

Kelly P Westlake

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,002
citations

623734

14
h-index

434195

31
g-index

42
all docs

42
docs citations

42
times ranked

1409
citing authors

#	ARTICLE	IF	CITATIONS
1	Pilot study of Lokomat versus manual-assisted treadmill training for locomotor recovery post-stroke. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2009, 6, 18.	4.6	255
2	Functional Connectivity in Relation to Motor Performance and Recovery After Stroke. <i>Frontiers in Systems Neuroscience</i> , 2011, 5, 8.	2.5	110
3	Resting state alpha-band functional connectivity and recovery after stroke. <i>Experimental Neurology</i> , 2012, 237, 160-169.	4.1	108
4	Capturing subject variability in fMRI data: A graph-theoretical analysis of GICA vs. IVA. <i>Journal of Neuroscience Methods</i> , 2015, 247, 32-40.	2.5	98
5	Sensory-Specific Balance Training in Older Adults: Effect on Proprioceptive Reintegration and Cognitive Demands. <i>Physical Therapy</i> , 2007, 87, 1274-1283.	2.4	56
6	Handedness results from complementary hemispheric dominance, not global hemispheric dominance: evidence from mechanically coupled bilateral movements. <i>Journal of Neurophysiology</i> , 2018, 120, 729-740.	1.8	49
7	Sensory-Specific Balance Training in Older Adults: Effect on Position, Movement, and Velocity Sense at the Ankle. <i>Physical Therapy</i> , 2007, 87, 560-568.	2.4	47
8	Quantifying motor recovery after stroke using independent vector analysis and graph-theoretical analysis. <i>NeuroImage: Clinical</i> , 2015, 8, 298-304.	2.7	23
9	Age-related Changes in Bilateral Upper Extremity Coordination. <i>Current Geriatrics Reports</i> , 2016, 5, 191-199.	1.1	19
10	Complex-value coherence mapping reveals novel abnormal resting-state functional connectivity networks in task-specific focal hand dystonia. <i>Frontiers in Neurology</i> , 2013, 4, 149.	2.4	18
11	Problem-solving and decision-making preferences: No difference between complementary and alternative medicine users and non-users. <i>Complementary Therapies in Medicine</i> , 2005, 13, 213-216.	2.7	16
12	Trunk kinematics and muscle activation patterns during stand-to-sit movement and the relationship with postural stability in aging. <i>Gait and Posture</i> , 2021, 86, 292-298.	1.4	16
13	Neural plasticity and implications for hand rehabilitation after neurological insult. <i>Journal of Hand Therapy</i> , 2013, 26, 87-93.	1.5	15
14	Modulation of working memory load distinguishes individuals with and without balance impairments following mild traumatic brain injury. <i>Brain Injury</i> , 2018, 32, 191-199.	1.2	14
15	Towards a Robotic Hand Rehabilitation Exoskeleton for Stroke Therapy. , 2014, , .		13
16	Velocity discrimination: Reliability and construct validity in older adults. <i>Human Movement Science</i> , 2007, 26, 443-456.	1.4	12
17	Influence of non-spatial working memory demands on reach-grasp responses to loss of balance: Effects of age and fall risk. <i>Gait and Posture</i> , 2016, 45, 51-55.	1.4	10
18	Link Between Parkinson Disease and Rapid Eye Movement Sleep Behavior Disorder With Dream Enactment: Possible Implications for Early Rehabilitation. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018, 99, 411-415.	0.9	8

#	ARTICLE	IF	CITATIONS
19	Use of targeted memory reactivation enhances skill performance during a nap and enhances declarative memory during wake in healthy young adults. <i>Journal of Sleep Research</i> , 2019, 28, e12832.	3.2	8
20	Competition for limited neural resources in older adults leads to greater asymmetry of bilateral movements than in young adults. <i>Journal of Neurophysiology</i> , 2020, 123, 1295-1304.	1.8	8
21	Sensorimotor performance is improved by targeted memory reactivation during a daytime nap in healthy older adults. <i>Neuroscience Letters</i> , 2020, 731, 134973.	2.1	8
22	Chronic Poststroke Deficits in Gross and Fine Motor Control of the Ipsilesional Upper Limb. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2021, 100, 345-348.	1.4	8
23	Influence of testing position and age on measures of ankle proprioception. <i>Advances in Physiotherapy</i> , 2006, 8, 41-48.	0.2	7
24	Friendships of Adolescents with Physical Disabilities Attending Inclusive High Schools. <i>Canadian Journal of Occupational Therapy</i> , 2009, 76, 368-376.	1.3	7
25	Targeted Memory Reactivation During Sleep, But Not Wake, Enhances Sensorimotor Skill Performance: A Pilot Study. <i>Journal of Motor Behavior</i> , 2018, 50, 202-209.	0.9	7
26	A systematic review of upper extremity responses during reactive balance perturbations in aging. <i>Gait and Posture</i> , 2020, 82, 138-146.	1.4	7
27	The Intersection of Offline Learning and Rehabilitation. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 667574.	2.0	6
28	Systematic Review Investigating the Effects of Nonpharmacological Interventions During Sleep to Enhance Physical Rehabilitation Outcomes in People With Neurological Diagnoses. <i>Neurorehabilitation and Neural Repair</i> , 2019, 33, 345-354.	2.9	5
29	Age-Related Differences in Arm and Trunk Responses to First and Repeated Exposure to Laterally Induced Imbalances. <i>Brain Sciences</i> , 2020, 10, 574.	2.3	5
30	Age-related changes in protective arm reaction kinematics, kinetics, and neuromuscular activation during evoked forward falls. <i>Human Movement Science</i> , 2022, 81, 102914.	1.4	4
31	Capturing subject variability in data driven fMRI analysis: A graph theoretical comparison. , 2014, , .		3
32	International global health education for doctor of physical therapy students: a scoping review. <i>Physical Therapy Reviews</i> , 2022, 27, 25-39.	0.8	2
33	Test-retest reliability of the FALL FIT system for assessing and training protective arm reactions in response to a forward fall. <i>MethodsX</i> , 2022, 9, 101702.	1.6	2
34	Examining the influence of mental stress on balance perturbation responses in older adults. <i>Experimental Gerontology</i> , 2021, 153, 111495.	2.8	1
35	Commentary on "Facilitation of the Lesioned Motor Cortex During Tonic Contraction of the Unaffected Limb Corresponds to Motor Status After Stroke" <i>Journal of Neurologic Physical Therapy</i> , 2016, 40, 22-23.	1.4	0
36	Response to letter to the editor. <i>Brain Injury</i> , 2019, 33, 396-396.	1.2	0

#	ARTICLE	IF	CITATIONS
37	Bimanual Assessment Measure (BAM): Development of a Measure of Bimanual Function for Use After Stroke. American Journal of Occupational Therapy, 2015, 69, 6911500004p1-6911500004p1.	0.3	0
38	Anatomical and Physiological Predictors of Recovery. , 0, , .		0
39	Development and Psychometric Testing of the Bimanual Assessment Measure for People With Chronic Stroke. American Journal of Occupational Therapy, 2022, 76, .	0.3	0