

Noah J Rosenblatt

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9049069/noah-j-rosenblatt-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Measures of frontal plane stability during treadmill and overground walking. <i>Gait and Posture</i> , 2010 , 31, 380-4	2.6	105
39	Rheological behavior of living cells is timescale-dependent. <i>Biophysical Journal</i> , 2007 , 93, L39-41	2.9	89
38	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
37	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
36	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
35	An apparent contradiction: increasing variability to achieve greater precision?. <i>Experimental Brain Research</i> , 2014 , 232, 403-13	2.3	43
34	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
33	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
32	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
31	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
30	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
29	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
28	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
27	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
26	Dynamics of prestressed semiflexible polymer chains as a model of cell rheology. <i>Physical Review Letters</i> , 2006 , 97, 168101	7.4	28
25	Form of the compensatory stepping response to repeated laterally directed postural disturbances. <i>Experimental Brain Research</i> , 2011 , 214, 557-66	2.3	26
24	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

23	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
22	Obesity as a Factor Contributing to Falls by Older Adults. <i>Current Obesity Reports</i> , 2014 , 3, 348-54	8.4	21
21	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
20	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
19	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
18	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
17	Power-law creep behavior of a semiflexible chain. <i>Physical Review E</i> , 2008 , 78, 041922	2.4	12
16	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
15	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
14	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
13	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
12	The impact of obesity on gait stability in older adults. <i>Journal of Biomechanics</i> , 2020 , 100, 109585	2.9	6
11	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
10	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
9	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
8	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
7	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
6	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

- 5 The Role of the Podiatrist in Assessing and Reducing Fall Risk: An Updated Review. *Clinics in Podiatric Medicine and Surgery*, **2020**, 37, 327-369 0.9 1
- 4 Effects of sensory manipulations on locomotor adaptation to split-belt treadmill walking in healthy younger and older adults.. *IBRO Neuroscience Reports*, **2022**, 12, 149-156 1
- 3 Increased Attentional Focus on Walking by Older Adults Limits Maximum Speed and Is Related to Dynamic Stability.. *Gerontology*, **2021**, 1-8 5.5 1
- 2 Diabetes and Reactive Balance: Quantifying Stepping Thresholds With a Simple Spring Scale to Measure Fall-Risk in Ambulatory Older Adults. *Journal of Diabetes Science and Technology*, **2021**, 15, 1352-1360⁰ 4.1
- 1 Effects of Advanced Age and Parkinson's Disease on Joint-Level Kinetic Adaptations to Faster Walking Speeds. *Biomechanics*, **2022**, 2, 76-86