

Jane Mohler

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10712210/publications.pdf>

Version: 2024-02-01

40
papers

1,452
citations

304602

22
h-index

330025

37
g-index

41
all docs

41
docs citations

41
times ranked

1869
citing authors

#	ARTICLE	IF	CITATIONS
1	The association between heart rate behavior and gait performance: The moderating effect of frailty. PLoS ONE, 2022, 17, e0264013.	1.1	2
2	Between-day repeatability of sensor-based in-home gait assessment among older adults: assessing the effect of frailty. Aging Clinical and Experimental Research, 2021, 33, 1529-1537.	1.4	4
3	Frailty and heart response to physical activity. Archives of Gerontology and Geriatrics, 2021, 93, 104323.	1.4	12
4	Nonlinear analysis of the movement variability structure can detect aging-related differences among cognitively healthy individuals. Human Movement Science, 2021, 78, 102807.	0.6	5
5	Physical and Cognitive Function Assessment to Predict Postoperative Outcomes of Abdominal Surgery. Journal of Surgical Research, 2021, 267, 495-505.	0.8	6
6	Sensor-Based Upper-Extremity Frailty Assessment for the Vascular Surgery Risk Stratification. Journal of Surgical Research, 2020, 246, 403-410.	0.8	7
7	Sensor-based characterization of daily walking: a new paradigm in pre-frailty/frailty assessment. BMC Geriatrics, 2020, 20, 164.	1.1	25
8	Can motor function uncertainty and local instability within upper-extremity dual-tasking predict amnesic mild cognitive impairment and early-stage Alzheimer's disease?. Computers in Biology and Medicine, 2020, 120, 103705.	3.9	15
9	Screening older adults for amnesic mild cognitive impairment and early-stage Alzheimer's disease using upper-extremity dual-tasking. Scientific Reports, 2019, 9, 10911.	1.6	30
10	The influence of mechanical vibration on local and central balance control. Journal of Biomechanics, 2018, 71, 59-66.	0.9	28
11	Foot Problems in Older Adults. Journal of the American Podiatric Medical Association, 2018, 108, 126-139.	0.2	52
12	The Effect of Pain Relief on Daily Physical Activity: In-Home Objective Physical Activity Assessment in Chronic Low Back Pain Patients after Paravertebral Spinal Block. Sensors, 2018, 18, 3048.	2.1	11
13	Frailty Assessment Predicts Acute Outcomes in Patients Undergoing Screening Colonoscopy. Digestive Diseases and Sciences, 2018, 63, 3272-3280.	1.1	13
14	Proprioceptive impairments in high fall risk older adults: the effect of mechanical calf vibration on postural balance. BioMedical Engineering OnLine, 2018, 17, 51.	1.3	34
15	Low intensity vibration of ankle muscles improves balance in elderly persons at high risk of falling. PLoS ONE, 2018, 13, e0194720.	1.1	13
16	Postural Transitions during Activities of Daily Living Could Identify Frailty Status: Application of Wearable Technology to Identify Frailty during Unsupervised Condition. Gerontology, 2017, 63, 479-487.	1.4	44
17	Frailty assessment in older adults using upper-extremity function: index development. BMC Geriatrics, 2017, 17, 117.	1.1	31
18	Improving Sleep Quality Assessment Using Wearable Sensors by Including Information From Postural/Sleep Position Changes and Body Acceleration: A Comparison of Chest-Worn Sensors, Wrist Actigraphy, and Polysomnography. Journal of Clinical Sleep Medicine, 2017, 13, 1301-1310.	1.4	47

#	ARTICLE	IF	CITATIONS
19	Assessing upper-extremity motion: An innovative method to quantify functional capacity in patients with chronic obstructive pulmonary disease. PLoS ONE, 2017, 12, e0172766.	1.1	20
20	Activity Monitoring and Heart Rate Variability as Indicators of Fall Risk: Proof-of-Concept for Application of Wearable Sensors in the Acute Care Setting. Journal of Gerontological Nursing, 2017, 43, 53-62.	0.3	32
21	Upper-Extremity Dual-Task Function: An Innovative Method to Assess Cognitive Impairment in Older Adults. Frontiers in Aging Neuroscience, 2016, 8, 167.	1.7	45
22	Sensor-based balance training with motion feedback in people with mild cognitive impairment. Journal of Rehabilitation Research and Development, 2016, 53, 945-958.	1.6	58
23	Predictors of Prolonged Length of Stay and Adverse Events among Older Adults with Behavioral Health-Related Emergency Department Visits: A Systematic Medical Record Review. Journal of Emergency Medicine, 2016, 50, 143-152.	0.3	20
24	Assessing Upper-Extremity Motion: An Innovative, Objective Method to Identify Frailty in Older Bed-Bound Trauma Patients. Journal of the American College of Surgeons, 2016, 223, 240-248.	0.2	47
25	Alterations in gait parameters with peripheral artery disease: The importance of pre-frailty as a confounding variable. Vascular Medicine, 2016, 21, 520-527.	0.8	17
26	Paravertebral spinal injection for the treatment of patients with degenerative facet osteoarthropathy: Evidence of motor performance improvements based on objective assessments. Clinical Biomechanics, 2016, 39, 100-108.	0.5	7
27	Gait and balance assessments as early indicators of frailty in patients with known peripheral artery disease. Clinical Biomechanics, 2016, 32, 1-7.	0.5	41
28	Multi-parametric MR imaging of quadriceps musculature in the setting of clinical frailty syndrome. Skeletal Radiology, 2016, 45, 583-589.	1.2	13
29	The Influence of Diabetic Peripheral Neuropathy on Local Postural Muscle and Central Sensory Feedback Balance Control. PLoS ONE, 2015, 10, e0135255.	1.1	59
30	Gait behaviors as an objective surgical outcome in low back disorders: A systematic review. Clinical Biomechanics, 2015, 30, 528-536.	0.5	28
31	Does Integrative Medicine Enhance Balance in Aging Adults? Proof of Concept for the Benefit of Electroacupuncture Therapy in Parkinson's Disease. Gerontology, 2015, 61, 3-14.	1.4	47
32	Wearable Sensor-Based In-Home Assessment of Gait, Balance, and Physical Activity for Discrimination of Frailty Status: Baseline Results of the Arizona Frailty Cohort Study. Gerontology, 2015, 61, 258-267.	1.4	136
33	Depression, Antidepressants, and Bone Health in Older Adults: A Systematic Review. Journal of the American Geriatrics Society, 2015, 63, 623-624.	1.3	1
34	Wearable sensor-based balance training in older adult cancer patients with chemotherapy-induced neuropathy: A randomized controlled trial.. Journal of Clinical Oncology, 2015, 33, 195-195.	0.8	1
35	Motor Performance Assessment in Parkinson's Disease: Association between Objective In-Clinic, Objective In-Home, and Subjective/Semi-Objective Measures. PLoS ONE, 2015, 10, e0124763.	1.1	90
36	Interactive balance training integrating sensor-based visual feedback of movement performance: a pilot study in older adults. Journal of NeuroEngineering and Rehabilitation, 2014, 11, 164.	2.4	65

#	ARTICLE	IF	CITATIONS
37	Sensor-Derived Physical Activity Parameters Can Predict Future Falls in People with Dementia. <i>Gerontology</i> , 2014, 60, 483-492.	1.4	76
38	An Intensive Exercise Program Improves Motor Performances in Patients with Dementia: Translational Model of Geriatric Rehabilitation. <i>Journal of Alzheimer's Disease</i> , 2014, 39, 487-498.	1.2	42
39	Frailty and Technology: A Systematic Review of Gait Analysis in Those with Frailty. <i>Gerontology</i> , 2014, 60, 79-89.	1.4	138
40	Novel Wearable Technology for Assessing Spontaneous Daily Physical Activity and Risk of Falling in Older Adults with Diabetes. <i>Journal of Diabetes Science and Technology</i> , 2013, 7, 1147-1160.	1.3	90