

# Harsimran S Baweja

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

551  
citations

623734

14  
h-index

642732

23  
g-index

26  
all docs

26  
docs citations

26  
times ranked

476  
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal of visual feedback alters muscle activity and reduces force variability during constant isometric contractions. <i>Experimental Brain Research</i> , 2009, 197, 35-47.	1.5	96
2	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
3	Greater amount of visual feedback decreases force variability by reducing force oscillations from 0 to 1 and 3 to 7 Hz. <i>European Journal of Applied Physiology</i> , 2010, 108, 935-943.	2.5	39
4	Modulation of Force below 1 Hz: Age-Associated Differences and the Effect of Magnified Visual Feedback. <i>PLoS ONE</i> , 2013, 8, e55970.	2.5	37
5	Increased voluntary drive is associated with changes in common oscillations from 13 to 60 Hz of interference but not rectified electromyography. <i>Muscle and Nerve</i> , 2010, 42, 348-354.	2.2	32
6	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
7	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
8	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
9	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
10	Magnified visual feedback exacerbates positional variability in older adults due to altered modulation of the primary agonist muscle. <i>Experimental Brain Research</i> , 2012, 222, 355-364.	1.5	19
11	Processing of visual information compromises the ability of older adults to control novel fine motor tasks. <i>Experimental Brain Research</i> , 2015, 233, 3475-3488.	1.5	19
12	The interaction of respiration and visual feedback on the control of force and neural activation of the agonist muscle. <i>Human Movement Science</i> , 2011, 30, 1022-1038.	1.4	18
13	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
14	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
15	Age-Associated Differences in Positional Variability Are Greater With the Lower Limb. <i>Journal of Motor Behavior</i> , 2011, 43, 357-360.	0.9	15
16	Practice improves motor control in older adults by increasing the motor unit modulation from 13 to 30 Hz. <i>Journal of Neurophysiology</i> , 2013, 110, 2393-2401.	1.8	14
17	Comparison of blood flow restriction devices and their effect on quadriceps muscle activation. <i>Physical Therapy in Sport</i> , 2021, 49, 90-97.	1.9	12
18	Ankle variability is amplified in older adults due to lower EMG power from 30 to 60 Hz. <i>Human Movement Science</i> , 2012, 31, 1366-1378.	1.4	11

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19	Short-duration therapeutic massage reduces postural upper trapezius muscle activity. <i>NeuroReport</i> , 2017, 28, 108-110.	1.2	10
20	Expanded normative data for the balance tracking system modified clinical test of sensory integration and balance protocol. <i>Medical Devices &amp; Sensors</i> , 2020, 3, e10084.	2.7	9
21	Photobiomodulation delays the onset of skeletal muscle fatigue in a dose-dependent manner. <i>Lasers in Medical Science</i> , 2016, 31, 1325-1332.	2.1	8
22	Normative Data for the BTrackS Balance Test Concussion-Management Tool: Results From 1045 Athletes Aged 8 to 21 Years. <i>Journal of Athletic Training</i> , 2019, 54, 439-444.	1.8	8
23	BTrackS. <i>Home Healthcare Now</i> , 2019, 37, 355-356.	0.2	4
24	Inclusive Excellence in Kinesiology Units in Higher Education. <i>Kinesiology Review</i> , 2021, 10, 390-397.	0.6	4
25	Long-term adaptations differ for shortening and lengthening contractions. <i>European Journal of Applied Physiology</i> , 2012, 112, 3709-3720.	2.5	3
26	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