

Daniel J Goble

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

3,407
citations

136950

32
h-index

144013

57
g-index

63
all docs

63
docs citations

63
times ranked

3310
citing authors

#	ARTICLE	IF	CITATIONS
1	Proprioceptive sensibility in the elderly: Degeneration, functional consequences and plastic-adaptive processes. <i>Neuroscience and Biobehavioral Reviews</i> , 2009, 33, 271-278.	6.1	316
2	Proprioceptive Acuity Assessment Via Joint Position Matching: From Basic Science to General Practice. <i>Physical Therapy</i> , 2010, 90, 1176-1184.	2.4	270
3	Brain Activity during Ankle Proprioceptive Stimulation Predicts Balance Performance in Young and Older Adults. <i>Journal of Neuroscience</i> , 2011, 31, 16344-16352.	3.6	162
4	The biological and behavioral basis of upper limb asymmetries in sensorimotor performance. <i>Neuroscience and Biobehavioral Reviews</i> , 2008, 32, 598-610.	6.1	145
5	Motor Learning with Augmented Feedback: Modality-Dependent Behavioral and Neural Consequences. <i>Cerebral Cortex</i> , 2011, 21, 1283-1294.	2.9	142
6	Using the Wii Fit as a tool for balance assessment and neurorehabilitation: the first half decade of "Wii-search". <i>Journal of NeuroEngineering and Rehabilitation</i> , 2014, 11, 12.	4.6	141
7	Upper Limb Asymmetries in the Matching of Proprioceptive Versus Visual Targets. <i>Journal of Neurophysiology</i> , 2008, 99, 3063-3074.	1.8	137
8	Upper limb asymmetries in the utilization of proprioceptive feedback. <i>Experimental Brain Research</i> , 2006, 168, 307-311.	1.5	135
9	The neural control of bimanual movements in the elderly: Brain regions exhibiting age-related increases in activity, frequency-induced neural modulation, and task-specific compensatory recruitment. <i>Human Brain Mapping</i> , 2010, 31, 1281-1295.	3.6	134
10	The neural basis of central proprioceptive processing in older versus younger adults: An important sensory role for right putamen. <i>Human Brain Mapping</i> , 2012, 33, 895-908.	3.6	131
11	Development of upper limb proprioceptive accuracy in children and adolescents. <i>Human Movement Science</i> , 2005, 24, 155-170.	1.4	112
12	Task-dependent asymmetries in the utilization of proprioceptive feedback for goal-directed movement. <i>Experimental Brain Research</i> , 2007, 180, 693-704.	1.5	99
13	Functional Brain Activation Associated with Inhibitory Control Deficits in Older Adults. <i>Cerebral Cortex</i> , 2016, 26, 12-22.	2.9	89
14	Safety, tolerability, pharmacokinetics, and pharmacodynamics of low dose lysergic acid diethylamide (LSD) in healthy older volunteers. <i>Psychopharmacology</i> , 2020, 237, 841-853.	3.1	83
15	Proprioceptive target matching asymmetries in left-handed individuals. <i>Experimental Brain Research</i> , 2009, 197, 403-408.	1.5	78
16	Reduced Basal Ganglia Function When Elderly Switch between Coordinated Movement Patterns. <i>Cerebral Cortex</i> , 2010, 20, 2368-2379.	2.9	77
17	An Alternative to the Balance Error Scoring System. <i>Clinical Journal of Sport Medicine</i> , 2014, 24, 256-262.	1.8	70
18	Age-related changes in brain activation underlying single- and dual-task performance: Visuomanual drawing and mental arithmetic. <i>Neuropsychologia</i> , 2011, 49, 2400-2409.	1.6	69

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19	Deficits in the ability to use proprioceptive feedback in children with hemiplegic cerebral palsy. <i>International Journal of Rehabilitation Research</i> , 2009, 32, 267-269.	1.3	68
20	The influence of horizontal velocity on interlimb symmetry in normal walking. <i>Human Movement Science</i> , 2003, 22, 271-283.	1.4	58
21	Dynamic proprioceptive target matching behavior in the upper limb: Effects of speed, task difficulty and arm/hemisphere asymmetries. <i>Behavioural Brain Research</i> , 2009, 200, 7-14.	2.2	57
22	Validating the BTrackS Balance Plate as a low cost alternative for the measurement of sway-induced center of pressure. <i>Journal of Biomechanics</i> , 2016, 49, 4142-4145.	2.1	53
23	White matter fractional anisotropy predicts balance performance in older adults. <i>Neurobiology of Aging</i> , 2012, 33, 1900-1912.	3.1	52
24	Upper limb asymmetries in the perception of proprioceptively determined dynamic position sense.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2010, 36, 768-775.	0.9	48
25	Ipsilateral coordination at preferred rate: Effects of age, body side and task complexity. <i>NeuroImage</i> , 2009, 47, 1854-1862.	4.2	44
26	Compromised encoding of proprioceptively determined joint angles in older adults: the role of working memory and attentional load. <i>Experimental Brain Research</i> , 2012, 216, 35-40.	1.5	44
27	Proprioceptive acuity predicts muscle co-contraction of the tibialis anterior and gastrocnemius medialis in older adults™ dynamic postural control. <i>Neuroscience</i> , 2016, 322, 251-261.	2.3	44
28	Where was my arm again? Memory-based matching of proprioceptive targets is enhanced by increased target presentation time. <i>Neuroscience Letters</i> , 2010, 481, 54-58.	2.1	43
29	Bimanual Motor Coordination in Older Adults Is Associated with Increased Functional Brain Connectivity – A Graph-Theoretical Analysis. <i>PLoS ONE</i> , 2013, 8, e62133.	2.5	43
30	Shared neural resources between left and right interlimb coordination skills: The neural substrate of abstract motor representations. <i>NeuroImage</i> , 2010, 49, 2570-2580.	4.2	42
31	The Influence of Task Difficulty and Participant Age on Balance Control in ASD. <i>Journal of Autism and Developmental Disorders</i> , 2015, 45, 1419-1427.	2.7	38
32	Wii Fit exer-game training improves sensory weighting and dynamic balance in healthy young adults. <i>Gait and Posture</i> , 2015, 41, 711-715.	1.4	37
33	Postural sway normative data across the adult lifespan: Results from 6280 individuals on the Balance Tracking System balance test. <i>Geriatrics and Gerontology International</i> , 2018, 18, 1225-1229.	1.5	32
34	Normative Data for the BTrackS Balance Test of Postural Sway: Results from 16,357 Community-Dwelling Individuals Who Were 5 to 100 Years Old. <i>Physical Therapy</i> , 2018, 98, 779-785.	2.4	29
35	Leveling the playing field: Evaluation of a portable instrument for quantifying balance performance. <i>Journal of Biomechanics</i> , 2018, 75, 102-107.	2.1	26
36	A point of application study to determine the accuracy, precision and reliability of a low-cost balance plate for center of pressure measurement. <i>Journal of Biomechanics</i> , 2018, 71, 277-280.	2.1	25

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37	The influence of spatial working memory on ipsilateral remembered proprioceptive matching in adults with cerebral palsy. <i>Experimental Brain Research</i> , 2012, 223, 259-269.	1.5	22
38	<p>Normative data for the Balance Tracking System modified Clinical Test of Sensory Integration and Balance protocol</p>. <i>Medical Devices: Evidence and Research</i> , 2019, Volume 12, 183-191.	0.8	22
39	Effects of a Community-Based Exercise Program on Older Adultsâ€™ Physical Function, Activities of Daily Living, and Exercise Self-Efficacy: Feeling Fit Club. <i>Journal of Applied Gerontology</i> , 2020, 39, 40-49.	2.0	22
40	BTrackS Balance Test for Concussion Management is Resistant to Practice Effects. <i>Clinical Journal of Sport Medicine</i> , 2018, 28, 177-179.	1.8	20
41	Combination of BTrackS and Geri-Fit as a targeted approach for assessing and reducing the postural sway of older adults with high fall risk. <i>Clinical Interventions in Aging</i> , 2017, Volume 12, 351-357.	2.9	17
42	AN INITIAL EVALUATION OF THE BTRACKS BALANCE PLATE AND SPORTS BALANCE SOFTWARE FOR CONCUSSION DIAGNOSIS. <i>International Journal of Sports Physical Therapy</i> , 2016, 11, 149-55.	1.3	17
43	The potential for utilizing inter-limb coupling in the rehabilitation of upper limb motor disability due to unilateral brain injury. <i>Disability and Rehabilitation</i> , 2006, 28, 1103-1108.	1.8	13
44	Plastic Changes in Hand Proprioception Following Force-Field Motor Learning. <i>Journal of Neurophysiology</i> , 2010, 104, 1213-1215.	1.8	10
45	Short-duration therapeutic massage reduces postural upper trapezius muscle activity. <i>NeuroReport</i> , 2017, 28, 108-110.	1.2	10
46	Relationship between changes in vestibular sensory reweighting and postural control complexity. <i>Experimental Brain Research</i> , 2017, 235, 547-554.	1.5	10
47	Validity of using reaction time as a basis for determining motor laterality. <i>Journal of Neurophysiology</i> , 2007, 97, 1868-1868.	1.8	9
48	Expanded normative data for the balance tracking system modified clinical test of sensory integration and balance protocol. <i>Medical Devices & Sensors</i> , 2020, 3, e10084.	2.7	9
49	Normative Data for the BTrackS Balance Test Concussion-Management Tool: Results From 10â€™045 Athletes Aged 8 to 21 Years. <i>Journal of Athletic Training</i> , 2019, 54, 439-444.	1.8	8
50	Short-Term Adaptation of Joint Position Sense Occurs during and after Sustained Vibration of Antagonistic Muscle Pairs. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 896.	2.0	6
51	Effects of Fatigue on the BTrackS Balance Test for Concussion Management. <i>International Journal of Athletic Therapy and Training</i> , 2017, 22, 23-28.	0.2	6
52	Impact of Sub-Clinical and Clinical Compression Socks on Postural Stability Tasks among Individuals with Ankle Instability. <i>Healthcare (Switzerland)</i> , 2022, 10, 1271.	2.0	5
53	Balance Declines may Predict Relapse Onset in Multiple Sclerosisâ€™ A Case Study. <i>Journal of Developmental and Physical Disabilities</i> , 2014, 26, 145-150.	1.6	4
54	BTrackS. <i>Home Healthcare Now</i> , 2019, 37, 355-356.	0.2	4

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55	BTrackS limits of stability test is a reliable assessment of volitional dynamic postural control. <i>Gait and Posture</i> , 2020, 80, 298-301.	1.4	4
56	Reply to Dr. Derakhshan. <i>Journal of Neurophysiology</i> , 2008, 100, 3459-3459.	1.8	4
57	Testâ€Retest Reliability of the Balance Tracking System Modified Clinical Test of Sensory Integration and Balance Protocol Across Multiple Time Durations. <i>Medical Devices: Evidence and Research</i> , 2021, Volume 14, 355-361.	0.8	4
58	Aging and Movement ControlThe Neural Basis of Age-related Compensatory Recruitment. , 2010, , 383-413.		2
59	Neuromotor and Neurocognitive Performance in Female American Football Players. <i>Athletic Training & Sports Health Care</i> , 2019, 11, 224-233.	0.4	2
60	Balance Differences between North and South American Older Adults: A Cross-Sectional, Age and Sex Matched Study. <i>Healthcare (Switzerland)</i> , 2022, 10, 499.	2.0	2
61	Upward gaze direction increases center of pressure displacement and decreases squat stability. <i>International Journal of Sports Science and Coaching</i> , 2022, 17, 197-201.	1.4	1
62	Differences in body sway can be identified in Huntington's disease using a practical balance assessment device. <i>Parkinsonism and Related Disorders</i> , 2022, , .	2.2	1
63	On the Nature of Clinical Evaluations With Low Sensitivity for Concussion-Related Balance Deficits. <i>Journal of Sport Rehabilitation</i> , 2018, 27, 197-198.	1.0	0