

# Chris J Dakin

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

991  
citations

516710

16  
h-index

454955

30  
g-index

38  
all docs

38  
docs citations

38  
times ranked

712  
citing authors

#	ARTICLE	IF	CITATIONS
1	Startle produces early response latencies that are distinct from stimulus intensity effects. <i>Experimental Brain Research</i> , 2007, 176, 199-205.	1.5	118
2	Frequency response of human vestibular reflexes characterized by stochastic stimuli. <i>Journal of Physiology</i> , 2007, 583, 1117-1127.	2.9	96
3	Absence of lateral gastrocnemius activity and differential motor unit behavior in soleus and medial gastrocnemius during standing balance. <i>Journal of Applied Physiology</i> , 2014, 116, 140-148.	2.5	82
4	Frequency-Specific Modulation of Vestibular-Evoked Sway Responses in Humans. <i>Journal of Neurophysiology</i> , 2010, 103, 1048-1056.	1.8	73
5	Muscle-specific modulation of vestibular reflexes with increased locomotor velocity and cadence. <i>Journal of Neurophysiology</i> , 2013, 110, 86-94.	1.8	58
6	Lack of otolith involvement in balance responses evoked by mastoid electrical stimulation. <i>Journal of Physiology</i> , 2010, 588, 4441-4451.	2.9	56
7	Modulation of human vestibular reflexes with increased postural threat. <i>Journal of Physiology</i> , 2014, 592, 3671-3685.	2.9	55
8	Frequency response of vestibular reflexes in neck, back, and lower limb muscles. <i>Journal of Neurophysiology</i> , 2013, 110, 1869-1881.	1.8	44
9	Gravity estimation and verticality perception. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 159, 43-59.	1.8	41
10	Extracting phase-dependent human vestibular reflexes during locomotion using both time and frequency correlation approaches. <i>Journal of Applied Physiology</i> , 2011, 111, 1484-1490.	2.5	39
11	Rapid limb-specific modulation of vestibular contributions to ankle muscle activity during locomotion. <i>Journal of Physiology</i> , 2017, 595, 2175-2195.	2.9	34
12	Startle reveals an absence of advance motor programming in a Go/No-go task. <i>Neuroscience Letters</i> , 2008, 434, 61-65.	2.1	33
13	Rectification is required to extract oscillatory envelope modulation from surface electromyographic signals. <i>Journal of Neurophysiology</i> , 2014, 112, 1685-1691.	1.8	30
14	Cerebellar Degeneration Increases Visual Influence on Dynamic Estimates of Verticality. <i>Current Biology</i> , 2018, 28, 3589-3598.e3.	3.9	25
15	Short and medium latency muscle responses evoked by electrical vestibular stimulation are a composite of all stimulus frequencies. <i>Experimental Brain Research</i> , 2011, 209, 345-354.	1.5	24
16	Vestibular contribution to balance control in the medial gastrocnemius and soleus. <i>Journal of Neurophysiology</i> , 2016, 115, 1289-1297.	1.8	23
17	Virtual signals of head rotation induce gravity-dependent inferences of linear acceleration. <i>Journal of Physiology</i> , 2019, 597, 5231-5246.	2.9	22
18	Forecast or Fall: Prediction's Importance to Postural Control. <i>Frontiers in Neurology</i> , 2018, 9, 924.	2.4	19

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19	Down regulation of vestibular balance stabilizing mechanisms to enable transition between motor states. <i>ELife</i> , 2018, 7, .	6.0	19
20	Electrical Vestibular Stimuli to Enhance Vestibulo-Motor Output and Improve Subject Comfort. <i>PLoS ONE</i> , 2014, 9, e84385.	2.5	16
21	Postural responses explored through classical conditioning. <i>Neuroscience</i> , 2009, 164, 986-997.	2.3	15
22	Promoting Generalized Learning in Balance Recovery Interventions. <i>Brain Sciences</i> , 2021, 11, 402.	2.3	14
23	Which Exercise Interventions Can Most Effectively Improve Reactive Balance in Older Adults? A Systematic Review and Network Meta-Analysis. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 764826.	3.4	12
24	One Step Closer to a Functional Vestibular Prosthesis. <i>Journal of Neuroscience</i> , 2013, 33, 14978-14980.	3.6	9
25	CrossTalk proposal: Fear of falling does influence vestibular-evoked balance responses. <i>Journal of Physiology</i> , 2015, 593, 2979-2981.	2.9	7
26	Vestibular attenuation to random-waveform galvanic vestibular stimulation during standing and treadmill walking. <i>Scientific Reports</i> , 2021, 11, 8127.	3.3	7
27	Pickleball for Inactive Mid-Life and Older Adults in Rural Utah: A Feasibility Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8374.	2.6	7
28	Relationship between Speed of Response Inhibition and Ability to Suppress a Step in Midlife and Older Adults. <i>Brain Sciences</i> , 2021, 11, 643.	2.3	5
29	Variance based weighting of multisensory head rotation signals for verticality perception. <i>PLoS ONE</i> , 2020, 15, e0227040.	2.5	3
30	Comparison of motor skill learning, grip strength and memory recall on land and in chest-deep water. <i>PLoS ONE</i> , 2018, 13, e0202284.	2.5	2
31	Rebuttal from Brian C. Horslen, Christopher J. Dakin, J. Timothy Inglis, Jean-Bastien Blouin and Mark G. Carpenter. <i>Journal of Physiology</i> , 2015, 593, 2985-2985.	2.9	1
32	Absence of Nonlinear Coupling Between Electric Vestibular Stimulation and Evoked Forces During Standing Balance. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 631782.	2.0	1
33	Vestibular vertical: a balancing act between the upper and lower limbs. <i>Journal of Physiology</i> , 2017, 595, 6587-6587.	2.9	0
34	Variance based weighting of multisensory head rotation signals for verticality perception. , 2020, 15, e0227040.		0
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36	Variance based weighting of multisensory head rotation signals for verticality perception. , 2020, 15, e0227040.		0

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37	Variance based weighting of multisensory head rotation signals for verticality perception. , 2020, 15, e0227040.		0