

Brian L Day

List of Publications by Year in descending order

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36
papers

1,004
citations

516561

16
h-index

454834

30
g-index

39
all docs

39
docs citations

39
times ranked

1162
citing authors

#	ARTICLE	IF	CITATIONS
1	Vestibular-evoked postural responses in the absence of somatosensory information. <i>Brain</i> , 2002, 125, 2081-2088.	3.7	128
2	Bilateral Deep Brain Stimulation of the Nucleus Basalis of Meynert for Parkinson Disease Dementia. <i>JAMA Neurology</i> , 2018, 75, 169.	4.5	112
3	The vestibular system. <i>Current Biology</i> , 2005, 15, R583-R586.	1.8	97
4	Virtual head rotation reveals a process of route reconstruction from human vestibular signals. <i>Journal of Physiology</i> , 2005, 567, 591-597.	1.3	83
5	Feedforward versus feedback modulation of human vestibular-evoked balance responses by visual self-motion information. <i>Journal of Physiology</i> , 2007, 582, 153-161.	1.3	60
6	Fast visuomotor processing made faster by sound. <i>Journal of Physiology</i> , 2007, 583, 1107-1115.	1.3	57
7	Adaptation of vestibular signals for self-motion perception. <i>Journal of Physiology</i> , 2011, 589, 843-853.	1.3	47
8	Sensory Interactions for Human Balance Control Revealed by Galvanic Vestibular Stimulation. <i>Advances in Experimental Medicine and Biology</i> , 2002, 508, 129-137.	0.8	44
9	Galvanic vestibular stimulation modulates voluntary movement of the human upper body. <i>Journal of Physiology</i> , 1998, 513, 611-619.	1.3	35
10	Maintaining balance against force perturbations: impaired mechanisms unresponsive to levodopa in Parkinson's disease. <i>Journal of Neurophysiology</i> , 2016, 116, 493-502.	0.9	33
11	Violation of the Craniocentricity Principle for Vestibularly Evoked Balance Responses under Conditions of Anisotropic Stability. <i>Journal of Neuroscience</i> , 2014, 34, 7696-7703.	1.7	30
12	Galvanic vestibular stimulation: new uses for an old tool. <i>Journal of Physiology</i> , 1999, 517, 631-631.	1.3	28
13	Non-linear vector summation of left and right vestibular signals for human balance. <i>Journal of Physiology</i> , 2010, 588, 671-682.	1.3	25
14	Cerebellar Degeneration Increases Visual Influence on Dynamic Estimates of Verticality. <i>Current Biology</i> , 2018, 28, 3589-3598.e3.	1.8	25
15	The human semicircular canal model of galvanic vestibular stimulation. <i>Experimental Brain Research</i> , 2011, 210, 561-568.	0.7	23
16	Training balance with opto-kinetic stimuli in the home: a randomized controlled feasibility study in people with pure cerebellar disease. <i>Clinical Rehabilitation</i> , 2015, 29, 143-153.	1.0	21
17	The Throw-and-Catch Model of Human Gait: Evidence from Coupling of Pre-Step Postural Activity and Step Location. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 635.	1.0	19
18	Vestibular Reafference Shapes Voluntary Movement. <i>Current Biology</i> , 2005, 15, 1390-1394.	1.8	17

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19	Dual processing of visual rotation for bipedal stance control. <i>Journal of Physiology</i> , 2016, 594, 5661-5671.	1.3	16
20	Effect of head pitch and roll orientations on magnetically induced vertigo. <i>Journal of Physiology</i> , 2016, 594, 1051-1067.	1.3	15
21	Reconciling Magnetically Induced Vertigo and Nystagmus. <i>Frontiers in Neurology</i> , 2015, 6, 201.	1.1	14
22	Sensorimotor processing for balance in spinocerebellar ataxia type 6. <i>Movement Disorders</i> , 2015, 30, 1259-1266.	2.2	14
23	Voluntary steps and gait initiation. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2018, 159, 107-118.	1.0	12
24	Chronic Subthalamic Nucleus Stimulation in Parkinson's Disease: Optimal Frequency for Gait Depends on Stimulation Site and Axial Symptoms. <i>Frontiers in Neurology</i> , 2019, 10, 29.	1.1	11
25	Contributions of patient and citizen researchers to "Am I the right way up?" study of balance in posterior cortical atrophy and typical Alzheimer's disease. <i>Dementia</i> , 2018, 17, 1011-1022.	1.0	10
26	Sensory trick efficacy in cervical dystonia is linked to processing of neck proprioception. <i>Parkinsonism and Related Disorders</i> , 2019, 61, 50-56.	1.1	10
27	Altered visual and haptic verticality perception in posterior cortical atrophy and Alzheimer's disease. <i>Journal of Physiology</i> , 2021, 600, 373.	1.3	8
28	Subcortical Visuomotor Control of Human Limb Movement. <i>Advances in Experimental Medicine and Biology</i> , 2014, 826, 55-68.	0.8	6
29	Variance based weighting of multisensory head rotation signals for verticality perception. <i>PLoS ONE</i> , 2020, 15, e0227040.	1.1	3
30	Visual field motion during a body pull affects compensatory standing and stepping responses. <i>Journal of Physiology</i> , 2020, 598, 1929-1941.	1.3	1
31	Stepping in circles: how locomotor signals of rotation adapt over time. <i>Journal of Physiology</i> , 2020, 598, 2125-2136.	1.3	0
32	Improving reaction time with a bang. , 2008, , 23-24.		0
33	Variance based weighting of multisensory head rotation signals for verticality perception. , 2020, 15, e0227040.		0
34	Variance based weighting of multisensory head rotation signals for verticality perception. , 2020, 15, e0227040.		0
35	Variance based weighting of multisensory head rotation signals for verticality perception. , 2020, 15, e0227040.		0
36	Variance based weighting of multisensory head rotation signals for verticality perception. , 2020, 15, e0227040.		0