Journal of Neurology</i> , 2017, 264, 277-283.	3.6	61
14	Automated classification of neurological disorders of gait using spatio-temporal gait parameters. <i>Journal of Electromyography and Kinesiology</i> , 2015, 25, 413-422.	1.7	60
15	4-Aminopyridine and cerebellar gait: a retrospective case series. <i>Journal of Neurology</i> , 2012, 259, 2491-2493.	3.6	58
16	Distracting attention in phobic postural vertigo normalizes leg muscle activity and balance. <i>Neurology</i> , 2017, 88, 284-288.	1.1	53
17	Retinal Colocalization and In Vitro Interaction of the Glutamate Receptor EAAT3 and the Serum- and Glucocorticoid-Inducible Kinase SGK1. <i>Investigative Ophthalmology and Visual Science</i> , 2004, 45, 1442-1449.	3.3	52
18	Gait ataxia in humans: vestibular and cerebellar control of dynamic stability. <i>Journal of Neurology</i> , 2017, 264, 87-92.	3.6	51

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19	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.	2.3	49
20	Effect of chlorzoxazone in patients with downbeat nystagmus. <i>Neurology</i> , 2013, 81, 1152-1158.	1.1	47
21	The interrelationship between disease severity, dynamic stability, and falls in cerebellar ataxia. <i>Journal of Neurology</i> , 2016, 263, 1409-1417.	3.6	46
22	Walking assessment after lumbar puncture in normal-pressure hydrocephalus: a delayed improvement over 3 days. <i>Journal of Neurosurgery</i> , 2017, 126, 148-157.	1.6	45
23	4-Aminopyridine improves gait variability in cerebellar ataxia due to CACNA 1A mutation. <i>Journal of Neurology</i> , 2011, 258, 1708-1711.	3.6	39
24	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
25	Regulation of the excitatory amino acid transporter EAAT5 by the serum and glucocorticoid dependent kinases SGK1 and SGK3. <i>Biochemical and Biophysical Research Communications</i> , 2005, 329, 738-742.	2.1	34
26	Dalfampridine in patients with downbeat nystagmus—an observational study. <i>Journal of Neurology</i> , 2013, 260, 1992-1996.	3.6	34
27	Balance control and anti-gravity muscle activity during the experience of fear at heights. <i>Physiological Reports</i> , 2014, 2, e00232.	1.7	34
28	Gait analysis in PSP and NPH. <i>Neurology</i> , 2018, 90, e1021-e1028.	1.1	34
29	Acrophobia impairs visual exploration and balance during standing and walking. <i>Annals of the New York Academy of Sciences</i> , 2015, 1343, 37-48.	3.8	33
30	Clinical and automated gait analysis in patients with vestibular, cerebellar, and functional gait disorders: perspectives and limitations. <i>Journal of Neurology</i> , 2019, 266, 118-122.	3.6	33
31	Nonlinear Variability of Body Sway in Patients with Phobic Postural Vertigo. <i>Frontiers in Neurology</i> , 2013, 4, 115.	2.4	31
32	Quantification of gait changes in subjects with visual height intolerance when exposed to heights. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 963.	2.0	30
33	Fall prediction in neurological gait disorders: differential contributions from clinical assessment, gait analysis, and daily-life mobility monitoring. <i>Journal of Neurology</i> , 2021, 268, 3421-3434.	3.6	29
34	Treatment with 4-aminopyridine improves upper limb tremor of a patient with multiple sclerosis: a video case report. <i>Multiple Sclerosis Journal</i> , 2013, 19, 506-508.	3.0	27
35	Update on the Pharmacotherapy of Cerebellar Ataxia and Nystagmus. <i>Cerebellum</i> , 2016, 15, 38-42.	2.5	26
36	The Gait Disorder in Downbeat Nystagmus Syndrome. <i>PLoS ONE</i> , 2014, 9, e105463.	2.5	21

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37	Minor gait impairment despite white matter damage in pure small vessel disease. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 2026-2036.	3.7	17
38	Cerebellar Dizziness and Vertigo: Etiologies, Diagnostic Assessment, and Treatment. <i>Seminars in Neurology</i> , 2020, 40, 087-096.	1.4	17
39	PI3 Kinase Dependent Stimulation of Gastric Acid Secretion by Dexamethasone. <i>Cellular Physiology and Biochemistry</i> , 2007, 20, 527-534.	1.6	14
40	Patterns of optimization in single- and inter-leg gait dynamics. <i>Gait and Posture</i> , 2014, 39, 733-738.	1.4	12
41	Gait variability predicts a subset of falls in cerebellar gait disorders. <i>Journal of Neurology</i> , 2017, 264, 2322-2324.	3.6	11
42	Low-Dose versus Therapeutic Range Intravenous Unfractionated Heparin Prophylaxis in the Treatment of Patients with Severe Aneurysmal Subarachnoid Hemorrhage After Aneurysm Occlusion. <i>World Neurosurgery</i> , 2018, 117, e705-e711.	1.3	10
43	Accelerometric Trunk Sensors to Detect Changes of Body Positions in Immobile Patients. <i>Sensors</i> , 2018, 18, 3272.	3.8	7
44	Key gait findings for diagnosing three syndromic categories of dynamic instability in patients with balance disorders. <i>Journal of Neurology</i> , 2020, 267, 301-308.	3.6	7
45	Decreased Craniocervical CSF Flow in Patients with Normal Pressure Hydrocephalus: A Pilot Study. <i>American Journal of Neuroradiology</i> , 2022, 43, 230-237.	2.4	7
46	Multimodal Mobility Assessment Predicts Fall Frequency and Severity in Cerebellar Ataxia. <i>Cerebellum</i> , 2023, 22, 85-95.	2.5	6
47	The gait disorder in primary orthostatic tremor. <i>Journal of Neurology</i> , 2020, 267, 285-291.	3.6	4
48	Downbeat nystagmus becomes attenuated during walking compared to standing. <i>Journal of Neurology</i> , 2022, 269, 6222-6227.	3.6	3
49	Multi-Variate Gait Data Analysis: Comparison Between Healthy Adults of Different Age Groups. <i>Journal of Neuroscience and Neuroengineering</i> , 2013, 2, 542-549.	0.2	2
50	Teaching Video Neuro Images: Oculo-riorius phenomenon. <i>Neurology</i> , 2011, 76, e42.	1.1	1