

Jane Mohler

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,452
citations

304743

22
h-index

330143

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. | 2.5 | 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. | 2.9 | 4 |
| 3 | Frailty and heart response to physical activity. Archives of Gerontology and Geriatrics, 2021, 93, 104323. | 3.0 | 12 |
| 4 | Nonlinear analysis of the movement variability structure can detect aging-related differences among cognitively healthy individuals. Human Movement Science, 2021, 78, 102807. | 1.4 | 5 |
| 5 | Physical and Cognitive Function Assessment to Predict Postoperative Outcomes of Abdominal Surgery. Journal of Surgical Research, 2021, 267, 495-505. | 1.6 | 6 |
| 6 | Sensor-Based Upper-Extremity Frailty Assessment for the Vascular Surgery Risk Stratification. Journal of Surgical Research, 2020, 246, 403-410. | 1.6 | 7 |
| 7 | Sensor-based characterization of daily walking: a new paradigm in pre-frailty/frailty assessment. BMC Geriatrics, 2020, 20, 164. | 2.7 | 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. | 7.0 | 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. | 3.3 | 30 |
| 10 | The influence of mechanical vibration on local and central balance control. Journal of Biomechanics, 2018, 71, 59-66. | 2.1 | 28 |
| 11 | Foot Problems in Older Adults. Journal of the American Podiatric Medical Association, 2018, 108, 126-139. | 0.3 | 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. | 3.8 | 11 |
| 13 | Frailty Assessment Predicts Acute Outcomes in Patients Undergoing Screening Colonoscopy. Digestive Diseases and Sciences, 2018, 63, 3272-3280. | 2.3 | 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. | 2.7 | 34 |
| 15 | Low intensity vibration of ankle muscles improves balance in elderly persons at high risk of falling. PLoS ONE, 2018, 13, e0194720. | 2.5 | 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. | 2.8 | 44 |
| 17 | Frailty assessment in older adults using upper-extremity function: index development. BMC Geriatrics, 2017, 17, 117. | 2.7 | 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. | 2.6 | 47 |

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|----|--|-----|-----------|
| 19 | Assessing upper-extremity motion: An innovative method to quantify functional capacity in patients with chronic obstructive pulmonary disease. PLoS ONE, 2017, 12, e0172766. | 2.5 | 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. | 0.6 | 32 |
| 21 | Upper-Extremity Dual-Task Function: An Innovative Method to Assess Cognitive Impairment in Older Adults. Frontiers in Aging Neuroscience, 2016, 8, 167. | 3.4 | 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. | 0.7 | 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. | 0.5 | 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. | 1.5 | 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. | 1.2 | 7 |
| 27 | Gait and balance assessments as early indicators of frailty in patients with known peripheral artery disease. Clinical Biomechanics, 2016, 32, 1-7. | 1.2 | 41 |
| 28 | Multi-parametric MR imaging of quadriceps musculature in the setting of clinical frailty syndrome. Skeletal Radiology, 2016, 45, 583-589. | 2.0 | 13 |
| 29 | The Influence of Diabetic Peripheral Neuropathy on Local Postural Muscle and Central Sensory Feedback Balance Control. PLoS ONE, 2015, 10, e0135255. | 2.5 | 59 |
| 30 | Gait behaviors as an objective surgical outcome in low back disorders: A systematic review. Clinical Biomechanics, 2015, 30, 528-536. | 1.2 | 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. | 2.8 | 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. | 2.8 | 136 |
| 33 | Depression, Antidepressants, and Bone Health in Older Adults: A Systematic Review. Journal of the American Geriatrics Society, 2015, 63, 623-624. | 2.6 | 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. | 1.6 | 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. | 2.5 | 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. | 4.6 | 65 |

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|----|--|-----|-----------|
| 37 | Sensor-Derived Physical Activity Parameters Can Predict Future Falls in People with Dementia. Gerontology, 2014, 60, 483-492. | 2.8 | 76 |
| 38 | An Intensive Exercise Program Improves Motor Performances in Patients with Dementia: Translational Model of Geriatric Rehabilitation. Journal of Alzheimer's Disease, 2014, 39, 487-498. | 2.6 | 42 |
| 39 | Frailty and Technology: A Systematic Review of Gait Analysis in Those with Frailty. Gerontology, 2014, 60, 79-89. | 2.8 | 138 |
| 40 | Novel Wearable Technology for Assessing Spontaneous Daily Physical Activity and Risk of Falling in Older Adults with Diabetes. Journal of Diabetes Science and Technology, 2013, 7, 1147-1160. | 2.2 | 90 |