Jochen Klenk

List of Publications by Year in descending order

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Version: 2024-02-01

137	5,481	38	68
papers	citations	h-index	g-index
140	140	140	8495
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Changes in Psychological Determinants of Behavior Change after Individual versus Group-Based Lifestyle-integrated Fall Prevention: Results from the LiFE-is-LiFE Trial. Gerontology, 2023, 69, 212-226.	1.4	2
2	Validity of the Sedentary Behavior Questionnaire in European Older Adults Using English, Spanish, German and Danish Versions. Measurement in Physical Education and Exercise Science, 2022, 26, 1-14.	1.3	10
3	Cost-Effectiveness of a Group vs Individually Delivered Exercise Program in Community-Dwelling Persons Aged ≥70ÂYears. Journal of the American Medical Directors Association, 2022, 23, 736-742.e6.	1.2	7
4	The relationship of weather with daily physical activity and the time spent out of home in older adults from Germany – the ActiFE study. European Review of Aging and Physical Activity, 2022, 19, 6.	1.3	7
5	Assessment of Thigh Angular Velocity by an Activity Monitor to Describe Sit-to-Stand Performance. Sensors, 2022, 22, 1405.	2.1	1
6	Daily steps and all-cause mortality: a meta-analysis of 15 international cohorts. Lancet Public Health, The, 2022, 7, e219-e228.	4.7	189
7	The Association of Physical Activity Fragmentation with Physical Function in Older Adults: Analysis from the SITLESS Study. Journal of Ageing and Longevity, 2022, 2, 63-73.	0.1	4
8	Group-Based and Individually Delivered LiFE: Content Evaluation and Predictors of Training Response – A Dose-Response Analysis. Clinical Interventions in Aging, 2022, Volume 17, 637-652.	1.3	3
9	Perturbation in public transport as aÂbasic concept for perturbation-based balance training for fall prevention. Zeitschrift Fur Gerontologie Und Geriatrie, 2021, 54, 571-575.	0.8	3
10	Associations of sedentary behavior bouts with communityâ€dwelling older adults' physical function. Scandinavian Journal of Medicine and Science in Sports, 2021, 31, 153-162.	1.3	15
11	Health and Subjective Views on Aging: Longitudinal Findings From the ActiFE Ulm Study. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2021, 76, 1349-1359.	2.4	18
12	Estimate of gait speed by using persons' walk ratio or step-frequency in older adults. Aging Clinical and Experimental Research, 2021, 33, 2989-2994.	1.4	2
13	Association between everyday walking activity, objective and perceived risk of falling in older adults. Age and Ageing, 2021, 50, 1586-1592.	0.7	5
14	Template-Based Recognition of Human Locomotion in IMU Sensor Data Using Dynamic Time Warping. Sensors, 2021, 21, 2601.	2.1	3
15	Change of physical activity parameters of hip and pelvic fracture patients during inpatient rehabilitation and after discharge: analysis of global and in-depth parameters. European Review of Aging and Physical Activity, 2021, 18, 9.	1.3	4
16	Lifestyle-integrated functional exercise to prevent falls and promote physical activity: Results from the LiFE-is-LiFE randomized non-inferiority trial. International Journal of Behavioral Nutrition and Physical Activity, 2021, 18, 115.	2.0	20
17	Applying Social Cognition Models to Explain Walking Duration in Older Adults: The Role of Intrinsic Motivation. Journal of Aging and Physical Activity, 2021, 29, 744-752.	0.5	7
18	Frailty Index and Sex-Specific 6-Year Mortality in Community-Dwelling Older People: The ActiFE Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 366-373.	1.7	14

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19	Evaluating the effects of an exercise program (Staying UpRight) for older adults in long-term care on rates of falls: study protocol for a randomised controlled trial. Trials, 2020, 21, 46.	0.7	12
20	Mediating factors on the association between fear of falling and health-related quality of life in community-dwelling German older people: a cross-sectional study. BMC Geriatrics, 2020, 20, 401.	1.1	11
21	Accelerometer-Based Fall Detection Using Machine Learning: Training and Testing on Real-World Falls. Sensors, 2020, 20, 6479.	2.1	32
22	Association of lung function with overall mortality is independent of inflammatory, cardiac, and functional biomarkers in older adults: theÂActiFE-study. Scientific Reports, 2020, 10, 11862.	1.6	13
23	Effects of an intervention to reduce fear of falling and increase physical activity during hip and pelvic fracture rehabilitation. Age and Ageing, 2020, 49, 771-778.	0.7	19
24	Osteoporotic hip fracture prediction from risk factors available in administrative claims data – A machine learning approach. PLoS ONE, 2020, 15, e0232969.	1.1	25
25	Consequences of Choosing Different Settings When Processing Hip-Based Accelerometry Data From Older Adults: A Practical Approach Using Baseline Data From the SITLESS Study. Journal for the Measurement of Physical Behaviour, 2020, 3, 89-99.	0.5	7
26	Are Different Diseases in Old Age Connected With Different Attitudes Toward Own Aging and Subjective Age?. Innovation in Aging, 2020, 4, 589-589.	0.0	0
27	Re-Enactment as a Method to Reproduce Real-World Fall Events Using Inertial Sensor Data: Development and Usability Study. Journal of Medical Internet Research, 2020, 22, e13961.	2.1	3
28	Title is missing!. , 2020, 15, e0232969.		0
29	Title is missing!. , 2020, 15, e0232969.		0
30	Title is missing!. , 2020, 15, e0232969.		0
31	Title is missing!. , 2020, 15, e0232969.		0
32	Development of a clinical prediction model for the onset of functional decline in people aged 65–75 years: pooled analysis of four European cohort studies. BMC Geriatrics, 2019, 19, 179.	1.1	24
33	Authors' reply to Kenington. BMJ: British Medical Journal, 2019, 366, l5693.	2.4	1
34	Physical Activity and Sex Hormone–Binding Globulin in Older Adults. Journal of Aging and Physical Activity, 2019, 27, 621-624.	0.5	1
35	Association of growth differentiation factor 15 with other key biomarkers, functional parameters and mortality in community-dwelling older adults. Age and Ageing, 2019, 48, 541-546.	0.7	28
36	Objective measures of rollator user stability and device loading during different walking scenarios. PLoS ONE, 2019, 14, e0210960.	1.1	16

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37	Purpose, Frequency, and Mode of Transport by Which Older Adults Leave Their Homeâ€"A Cross-Sectional Analysis. Journal of Aging and Physical Activity, 2019, 27, 688-695.	0.5	2
38	Lazy Sundays: role of day of the week and reactivity on objectively measured physical activity in older people. European Review of Aging and Physical Activity, 2019, 16, 18.	1.3	10
39	Change of Objectively-Measured Physical Activity during Geriatric Rehabilitation. Sensors, 2019, 19, 5451.	2.1	8
40	Fall Risk in Relation to Individual Physical Activity Exposure in Patients with Different Neurodegenerative Diseases: a Pilot Study. Cerebellum, 2019, 18, 340-348.	1.4	16
41	Exergames to Improve the Mobility of Long-Term Care Residents: A Cluster Randomized Controlled Trial. Games for Health Journal, 2018, 7, 37-42.	1.1	27
42	Reading from the Black Box: What Sensors Tell Us about Resting and Recovery after Real-World Falls. Gerontology, 2018, 64, 90-95.	1.4	9
43	Social participation and heat-related behavior in older adults during heat waves and on other days. Zeitschrift Fur Gerontologie Und Geriatrie, 2018, 51, 543-549.	0.8	8
44	Comparison of a group-delivered and individually delivered lifestyle-integrated functional exercise (LiFE) program in older persons: a randomized noninferiority trial. BMC Geriatrics, 2018, 18, 267.	1.1	24
45	Complexity of Daily Physical Activity Is More Sensitive Than Conventional Metrics to Assess Functional Change in Younger Older Adults. Sensors, 2018, 18, 2032.	2.1	18
46	The effects of unexpected mechanical perturbations during treadmill walking on spatiotemporal gait parameters, and the dynamic stability measures by which to quantify postural response. PLoS ONE, 2018, 13, e0195902.	1.1	62
47	Prospective analysis of time out-of-home and objectively measured walking duration during a week in a large cohort of older adults. European Review of Aging and Physical Activity, 2018, 15, 8.	1.3	17
48	Methods for the Real-World Evaluation of Fall Detection Technology: A Scoping Review. Sensors, 2018, 18, 2060.	2.1	43
49	Validation of an accelerometer for measurement of activity in frail older people. Gait and Posture, 2018, 66, 114-117.	0.6	34
50	Expression and Activity of the Small RhoGTPase Cdc42 in Blood Cells of Older Adults Are Associated With Age and Cardiovascular Disease. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 1196-1200.	1.7	20
51	Accuracy of ECG indices for diagnosis of left ventricular hypertrophy in people >65Âyears: results from the ActiFE study. Aging Clinical and Experimental Research, 2017, 29, 875-884.	1.4	7
52	Biomarkers associated with sedentary behaviour in older adults: A systematic review. Ageing Research Reviews, 2017, 35, 87-111.	5.0	76
53	Conceptualizing a Dynamic Fall Risk Model Including Intrinsic Risks and Exposures. Journal of the American Medical Directors Association, 2017, 18, 921-927.	1.2	35
54	The SITLESS project: exercise referral schemes enhanced by self-management strategies to battle sedentary behaviour in older adults: study protocol for a randomised controlled trial. Trials, 2017, 18, 221.	0.7	28

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55	Metabolite profiling in identifying metabolic biomarkers in older people with late-onset type 2 diabetes mellitus. Scientific Reports, 2017, 7, 4392.	1.6	34
56	Right ventricular function assessed by tissue Doppler echocardiography in older subjects without evidence for structural cardiac disease. Aging Clinical and Experimental Research, 2017, 29, 557-562.	1.4	3
57	Effect of Indoor Temperature on Physical Performance in Older Adults during Days with Normal Temperature and Heat Waves. International Journal of Environmental Research and Public Health, 2017, 14, 186.	1.2	14
58	Validation of accuracy of SVM-based fall detection system using real-world fall and non-fall datasets. PLoS ONE, 2017, 12, e0180318.	1.1	60
59	Inertial Sensor Based Analysis of Lie-to-Stand Transfers in Younger and Older Adults. Sensors, 2016, 16, 1277.	2.1	11
60	Objectively Measured Walking Duration and Sedentary Behaviour and Four-Year Mortality in Older People. PLoS ONE, 2016, 11, e0153779.	1.1	49
61	Echocardiographic B-mode evaluation of the right heart in older people: The ActiFE Study. Archives of Gerontology and Geriatrics, 2016, 67, 145-152.	1.4	2
62	Predictive Performance of a Fall Risk Assessment Tool for Community-Dwelling Older People (FRAT-up) in 4 European Cohorts. Journal of the American Medical Directors Association, 2016, 17, 1106-1113.	1.2	35
63	Fall risk as a function of time after admission to sub-acute geriatric hospital units. BMC Geriatrics, 2016, 16, 173.	1.1	18
64	Concurrent Validity of activPAL and activPAL3 Accelerometers in Older Adults. Journal of Aging and Physical Activity, 2016, 24, 444-450.	0.5	26
65	Fall detection algorithms for real-world falls harvested from lumbar sensors in the elderly population: A machine learning approach. , 2016, 2016, 3712-3715.		34
66	The FARSEEING real-world fall repository: a large-scale collaborative database to collect and share sensor signals from real-world falls. European Review of Aging and Physical Activity, 2016, 13, 8.	1.3	67
67	Body mass trajectories, diabetes mellitus, and mortality in a large cohort of Austrian adults. Medicine (United States), 2016, 95, e5608.	0.4	17
68	Changes in life expectancy 1950–2010: contributions from age- and disease-specific mortality in selected countries. Population Health Metrics, 2016, 14, 20.	1.3	70
69	Assessment of fatigability of older women during sit-to-stand performance. Aging Clinical and Experimental Research, 2016, 28, 889-893.	1.4	8
70	A prospective assessment of cardiac biomarkers for hemodynamic stress and necrosis and the risk of falls among older people: the ActiFE study. European Journal of Epidemiology, 2016, 31, 427-435.	2.5	10
71	Problems of older persons using a wheeled walker. Aging Clinical and Experimental Research, 2016, 28, 215-220.	1.4	36
72	Model development to study strategies of younger and older adults getting up from the floor. Aging Clinical and Experimental Research, 2016, 28, 277-287.	1.4	11

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73	Ambulatory Activity Components Deteriorate Differently across Neurodegenerative Diseases: A Cross-Sectional Sensor-Based Study. Neurodegenerative Diseases, 2016, 16, 317-323.	0.8	11
74	Association between vestibulo-ocular reflex suppression, balance, gait, and fall risk in ageing and neurodegenerative disease: protocol of a one-year prospective follow-up study. BMC Neurology, 2015, 15, 192.	0.8	15
75	Objectively measured physical activity and vitamin D status in older people from Germany. Journal of Epidemiology and Community Health, 2015, 69, 388-392.	2.0	20
76	A Wavelet-Based Approach to Fall Detection. Sensors, 2015, 15, 11575-11586.	2.1	40
77	Temporal and kinematic variables for real-world falls harvested from lumbar sensors in the elderly population., 2015, 2015, 5183-6.		6
78	Validity of linear encoder measurement of sit-to-stand performance power in older people. Physiotherapy, 2015, 101, 298-302.	0.2	18
79	Physical Activity and Different Concepts of Fall Risk Estimation in Older People–Results of the ActiFE-Ulm Study. PLoS ONE, 2015, 10, e0129098.	1.1	73
80	Risk for Femoral Fractures in Parkinson's Disease Patients with and without Severe Functional Impairment. PLoS ONE, 2014, 9, e97073.	1.1	33
81	Effect of a Brief Heat Exposure on Blood Pressure and Physical Performance of Older Women Living in the Community—A Pilot-Study. International Journal of Environmental Research and Public Health, 2014, 11, 12623-12631.	1.2	20
82	Fall incidence in Germany: results of two population-based studies, and comparison of retrospective and prospective falls data collection methods. BMC Geriatrics, 2014, 14, 105.	1.1	74
83	Change in Height, Weight, and body mass index: Longitudinal data from <scp>A</scp> ustria. American Journal of Human Biology, 2014, 26, 690-696.	0.8	48
84	Prospective evaluation of renal function, serum vitamin D level, and risk of fall and fracture in community-dwelling elderly subjects. Osteoporosis International, 2014, 25, 923-932.	1.3	17
85	The association between the home environment and physical activity in community-dwelling older adults. Aging Clinical and Experimental Research, 2014, 26, 377-385.	1.4	18
86	Validation of a Body-Worn Accelerometer to Measure Activity Patterns in Octogenarians. Archives of Physical Medicine and Rehabilitation, 2014, 95, 930-934.	0.5	26
87	Effect of cold indoor environment on physical performance of older women living in the community. Age and Ageing, 2014, 43, 571-575.	0.7	35
88	Changes of Body Mass Index in Relation to Mortality: Results of a Cohort of 42,099 Adults. PLoS ONE, 2014, 9, e84817.	1.1	43
89	Seasonality of vitamin D status in older people in Southern Germany: implications for assessment. Age and Ageing, 2013, 42, 404-408.	0.7	45
90	Development of a standard fall data format for signals from body-worn sensors. Zeitschrift Fur Gerontologie Und Geriatrie, 2013, 46, 720-726.	0.8	22

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91	Sturzerkennung mit am Körper getragenen Sensoren. Zeitschrift Fur Gerontologie Und Geriatrie, 2013, 46, 706-719.	0.8	126
92	Quantitative Description of the Lie-to-Sit-to-Stand-to-Walk Transfer by a Single Body-Fixed Sensor. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2013, 21, 624-633.	2.7	26
93	The <scp>PRIPS</scp> study: screening battery for subjects at risk for <scp>P</scp> arkinson's disease. European Journal of Neurology, 2013, 20, 102-108.	1.7	113
94	Assessment of adaptive walking performance. Medical Engineering and Physics, 2013, 35, 217-220.	0.8	26
95	Femoral fracture rates after discharge from the hospital to the community. Journal of Bone and Mineral Research, 2013, 28, 821-827.	3.1	4
96	Association of objectively measured physical activity with established and novel cardiovascular biomarkers in elderly subjects: every step counts. Journal of Epidemiology and Community Health, 2013, 67, 194-197.	2.0	29
97	Differences in Health Behavior, Physical Fitness, and Cardiovascular Risk in Early, Average, and Late Mature Children. Pediatric Exercise Science, 2013, 25, 69-83.	0.5	15
98	Organized Sports, Overweight, and Physical Fitness in Primary School Children in Germany. Journal of Obesity, 2013, 2013, 1-7.	1.1	26
99	Femoral fracture rates in people with and without disability. Age and Ageing, 2012, 41, 653-658.	0.7	41
100	Longitudinal Changes of Nerve Conduction Velocity, Distal Motor Latency, Compound Motor Action Potential Duration, and Skin Temperature During Prolonged Exposure to Cold in a Climate Chamber. International Journal of Neuroscience, 2012, 122, 528-531.	0.8	6
101	Walking on sunshine: effect of weather conditions on physical activity in older people: Figure 1. Journal of Epidemiology and Community Health, 2012, 66, 474-476.	2.0	91
102	Physical activity of moderately impaired elderly stroke patients during rehabilitation. Physiological Measurement, 2012, 33, 1923-1930.	1.2	5
103	Overweight Prevention Implemented by Primary School Teachers: A Randomised Controlled Trial. Obesity Facts, 2012, 5, 1-11.	1.6	38
104	Vorschlag fÃ $\frac{1}{4}$ r ein Mehrphasensturzmodell auf der Basis von Sturzdokumentationen mit am Körper getragenen Sensoren. Zeitschrift Fur Gerontologie Und Geriatrie, 2012, 45, 707-715.	0.8	50
105	Smartphone-based solutions for fall detection and prevention: the FARSEEING approach. Zeitschrift Fur Gerontologie Und Geriatrie, 2012, 45, 722-727.	0.8	90
106	Prevalence and determinants of chronic kidney disease in community-dwelling elderly by various estimating equations. BMC Public Health, 2012, 12, 343.	1.2	33
107	Evaluation of Accelerometer-Based Fall Detection Algorithms on Real-World Falls. PLoS ONE, 2012, 7, e37062.	1.1	359
108	Declining prevalence rates for overweight and obesity in German children starting school. European Journal of Pediatrics, 2012, 171, 289-299.	1.3	81

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109	Physical performance and daily walking duration: associations in 1271 women and men aged 65-90 years. Aging Clinical and Experimental Research, 2012, 24, 455-60.	1.4	18
110	Effects Of A German School-based Overweight Prevention Program On Children's Anthropometry: URMEL-ICE. Medicine and Science in Sports and Exercise, 2011, 43, 23.	0.2	0
111	Robotic-assisted rehabilitation of proximal humerus fractures in virtual environments. Zeitschrift Fur Gerontologie Und Geriatrie, 2011, 44, 387-392.	0.8	20
112	Availability and use of hip protectors in residents of nursing homes. Osteoporosis International, 2011, 22, 1593-1598.	1.3	10
113	Comparison of acceleration signals of simulated and real-world backward falls. Medical Engineering and Physics, 2011, 33, 368-373.	0.8	127
114	Reference Values and Early Determinants of Intra-Abdominal Fat Mass in Primary School Children. Hormone Research in Paediatrics, 2011, 75, 412-422.	0.8	15
115	Enlarged Substantia Nigra Hyperechogenicity and Risk for Parkinson Disease. Archives of Neurology, 2011, 68, 932.	4.9	146
116	Reduction of Femoral Fractures in Long-Term Care Facilities: The Bavarian Fracture Prevention Study. PLoS ONE, 2011, 6, e24311.	1.1	32
117	Determinants For Bmi And Overweight In Parents Of First Grade School Children - Data From Urmel-ice. Medicine and Science in Sports and Exercise, 2010, 42, 773.	0.2	0
118	Effect of a Statewide Fall Prevention Program on Incidence of Femoral Fractures in Residents of Longâ€Term Care Facilities. Journal of the American Geriatrics Society, 2010, 58, 70-75.	1.3	22
119	Excess mortality after pelvic fractures in institutionalized older people. Osteoporosis International, 2010, 21, 1835-1839.	1.3	34
120	Heat-related mortality in residents of nursing homes. Age and Ageing, 2010, 39, 245-252.	0.7	71
121	Serum triglyceride concentrations and cancer risk in a large cohort study in Austria. British Journal of Cancer, 2009, 101, 1202-1206.	2.9	144
122	Determinants of obesity in the Ulm Research on Metabolism, Exercise and Lifestyle in Children (URMEL-ICE). European Journal of Pediatrics, 2009, 168, 1259-1267.	1.3	78
123	Body mass index and mortality: results of a cohort of 184,697 adults in Austria. European Journal of Epidemiology, 2009, 24, 83-91.	2.5	84
124	Fractures after nursing home admission: incidence and potential consequences. Osteoporosis International, 2009, 20, 1775-1783.	1.3	34
125	Secular changes of anthropometric measures for the past 30 years in South-West Germany. European Journal of Clinical Nutrition, 2009, 63, 1440-1443.	1.3	24
126	Use of Penalized Splines in Extended Cox-Type Additive Hazard Regression to Flexibly Estimate the Effect of Time-varying Serum Uric Acid on Risk of Cancer Incidence: A Prospective, Population-Based Study in 78,850 Men. Annals of Epidemiology, 2009, 19, 15-24.	0.9	44

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127	Prospective study of the association of gammaâ€glutamyltransferase with cancer incidence in women. International Journal of Cancer, 2008, 123, 1902-1906.	2.3	81
128	Hip Fractures in Institutionalized Elderly People: Incidence Rates and Excess Mortality. Journal of Bone and Mineral Research, 2008, 23, 1825-1831.	3.1	131
129	Influence of Having Breakfast on Cognitive Performance and Mood in 13- to 20-Year-Old High School Students: Results of a Crossover Trial. Pediatrics, 2008, 122, 279-284.	1.0	95
130	Longitudinal Change in Serum Gamma-Glutamyltransferase and Cardiovascular Disease Mortality. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 1857-1865.	1.1	92
131	Serum Uric Acid and Risk of Cardiovascular Mortality: A Prospective Long-Term Study of 83 683 Austrian Men. Clinical Chemistry, 2008, 54, 273-284.	1.5	189
132	Weight change and cancer risk in a cohort of more than 65 000 adults in Austria. Annals of Oncology, 2008, 19, 641-648.	0.6	81
133	Increasing life expectancy in Germany: quantitative contributions from changes in age- and disease-specific mortality. European Journal of Public Health, 2007, 17, 587-592.	0.1	66
134	Analyses of Case–Control Data for Additional Outcomes. Epidemiology, 2007, 18, 441-445.	1.2	114
135	Fasting blood glucose and cancer risk in a cohort of more than 140,000 adults in Austria. Diabetologia, 2006, 49, 945-952.	2.9	243
136	Obesity and incidence of cancer: a large cohort study of over 145 000 adults in Austria. British Journal of Cancer, 2005, 93, 1062-1067.	2.9	300
137	Every step you take. BMJ: British Medical Journal, O, , l5051.	2.4	7