

# Subashan Perera

## List of Publications by Citations

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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.

77 papers	1,082 citations	18 h-index	31 g-index
82 ext. papers	1,372 ext. citations	4.3 avg, IF	4.54 L-index

#	Paper	IF	Citations
77	Gait Speed Predicts Incident Disability: A Pooled Analysis. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2016</b> , 71, 63-71	6.4	199
76	Efficacy and safety of single-dose zoledronic acid for osteoporosis in frail elderly women: a randomized clinical trial. <i>JAMA Internal Medicine</i> , <b>2015</b> , 175, 913-21	11.5	85
75	Concordance Between Anticholinergic Burden Scales. <i>Journal of the American Geriatrics Society</i> , <b>2015</b> , 63, 2120-4	5.6	61
74	Association of Brain Amyloid- $\beta$ With Slow Gait in Elderly Individuals Without Dementia: Influence of Cognition and Apolipoprotein E $\epsilon$ Genotype. <i>JAMA Neurology</i> , <b>2017</b> , 74, 82-90	17.2	46
73	Meta-analysis of Interventions to Reduce Adverse Drug Reactions in Older Adults. <i>Journal of the American Geriatrics Society</i> , <b>2018</b> , 66, 282-288	5.6	43
72	The impact of testing protocol on recorded gait speed. <i>Gait and Posture</i> , <b>2015</b> , 41, 329-31	2.6	36
71	Improving motor control in walking: a randomized clinical trial in older adults with subclinical walking difficulty. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2015</b> , 96, 388-94	2.8	35
70	Inflammatory Markers and Frailty in Long-Term Care Residents. <i>Journal of the American Geriatrics Society</i> , <b>2017</b> , 65, 1777-1783	5.6	32
69	Extraction of stride events from gait accelerometry during treadmill walking. <i>IEEE Journal of Translational Engineering in Health and Medicine</i> , <b>2016</b> , 4,	3	32
68	Nursing Home Provider Perceptions of Telemedicine for Reducing Potentially Avoidable Hospitalizations. <i>Journal of the American Medical Directors Association</i> , <b>2016</b> , 17, 519-24	5.9	30
67	Challenging the motor control of walking: Gait variability during slower and faster pace walking conditions in younger and older adults. <i>Archives of Gerontology and Geriatrics</i> , <b>2016</b> , 66, 54-61	4	29
66	Central Nervous System Medication Burden and Serious Falls in Older Nursing Home Residents. <i>Journal of the American Geriatrics Society</i> , <b>2017</b> , 65, 1183-1189	5.6	28
65	Effectiveness of a Timing and Coordination Group Exercise Program to Improve Mobility in Community-Dwelling Older Adults: A Randomized Clinical Trial. <i>JAMA Internal Medicine</i> , <b>2017</b> , 177, 1437-1444	11.5	27
64	The test-retest reliability and minimal detectable change of spatial and temporal gait variability during usual over-ground walking for younger and older adults. <i>Gait and Posture</i> , <b>2016</b> , 44, 94-9	2.6	24
63	Determining the incidence of drug-associated acute kidney injury in nursing home residents. <i>Journal of the American Medical Directors Association</i> , <b>2014</b> , 15, 719-24	5.9	22
62	Understanding the effects of pre-processing on extracted signal features from gait accelerometry signals. <i>Computers in Biology and Medicine</i> , <b>2015</b> , 62, 164-74	7	19
61	A comparative analysis of spectral exponent estimation techniques for 1/f( $\beta$ ) processes with applications to the analysis of stride interval time series. <i>Journal of Neuroscience Methods</i> , <b>2014</b> , 222, 118-30	3	19

60	A Multifaceted Antimicrobial Stewardship Program for the Treatment of Uncomplicated Cystitis in Nursing Home Residents. <i>JAMA Internal Medicine</i> , <b>2020</b> , 180, 944-951	11.5	18
59	Balance and Mobility in Community-Dwelling Older Adults: Effect of Daytime Sleepiness. <i>Journal of the American Geriatrics Society</i> , <b>2017</b> , 65, 1019-1025	5.6	15
58	Non-tricyclic and Non-selective Serotonin Reuptake Inhibitor Antidepressants and Recurrent Falls in Frail Older Women. <i>American Journal of Geriatric Psychiatry</i> , <b>2016</b> , 24, 1221-1227	6.5	15
57	Stakeholder involvement in the design of a patient-centered comparative effectiveness trial of the "On the Move" group exercise program in community-dwelling older adults. <i>Contemporary Clinical Trials</i> , <b>2016</b> , 50, 135-42	2.3	15
56	Identifying Sarcopenia in Female Long-Term Care Residents: A Comparison of Current Guidelines. <i>Journal of the American Geriatrics Society</i> , <b>2018</b> , 66, 316-320	5.6	15
55	Functional connectivity patterns of normal human swallowing: difference among various viscosity swallows in normal and chin-tuck head positions. <i>Brain Research</i> , <b>2016</b> , 1652, 158-169	3.7	14
54	Standing balance and strength measurements in older adults living in residential care communities. <i>Aging Clinical and Experimental Research</i> , <b>2017</b> , 29, 1021-1030	4.8	12
53	A comparison between swallowing sounds and vibrations in patients with dysphagia. <i>Computer Methods and Programs in Biomedicine</i> , <b>2017</b> , 144, 179-187	6.9	12
52	Cognitive tasks and cerebral blood flow through anterior cerebral arteries: a study via functional transcranial Doppler ultrasound recordings. <i>BMC Medical Imaging</i> , <b>2016</b> , 16, 22	2.9	10
51	How Closely do Machine Ratings of Duration of UES Opening During Videofluoroscopy Approximate Clinician Ratings Using Temporal Kinematic Analyses and the MBSImP?. <i>Dysphagia</i> , <b>2021</b> , 36, 707-718	3.7	10
50	The Prediction of Risk of Penetration-Aspiration Via Hyoid Bone Displacement Features. <i>Dysphagia</i> , <b>2020</b> , 35, 66-72	3.7	10
49	Translation of a Motor Learning Walking Rehabilitation Program Into a Group-Based Exercise Program for Community-Dwelling Older Adults. <i>PM and R</i> , <b>2016</b> , 8, 520-8	2.2	9
48	The IOU Consensus Recommendations for Empirical Therapy of Cystitis in Nursing Home Residents. <i>Journal of the American Geriatrics Society</i> , <b>2019</b> , 67, 539-545	5.6	9
47	Analysis of the pen pressure and grip force signal during basic drawing tasks: The timing and speed changes impact drawing characteristics. <i>Computers in Biology and Medicine</i> , <b>2017</b> , 87, 124-131	7	8
46	Influence of attention and bolus volume on brain organization during swallowing. <i>Brain Structure and Function</i> , <b>2018</b> , 223, 955-964	4	8
45	Effects of acute peripheral/central visual field loss on standing balance. <i>Experimental Brain Research</i> , <b>2017</b> , 235, 3261-3270	2.3	8
44	Cognitive tasks during walking affect cerebral blood flow signal features in middle cerebral arteries and their correlation to gait characteristics. <i>Behavioral and Brain Functions</i> , <b>2015</b> , 11, 29	4.1	8
43	Age-Related Differences in Locomotor Strategies During Adaptive Walking. <i>Journal of Motor Behavior</i> , <b>2017</b> , 49, 435-440	1.4	7

42	Age and body mass index associations with body segment parameters. <i>Journal of Biomechanics</i> , <b>2019</b> , 88, 38-47	2.9	7
41	A Preliminary Investigation of Whether HRCA Signals Can Differentiate Between Swallows from Healthy People and Swallows from People with Neurodegenerative Diseases. <i>Dysphagia</i> , <b>2021</b> , 36, 635-643	3.7	7
40	Impact of Drug-Drug and Drug-Disease Interactions on Gait Speed in Community-Dwelling Older Adults. <i>Drugs and Aging</i> , <b>2016</b> , 33, 411-8	4.7	7
39	Psychometric properties of instrumented postural sway measures recorded in community settings in independent living older adults. <i>BMC Geriatrics</i> , <b>2020</b> , 20, 82	4.1	6
38	Predictive regression modeling of body segment parameters using individual-based anthropometric measurements. <i>Journal of Biomechanics</i> , <b>2019</b> , 96, 109349	2.9	6
37	Callosal hyperintensities and gait speed gain from two types of mobility interventions in older adults. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2015</b> , 96, 1154-7	2.8	6
36	Changes in Walking Characteristics of Young and Older Adults When Anticipating Slippery Floors. <i>IIE Transactions on Occupational Ergonomics and Human Factors</i> , <b>2013</b> , 1, 166-175		6
35	Association Between Improved Mobility and Distal Health Outcomes. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2020</b> , 75, 2412-2417	6.4	5
34	The Role of the Environment on Sedentary Behavior in Community-Dwelling Older Adults. <i>Journal of Housing for the Elderly</i> , <b>2019</b> , 33, 31-40	1.6	5
33	Aging Back Clinics-a Geriatric Syndrome Approach to Treating Chronic Low Back Pain in Older Adults: Results of a Preliminary Randomized Controlled Trial. <i>Pain Medicine</i> , <b>2020</b> , 21, 274-290	2.8	4
32	Using a Clinical Surveillance System to Detect Drug-Associated Hypoglycemia in Nursing Home Residents. <i>Journal of the American Geriatrics Society</i> , <b>2015</b> , 63, 2125-9	5.6	4
31	Program to improve mobility in aging (PRIMA) study: Methods and rationale of a task-oriented motor learning exercise program. <i>Contemporary Clinical Trials</i> , <b>2020</b> , 89, 105912	2.3	4
30	Risedronate may preserve bone microarchitecture in breast cancer survivors on aromatase inhibitors: A randomized, controlled clinical trial. <i>Bone</i> , <b>2016</b> , 90, 123-6	4.7	4
29	The Effect of Auditory Cueing on the Spatial and Temporal Gait Coordination in Healthy Adults. <i>Journal of Motor Behavior</i> , <b>2019</b> , 51, 25-31	1.4	4
28	Transforming the Medication Regimen Review Process Using Telemedicine to Prevent Adverse Events. <i>Journal of the American Geriatrics Society</i> , <b>2021</b> , 69, 530-538	5.6	4
27	Development and Validation of Person-Centered Cut-Points for the Figure-of-8-Walk Test of Mobility in Community-Dwelling Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2020</b> , 75, 2404-2411	6.4	2
26	The Nursing Home Physical Performance Test: A Secondary Data Analysis of Women in Long-Term Care Using Item Response Theory. <i>Gerontologist</i> , <b>2018</b> , 58, e197-e204	5	2
25	Nocturnal Excretion in Healthy Older Women and Rationale for a Safer Approach to Sleep Disruption. <i>Journal of the American Geriatrics Society</i> , <b>2019</b> , 67, 2610-2614	5.6	2

24	Nocturnal Polyuria in Older Women with Urge Urinary Incontinence: Role of Sleep Quality, Time in Bed and Medications Used. <i>Journal of Urology</i> , <b>2017</b> , 197, 753-758	2.5	2
23	Motor Control-based Group Exercise: Can It be Delivered as Effectively by Lay Leaders?. <i>Translational Journal of the American College of Sports Medicine</i> , <b>2018</b> , 3, 19-27	1.1	2
22	Modified Application of Cardiac Rehabilitation in Older Adults (MACRO) Trial: Protocol changes in a pragmatic multi-site randomized controlled trial in response to the COVID-19 pandemic. <i>Contemporary Clinical Trials</i> , <b>2021</b> , 112, 106633	2.3	2
21	Sex Disparities and Functional Outcomes after a Critical Illness. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 201, 869-872	10.2	2
20	Anterior-posterior distension of maximal upper esophageal sphincter opening is correlated with high-resolution cervical auscultation signal features. <i>Physiological Measurement</i> , <b>2021</b> , 42,	2.9	2
19	A generalized equation approach for hyoid bone displacement and penetration-Expiration scale analysis. <i>SN Applied Sciences</i> , <b>2021</b> , 3, 1	1.8	2
18	Effect of Community-Based Group Exercise Interventions on Standing Balance and Strength in Independent Living Older Adults. <i>Journal of Geriatric Physical Therapy</i> , <b>2019</b> , 42, E7-E15	3.2	2
17	Improvements in Antibiotic Appropriateness for Cystitis in Older Nursing Home Residents: A Quality Improvement Study With Randomized Assignment. <i>Journal of the American Medical Directors Association</i> , <b>2021</b> , 22, 173-177	5.9	2
16	Effect of Reducing Sedentary Behavior on Blood Pressure (RESET BP): Rationale, design, and methods. <i>Contemporary Clinical Trials</i> , <b>2021</b> , 106, 106428	2.3	2
15	Characterizing Swallows From People With Neurodegenerative Diseases Using High-Resolution Cervical Auscultation Signals and Temporal and Spatial Swallow Kinematic Measurements. <i>Journal of Speech, Language, and Hearing Research</i> , <b>2021</b> , 64, 3416-3431	2.8	2
14	Most suitable mother wavelet for the analysis of fractal properties of stride interval time series via the average wavelet coefficient method. <i>Computers in Biology and Medicine</i> , <b>2017</b> , 80, 175-184	7	1
13	Early changes in bone turnover predict longer-term changes in bone mineral density but not trabecular bone score in frail older women. <i>Archives of Osteoporosis</i> , <b>2020</b> , 15, 79	2.9	1
12	Normal Theory and Bootstrap Confidence Interval Estimation in Assessing Diagnostic Performance Gain When Combining Two Diagnostic Tests. <i>Communications in Statistics Part B: Simulation and Computation</i> , <b>2008</b> , 37, 2076-2088	0.6	1
11	Establishing Reference Values for Temporal Kinematic Swallow Events Across the Lifespan in Healthy Community Dwelling Adults Using High-Resolution Cervical Auscultation. <i>Dysphagia</i> , <b>2021</b> , 1	3.7	1
10	Characterizing Effortful Swallows from Healthy Community Dwelling Adults Across the Lifespan Using High-Resolution Cervical Auscultation Signals and MBSImP Scores: A Preliminary Study. <i>Dysphagia</i> , <b>2021</b> , 1	3.7	1
9	Probable Delirium as a Risk Factor for Adverse Surgical Outcomes in Geriatric Patients With Acute Hip Fracture: Preoperative Assessment Using a Short Screening Tool. <i>AANA Journal</i> , <b>2021</b> , 89, 141-146	0.5	1
8	Potential long-term impact of "On The Move" group-exercise program on falls and healthcare utilization in older adults: an exploratory analysis of a randomized controlled trial. <i>BMC Geriatrics</i> , <b>2020</b> , 20, 105	4.1	0
7	Psychometric Properties of Lower Extremity Strength Measurements Recorded in Community Settings in Independent Living Older Adults. <i>Experimental Aging Research</i> , <b>2019</b> , 45, 282-292	1.7	

6	Assessing gait efficacy in older adults: An analysis using item response theory. <i>Gait and Posture</i> , <b>2020</b> , 77, 118-124	2.6
5	Response Letter to Dr. Montero-Odasso et al.. <i>Journal of the American Geriatrics Society</i> , <b>2011</b> , 59, 2192-2193	3.193
4	Sit Less for Successful Aging Pilot Study: Feasibility of an Intervention to Reduce Sedentary Time in Older Adults in Independent Living Communities. <i>Cardiopulmonary Physical Therapy Journal</i> , <b>2020</b> , 31, 142-151	1
3	Intraclass Correlation Coefficients for Planning Cluster Randomized Trials in Community-Dwelling Older Adults. <i>Journal of Aging and Health</i> , <b>2020</b> , 32, 252-258	2.6
2	404 Gaps in Physical Therapists and Physical Therapist Assistants Knowledge and Use of the CDCB STEADI for Falls Risk Screening of Older Adults in the United States. <i>Journal of Clinical and Translational Science</i> , <b>2022</b> , 6, 77-77	0.4
1	Effect of Timing and Coordination Training on Mobility and Physical Activity Among Community-Dwelling Older Adults. <i>JAMA Network Open</i> , <b>2022</b> , 5, e2212921	10.4