

# Jennifer Baltich

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11319382/publications.pdf>

Version: 2024-02-01

14  
papers

468  
citations

840776

11  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

668  
citing authors

#	ARTICLE	IF	CITATIONS
1	Shoe midsole hardness, sex and age effects on lower extremity kinematics during running. Journal of Biomechanics, 2012, 45, 1692-1697.	2.1	112
2	Increased Vertical Impact Forces and Altered Running Mechanics with Softer Midsole Shoes. PLoS ONE, 2015, 10, e0125196.	2.5	80
3	Validation of an inertial measurement unit for the measurement of jump count and height. Physical Therapy in Sport, 2017, 25, 15-19.	1.9	59
4	Changes in cortical activity measured with EEG during a high-intensity cycling exercise. Journal of Neurophysiology, 2016, 115, 379-388.	1.8	56
5	Quantification and reliability of center of pressure movement during balance tasks of varying difficulty. Gait and Posture, 2014, 40, 327-332.	1.4	43
6	Degradation of postural control with aging. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2015, 229, 638-644.	1.8	22
7	The effects of isolated ankle strengthening and functional balance training on strength, running mechanics, postural control and injury prevention in novice runners: design of a randomized controlled trial. BMC Musculoskeletal Disorders, 2014, 15, 407.	1.9	21
8	Footwear Decreases Gait Asymmetry during Running. PLoS ONE, 2015, 10, e0138631.	2.5	21
9	Task-Oriented Control of Muscle Coordination during Cycling. Medicine and Science in Sports and Exercise, 2013, 45, 2298-2305.	0.4	18
10	Individuality decoded by running patterns: Movement characteristics that determine the uniqueness of human running. PLoS ONE, 2021, 16, e0249657.	2.5	14
11	The impact of previous knee injury on force plate and field-based measures of balance. Clinical Biomechanics, 2015, 30, 832-838.	1.2	12
12	Extraction of basic movement from whole-body movement, based on gait variability. Physiological Reports, 2013, 1, e00049.	1.7	9
13	The influence of ankle strength exercise training on running injury risk factors. Footwear Science, 2015, 7, S99-S100.	2.1	1
14	The effects of barefoot and shod running on risk of injury in high school, female, recreational runners. , 2014, , .		0