

Rebecca J St George

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

2,272
citations

304743

22
h-index

434195

31
g-index

33
all docs

33
docs citations

33
times ranked

2931
citing authors

#	ARTICLE	IF	CITATIONS
1	Balance disorders in the elderly. <i>Neurophysiologie Clinique</i> , 2008, 38, 467-478.	2.2	429
2	Walking stability and sensorimotor function in older people with diabetic peripheral neuropathy. <i>Archives of Physical Medicine and Rehabilitation</i> , 2004, 85, 245-252.	0.9	307
3	A meta-regression of the long-term effects of deep brain stimulation on balance and gait in PD. <i>Neurology</i> , 2010, 75, 1292-1299.	1.1	256
4	Body-worn motion sensors detect balance and gait deficits in people with multiple sclerosis who have normal walking speed. <i>Gait and Posture</i> , 2012, 35, 573-578.	1.4	245
5	Accelerometry Reveals Differences in Gait Variability Between Patients with Multiple Sclerosis and Healthy Controls. <i>Annals of Biomedical Engineering</i> , 2013, 41, 1670-1679.	2.5	90
6	The sense of self-motion, orientation and balance explored by vestibular stimulation. <i>Journal of Physiology</i> , 2011, 589, 807-813.	2.9	80
7	The effects of subthalamic and pallidal deep brain stimulation on postural responses in patients with Parkinson disease. <i>Journal of Neurosurgery</i> , 2012, 116, 1347-1356.	1.6	79
8	Choice Stepping Response and Transfer Times: Effects of Age, Fall Risk, and Secondary Tasks. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2007, 62, 537-542.	3.6	75
9	A consensus guide to using functional near-infrared spectroscopy in posture and gait research. <i>Gait and Posture</i> , 2020, 82, 254-265.	1.4	75
10	Mobility training after hip fracture: a randomised controlled trial. <i>Age and Ageing</i> , 2008, 38, 74-80.	1.6	71
11	Preparation for Compensatory Forward Stepping in Parkinson's Disease. <i>Archives of Physical Medicine and Rehabilitation</i> , 2010, 91, 1332-1338.	0.9	63
12	Sleep Quality and Falls in Older People Living in Self- and Assisted-Care Villages. <i>Gerontology</i> , 2009, 55, 162-168.	2.8	48
13	Postural Response Latencies Are Related to Balance Control During Standing and Walking in Patients With Multiple Sclerosis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2014, 95, 1390-1397.	0.9	48
14	Adaptation of vestibular signals for self-motion perception. <i>Journal of Physiology</i> , 2011, 589, 843-853.	2.9	47
15	Impaired Depth Perception and Restricted Pitch Head Movement Increase Obstacle Contacts When Dual-Tasking in Older People. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010, 65A, 751-757.	3.6	41
16	The effect of deep brain stimulation randomized by site on balance in Parkinson's disease. <i>Movement Disorders</i> , 2014, 29, 949-953.	3.9	39
17	Effects of Spatial and Nonspatial Memory Tasks on Choice Stepping Reaction Time in Older People. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2008, 63, 1063-1068.	3.6	36
18	Site of deep brain stimulation and jaw velocity in Parkinson disease. <i>Journal of Neurosurgery</i> , 2011, 115, 985-994.	1.6	35

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19	Maintaining balance against force perturbations: impaired mechanisms unresponsive to levodopa in Parkinson's disease. <i>Journal of Neurophysiology</i> , 2016, 116, 493-502.	1.8	33
20	Functional Near-infrared Spectroscopy Reveals the Compensatory Potential of Pre-frontal Cortical Activity for Standing Balance in Young and Older Adults. <i>Neuroscience</i> , 2021, 452, 208-218.	2.3	29
21	Compensatory stepping in Parkinson's disease is still a problem after deep brain stimulation randomized to STN or GPI. <i>Journal of Neurophysiology</i> , 2015, 114, 1417-1423.	1.8	28
22	Older People Contact More Obstacles When Wearing Multifocal Glasses and Performing a Secondary Visual Task. <i>Journal of the American Geriatrics Society</i> , 2009, 57, 1833-1838.	2.6	24
23	The effects of water exercise on physical functioning in older people. <i>Australasian Journal on Ageing</i> , 2006, 25, 36-41.	0.9	23
24	Perception of the Postural Vertical and Falls in Older People. <i>Gerontology</i> , 2012, 58, 497-503.	2.8	22
25	Trunk Orientation, Stability, and Quadrupedalism. <i>Frontiers in Neurology</i> , 2013, 4, 20.	2.4	20
26	Cognitive inhibition tasks interfere with dual-task walking and increase prefrontal cortical activity more than working memory tasks in young and older adults. <i>Gait and Posture</i> , 2022, 95, 186-191.	1.4	12
27	The TAS Test project: a prospective longitudinal validation of new online motor-cognitive tests to detect preclinical Alzheimer's disease and estimate 5-year risks of cognitive decline and dementia. <i>BMC Neurology</i> , 2022, 22, .	1.8	8
28	Case Studies in Neuroscience: A dissociation of balance and posture demonstrated by camptocormia. <i>Journal of Neurophysiology</i> , 2018, 119, 33-38.	1.8	4
29	Significant cognitive decline in Parkinson's disease exacerbates the reliance on visual feedback during upper limb reaches. <i>Neuropsychologia</i> , 2021, 157, 107885.	1.6	2
30	New horizons in late-onset essential tremor: a pre-cognitive biomarker of dementia?. <i>Age and Ageing</i> , 2022, 51, .	1.6	2
31	Visual field motion during a body pull affects compensatory standing and stepping responses. <i>Journal of Physiology</i> , 2020, 598, 1929-1941.	2.9	1
32	Stepping in circles: how locomotor signals of rotation adapt over time. <i>Journal of Physiology</i> , 2020, 598, 2125-2136.	2.9	0