

Noah J Rosenblatt

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40
papers

943
citations

20
h-index

30
g-index

44
ext. papers

1,131
ext. citations

3.1
avg, IF

4.48
L-index

#	Paper	IF	Citations
40	Effects of sensory manipulations on locomotor adaptation to split-belt treadmill walking in healthy younger and older adults.. <i>IBRO Neuroscience Reports</i> , 2022 , 12, 149-156		1
39	Effects of Advanced Age and Parkinson's Disease on Joint-Level Kinetic Adaptations to Faster Walking Speeds. <i>Biomechanics</i> , 2022 , 2, 76-86		
38	Diabetes and Reactive Balance: Quantifying Stepping Thresholds With a Simple Spring Scale to Measure Fall-Risk in Ambulatory Older Adults. <i>Journal of Diabetes Science and Technology</i> , 2021 , 15, 1352-1360 ^o	4.1	1
37	Exploring the Association Between Measures of Obesity and Measures of Trip-induced Fall Risk Among Older Adults. <i>Archives of Physical Medicine and Rehabilitation</i> , 2021 , 102, 2362-2368	2.8	4
36	Increased Attentional Focus on Walking by Older Adults Limits Maximum Speed and Is Related to Dynamic Stability.. <i>Gerontology</i> , 2021 , 1-8	5.5	1
35	Older but not younger adults rely on multijoint coordination to stabilize the swinging limb when performing a novel cued walking task. <i>Experimental Brain Research</i> , 2020 , 238, 1441-1454	2.3	5
34	The Role of the Podiatrist in Assessing and Reducing Fall Risk: An Updated Review. <i>Clinics in Podiatric Medicine and Surgery</i> , 2020 , 37, 327-369	0.9	1
33	The impact of obesity on gait stability in older adults. <i>Journal of Biomechanics</i> , 2020 , 100, 109585	2.9	6
32	Recommendation for the minimum number of steps to analyze when performing the uncontrolled manifold analysis on walking data. <i>Journal of Biomechanics</i> , 2019 , 85, 218-223	2.9	12
31	Instability Resistance Training Decreases Motor Noise During Challenging Walking Tasks in Older Adults: A 10-Week Double-Blinded RCT. <i>Frontiers in Aging Neuroscience</i> , 2019 , 11, 32	5.3	3
30	Combining physical therapy and cognitive behavioral therapy techniques to improve balance confidence and community participation in people with unilateral transtibial amputation who use lower limb prostheses: a study protocol for a randomized sham-control clinical trial. <i>Trials</i> , 2019 , 20, 812	2.8	3
29	Trip-specific training enhances recovery after large postural disturbances for which there is NO expectation. <i>Gait and Posture</i> , 2018 , 61, 382-386	2.6	6
28	Recent Advances and Future Opportunities to Address Challenges in Offloading Diabetic Feet: A Mini-Review. <i>Gerontology</i> , 2018 , 64, 309-317	5.5	10
27	Healthy aging does not impair lower extremity motor flexibility while walking across an uneven surface. <i>Human Movement Science</i> , 2018 , 62, 67-80	2.4	14
26	The effect of vacuum assisted socket suspension on prospective, community-based falls by users of lower limb prostheses. <i>Gait and Posture</i> , 2017 , 55, 100-104	2.6	3
25	Effects of Vacuum-Assisted Socket Suspension on Energetic Costs of Walking, Functional Mobility, and Prosthesis-Related Quality of Life. <i>Journal of Prosthetics and Orthotics</i> , 2017 , 29, 65-72	0.7	5
24	Relating minimum toe clearance to prospective, self-reported, trip-related stumbles in the community. <i>Prosthetics and Orthotics International</i> , 2017 , 41, 387-392	1.5	21

23	Knee osteoarthritis negatively affects the recovery step following large forward-directed postural perturbations. <i>Journal of Biomechanics</i> , 2016 , 49, 1128-1133	2.9	7
22	Challenging gait leads to stronger lower-limb kinematic synergies: The effects of walking within a more narrow pathway. <i>Neuroscience Letters</i> , 2015 , 600, 110-4	3.3	22
21	Expectation of an upcoming large postural perturbation influences the recovery stepping response and outcome. <i>Gait and Posture</i> , 2015 , 41, 335-7	2.6	28
20	An apparent contradiction: increasing variability to achieve greater precision?. <i>Experimental Brain Research</i> , 2014 , 232, 403-13	2.3	43
19	Obesity as a Factor Contributing to Falls by Older Adults. <i>Current Obesity Reports</i> , 2014 , 3, 348-54	8.4	21
18	Active dorsiflexing prostheses may reduce trip-related fall risk in people with transtibial amputation. <i>Journal of Rehabilitation Research and Development</i> , 2014 , 51, 1229-42		38
17	Exercise-based fall prevention: can you be a bit more specific?. <i>Exercise and Sport Sciences Reviews</i> , 2014 , 42, 161-8	6.7	57
16	The effects of age on stabilization of the mediolateral trajectory of the swing foot. <i>Gait and Posture</i> , 2013 , 38, 923-8	2.6	43
15	Preventing trip-related falls by community-dwelling adults: a prospective study. <i>Journal of the American Geriatrics Society</i> , 2013 , 61, 1629-31	5.6	54
14	Sensitivity of dynamic stability to changes in step width during treadmill walking by young adults. <i>Journal of Applied Biomechanics</i> , 2012 , 28, 616-21	1.2	20
13	Relationship between obesity and falls by middle-aged and older women. <i>Archives of Physical Medicine and Rehabilitation</i> , 2012 , 93, 718-22	2.8	35
12	The discriminant capabilities of stability measures, trunk kinematics, and step kinematics in classifying successful and failed compensatory stepping responses by young adults. <i>Journal of Biomechanics</i> , 2012 , 45, 129-33	2.9	32
11	Does lower extremity osteoarthritis exacerbate risk factors for falls in older adults?. <i>Women's Health</i> , 2012 , 8, 685-96; quiz 697-8	3	31
10	Fear of falling does not alter the kinematics of recovery from an induced trip: a preliminary study. <i>Archives of Physical Medicine and Rehabilitation</i> , 2011 , 92, 2093-5	2.8	6
9	Form of the compensatory stepping response to repeated laterally directed postural disturbances. <i>Experimental Brain Research</i> , 2011 , 214, 557-66	2.3	26
8	Measures of frontal plane stability during treadmill and overground walking. <i>Gait and Posture</i> , 2010 , 31, 380-4	2.6	105
7	Variation in trunk kinematics influences variation in step width during treadmill walking by older and younger adults. <i>Gait and Posture</i> , 2010 , 31, 461-4	2.6	69
6	Power-law creep behavior of a semiflexible chain. <i>Physical Review E</i> , 2008 , 78, 041922	2.4	12

5	Rheological behavior of living cells is timescale-dependent. <i>Biophysical Journal</i> , 2007 , 93, L39-41	2.9	89
4	Reliability of voluntary step execution behavior under single and dual task conditions. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2007 , 4, 16	5.3	38
3	Contributions of the active and passive components of the cytoskeletal prestress to stiffening of airway smooth muscle cells. <i>Annals of Biomedical Engineering</i> , 2007 , 35, 224-34	4.7	13
2	Dynamics of prestressed semiflexible polymer chains as a model of cell rheology. <i>Physical Review Letters</i> , 2006 , 97, 168101	7.4	28
1	Distending stress of the cytoskeleton is a key determinant of cell rheological behavior. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 321, 617-22	3.4	31