

Massimiliano Pau

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2315532/publications.pdf>

Version: 2024-02-01

152
papers

2,511
citations

218677

26
h-index

315739

38
g-index

161
all docs

161
docs citations

161
times ranked

2659
citing authors

#	ARTICLE	IF	CITATIONS
1	Do speed bumps really decrease traffic speed? An Italian experience. <i>Accident Analysis and Prevention</i> , 2001, 33, 585-597.	5.7	81
2	Distribution of contact pressure in wheel-rail contact area. <i>Wear</i> , 2002, 253, 265-274.	3.1	69
3	Effect of light and vigorous physical activity on balance and gait of older adults. <i>Archives of Gerontology and Geriatrics</i> , 2014, 59, 568-573.	3.0	65
4	Clinical assessment of gait in individuals with multiple sclerosis using wearable inertial sensors: Comparison with patient-based measure. <i>Multiple Sclerosis and Related Disorders</i> , 2016, 10, 187-191.	2.0	61
5	Effect of spasticity on kinematics of gait and muscular activation in people with Multiple Sclerosis. <i>Journal of the Neurological Sciences</i> , 2015, 358, 339-344.	0.6	57
6	Short-term effects of backpack carriage on plantar pressure and gait in schoolchildren. <i>Journal of Electromyography and Kinesiology</i> , 2015, 25, 406-412.	1.7	54
7	Novel characterization of gait impairments in people with multiple sclerosis by means of the gait profile score. <i>Journal of the Neurological Sciences</i> , 2014, 345, 159-163.	0.6	52
8	Effects of Physical Rehabilitation Integrated with Rhythmic Auditory Stimulation on Spatio-Temporal and Kinematic Parameters of Gait in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2016, 7, 126.	2.4	52
9	The Use of Footstep Sounds as Rhythmic Auditory Stimulation for Gait Rehabilitation in Parkinson's Disease: A Randomized Controlled Trial. <i>Frontiers in Neurology</i> , 2018, 9, 348.	2.4	51
10	Estimation of wheel/rail adhesion coefficient under wet condition with measured boundary friction coefficient and real contact area. <i>Wear</i> , 2011, 271, 32-39.	3.1	50
11	Relationship between static and dynamic balance abilities in Italian professional and youth league soccer players. <i>Physical Therapy in Sport</i> , 2015, 16, 236-241.	1.9	50
12	Does load carriage differentially alter postural sway in overweight vs. normal-weight schoolchildren?. <i>Gait and Posture</i> , 2012, 35, 378-382.	1.4	49
13	Fatigue-Induced Balance Impairment in Young Soccer Players. <i>Journal of Athletic Training</i> , 2014, 49, 454-461.	1.8	48
14	Postural sway modifications induced by backpack carriage in primary school children: a case study in Italy. <i>Ergonomics</i> , 2010, 53, 872-881.	2.1	43
15	Relationship between flat foot condition and gait pattern alterations in children with <i>own syndrome</i> . <i>Journal of Intellectual Disability Research</i> , 2014, 58, 269-276.	2.0	41
16	Walking improvements with nabiximols in patients with multiple sclerosis. <i>Journal of Neurology</i> , 2015, 262, 2472-2477.	3.6	40
17	Pressure Mapping Mat for Tele-Home Care Applications. <i>Sensors</i> , 2016, 16, 365.	3.8	39
18	Smoothness of gait detects early alterations of walking in persons with multiple sclerosis without disability. <i>Gait and Posture</i> , 2017, 58, 307-309.	1.4	39

#	ARTICLE	IF	CITATIONS
19	The effects of low arched feet on foot rotation during gait in children with Down syndrome. <i>Journal of Intellectual Disability Research</i> , 2014, 58, 758-764.	2.0	37
20	Ultrasonic measurements of nominal contact area and contact pressure in a wheel-rail system. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 2000, 214, 231-243.	2.0	36
21	Effects of backpack carriage on foot-ground relationship in children during upright stance. <i>Gait and Posture</i> , 2011, 33, 195-199.	1.4	35
22	Moderate Exercise Improves Cognitive Function in Healthy Elderly People: Results of a Randomized Controlled Trial. <i>Clinical Practice and Epidemiology in Mental Health</i> , 2021, 17, 75-80.	1.2	35
23	Does sensorimotor training improve the static balance of young volleyball players?. <i>Sports Biomechanics</i> , 2012, 11, 97-107.	1.6	33
24	Subthalamic nucleus stimulation and gait in Parkinson's Disease: a not always fruitful relationship. <i>Gait and Posture</i> , 2017, 52, 205-210.	1.4	33
25	Foot-ground interaction during upright standing in children with Down syndrome. <i>Research in Developmental Disabilities</i> , 2012, 33, 1881-1887.	2.2	32
26	Characterization of Static Balance Abilities in Elite Soccer Players by Playing Position and Age. <i>Research in Sports Medicine</i> , 2014, 22, 355-367.	1.3	31
27	Walking in multiple sclerosis improves with tDCS: a randomized, double-blind, sham-controlled study. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 2310-2319.	3.7	30
28	Assessment of Nominal Contact Area Parameters by Means of Ultrasonic Waves. <i>Journal of Tribology</i> , 2004, 126, 639-645.	1.9	27
29	Are static and functional balance abilities related in individuals with Multiple Sclerosis?. <i>Multiple Sclerosis and Related Disorders</i> , 2017, 15, 1-6.	2.0	26
30	Sex-dependent and sex-independent muscle activation patterns in adult gait as a function of age. <i>Experimental Gerontology</i> , 2018, 110, 1-8.	2.8	26
31	Active elderly and health can moderate exercise improve health and wellbeing in older adults? Protocol for a randomized controlled trial. <i>Trials</i> , 2021, 22, 331.	1.6	26
32	Electromyographical Gait Characteristics in Parkinson's Disease: Effects of Combined Physical Therapy and Rhythmic Auditory Stimulation. <i>Frontiers in Neurology</i> , 2018, 9, 211.	2.4	24
33	The Relationships between Physical Activity, Self-Efficacy, and Quality of Life in People with Multiple Sclerosis. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2019, 9, 121.	2.1	23
34	Speed Bumps May Induce Improper Drivers' Behavior: Case Study in Italy. <i>Journal of Transportation Engineering</i> , 2002, 128, 472-478.	0.9	22
35	Estimation of real contact area in a wheel-rail system by means of ultrasonic waves. <i>Tribology International</i> , 2003, 36, 687-690.	5.9	22
36	Effectiveness and Limitations of Unsupervised Home-Based Balance Rehabilitation with Nintendo Wii in People with Multiple Sclerosis. <i>BioMed Research International</i> , 2015, 2015, 1-8.	1.9	22

#	ARTICLE	IF	CITATIONS
37	Clinical assessment of gait and functional mobility in Italian healthy and cognitively impaired older persons using wearable inertial sensors. <i>Aging Clinical and Experimental Research</i> , 2021, 33, 1853-1864.	2.9	22
38	Relationship Between Obesity and Plantar Pressure Distribution in Youths with Down Syndrome. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2013, 92, 889-897.	1.4	21
39	Foot pressure distribution in children with cerebral palsy while standing. <i>Research in Developmental Disabilities</i> , 2015, 41-42, 52-57.	2.2	21
40	Quantitative assessment of the effects of 6 months of adapted physical activity on gait in people with multiple sclerosis: a randomized controlled trial. <i>Disability and Rehabilitation</i> , 2018, 40, 144-151.	1.8	21
41	Quantitative assessment of gait parameters in people with Parkinson's disease in laboratory and clinical setting: Are the measures interchangeable?. <i>Neurology International</i> , 2018, 10, 7729.	2.8	21
42	Smoothness of Gait in Healthy and Cognitively Impaired Individuals: A Study on Italian Elderly Using Wearable Inertial Sensor. <i>Sensors</i> , 2020, 20, 3577.	3.8	21
43	Gait and Functional Mobility in Multiple Sclerosis: Immediate Effects of Transcranial Direct Current Stimulation (tDCS) Paired With Aerobic Exercise. <i>Frontiers in Neurology</i> , 2020, 11, 310.	2.4	21
44	Dynamic postural stability, is associated with competitive level, in youth league soccer players. <i>Physical Therapy in Sport</i> , 2019, 35, 36-41.	1.9	20
45	Rhythmic Auditory Stimulation (RAS) and Motor Rehabilitation in Parkinson's Disease: New Frontiers in Assessment and Intervention Protocols. <i>Open Psychology Journal</i> , 2015, 8, 220-229.	0.3	20
46	Dynamic balance is impaired after a match in young elite soccer players. <i>Physical Therapy in Sport</i> , 2016, 22, 11-15.	1.9	18
47	Do gait patterns differ in men and women with multiple sclerosis?. <i>Multiple Sclerosis and Related Disorders</i> , 2017, 18, 202-208.	2.0	18
48	Texting while walking differently alters gait patterns in people with multiple sclerosis and healthy individuals. <i>Multiple Sclerosis and Related Disorders</i> , 2018, 19, 129-133.	2.0	18
49	Symmetry of Gait in Underweight, Normal and Overweight Children and Adolescents. <i>Sensors</i> , 2019, 19, 2054.	3.8	18
50	Changes in trunk sway of quay crane operators during work shift: A possible marker for fatigue?. <i>Applied Ergonomics</i> , 2017, 65, 105-111.	3.1	17
51	Mental health and motor efficiency of older adults living in the Sardinia's Blue Zone: a follow-up study. <i>International Psychogeriatrics</i> , 2021, 33, 1277-1288.	1.0	17
52	Application of an Ultrasonic Technique to Assess Contact Performance of Bolted Joints. <i>Journal of Pressure Vessel Technology, Transactions of the ASME</i> , 2007, 129, 175-185.	0.6	16
53	A 12-Week Vigorous Exercise Protocol in a Healthy Group of Persons over 65: Study of Physical Function by means of the Senior Fitness Test. <i>BioMed Research International</i> , 2016, 2016, 1-6.	1.9	16
54	Ultrasonic Measurements of Contact Area and Pressure Distribution of a Pneumatic Tire on a Rigid Surface. <i>Tire Science and Technology</i> , 2008, 36, 43-62.	0.4	16

#	ARTICLE	IF	CITATIONS
55	Evaluation of Nominal Contact Area and Contact Pressure Distribution in a Steel-Steel Interface by Means of Ultrasonic Techniques.. JSME International Journal Series C-Mechanical Systems Machine Elements and Manufacturing, 2003, 46, 297-305.	0.3	15
56	Analysis of internal cracks in railway wheels under experimentally determined pressure distributions. Tribology International, 2007, 40, 1147-1160.	5.9	15
57	School-based screening of plantar pressures during level walking with a backpack among overweight and obese schoolchildren. Ergonomics, 2016, 59, 697-703.	2.1	15
58	Fatigue, as measured using the Modified Fatigue Impact Scale, is a predictor of processing speed improvement induced by exercise in patients with multiple sclerosis: data from a randomized controlled trial. Journal of Neurology, 2018, 265, 1328-1333.	3.6	15
59	Does Multiple Sclerosis Differently Impact Physical Activity in Women and Man? A Quantitative Study Based on Wearable Accelerometers. International Journal of Environmental Research and Public Health, 2020, 17, 8848.	2.6	15
60	Plantar pressure patterns in women affected by Ehlers-Danlos syndrome while standing and walking. Research in Developmental Disabilities, 2013, 34, 3720-3726.	2.2	14
61	Foot-type analysis and plantar pressure differences between obese and nonobese adolescents during upright standing. International Journal of Rehabilitation Research, 2016, 39, 87-91.	1.3	14
62	The effect of a telerehabilitation virtual reality intervention on functional upper limb activities in people with multiple sclerosis: a study protocol for the TEAMS pilot randomized controlled trial. Trials, 2020, 21, 713.	1.6	14
63	Measurements of nominal contact area in metallic interfaces: a comparison between an ultrasonic method and a pressure-sensitive film. Wear, 2001, 249, 533-535.	3.1	13
64	Ultrasonic waves for effective assessment of wheel-rail contact anomalies. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2005, 219, 79-90.	2.0	13
65	Timed up and go™ and brain atrophy: a preliminary MRI study to assess functional mobility performance in multiple sclerosis. Journal of Neurology, 2017, 264, 2201-2204.	3.6	13
66	Kinematics Adaptation and Inter-Limb Symmetry during Gait in Obese Adults. Sensors, 2021, 21, 5980.	3.8	13
67	Alterations in the Plantar Pressure Patterns of Overweight and Obese Schoolchildren Due to Backpack Carriage. Journal of the American Podiatric Medical Association, 2013, 103, 306-313.	0.3	12
68	Multidisciplinary Study of Biological Parameters and Fatigue Evolution in Quay Crane Operators. Procedia Manufacturing, 2015, 3, 3301-3308.	1.9	12
69	Quantitative assessment of gait in elderly people affected by Parkinson's Disease. , 2016, , .		12
70	Relationships between objectively assessed functional mobility and handgrip strength in healthy older adults. European Geriatric Medicine, 2018, 9, 201-209.	2.8	12
71	Association between Objectively Measured Physical Activity and Gait Patterns in People with Parkinson's Disease: Results from a 3-Month Monitoring. Parkinson's Disease, 2018, 2018, 1-10.	1.1	12
72	Functional Electrical Stimulation for Foot Drop in Post-Stroke People: Quantitative Effects on Step-to-Step Symmetry of Gait Using a Wearable Inertial Sensor. Sensors, 2021, 21, 921.	3.8	12

#	ARTICLE	IF	CITATIONS
73	An experimentalâ€“numerical approach for the analysis of internally cracked railway wheels. <i>Wear</i> , 2008, 265, 1387-1395.	3.1	11
74	VISUALIZATION OF CONTACT AREAS IN BOLTED JOINTS USING ULTRASONIC WAVES. <i>Experimental Techniques</i> , 2008, 32, 49-53.	1.5	11
75	Use of 3D gait analysis as predictor of Achilles tendon lengthening surgery outcomes in children with cerebral palsy. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2019, 55, 250-257.	2.2	11
76	Kinematic Analysis of Lower Limb Joint Asymmetry During Gait in People with Multiple Sclerosis. <i>Symmetry</i> , 2021, 13, 598.	2.2	11
77	Stresses in the plantar region for longâ€“and shortâ€“range throws in women basketball players. <i>European Journal of Sport Science</i> , 2013, 13, 575-581.	2.7	10
78	Effects of Six Months Training on Physical Capacity and Metaboreflex Activity in Patients with Multiple Sclerosis. <i>Frontiers in Physiology</i> , 2016, 7, 531.	2.8	10
79	Validation of the Arm Profile Score in assessing upper limb functional impairments in people with multiple sclerosis. <i>Clinical Biomechanics</i> , 2018, 51, 45-50.	1.2	10
80	Quantitative assessment of upper limb functional impairments in people with Parkinson's disease. <i>Clinical Biomechanics</i> , 2018, 57, 137-143.	1.2	10
81	Association between brain atrophy and cognitive motor interference in multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2018, 25, 208-211.	2.0	10
82	The Relationships Between Ataxia and Cognition in Spinocerebellar Ataxia Type 2. <i>Cerebellum</i> , 2020, 19, 40-47.	2.5	10
83	Age-Related Changes in Smoothness of Gait of Healthy Children and Early Adolescents. <i>Journal of Motor Behavior</i> , 2020, 52, 694-702.	0.9	10
84	The development of swimming power. <i>Muscles, Ligaments and Tendons Journal</i> , 2019, 04, 438.	0.3	10
85	Experimental analysis of contact for the indentation of a flat rounded punch. <i>International Journal of Solids and Structures</i> , 2006, 43, 7959-7965.	2.7	9
86	Experimental contact pattern analysis for a gear-rack system. <i>Meccanica</i> , 2012, 47, 51-61.	2.0	9
87	Fatigue-induced balance alterations in a group of Italian career and retained firefighters. <i>International Journal of Industrial Ergonomics</i> , 2014, 44, 615-620.	2.6	9
88	Exploring cognitive motor interference in multiple sclerosis by the visual Stroop test. <i>Multiple Sclerosis and Related Disorders</i> , 2018, 22, 8-11.	2.0	9
89	Sex differences in the gait kinematics of patients with Down syndrome: A preliminary report. <i>Journal of Rehabilitation Medicine</i> , 2019, 51, 144-146.	1.1	9
90	Does variability in motor output at individual joints predict stride time variability in gait? Influences of age, sex, and plane of motion. <i>Journal of Biomechanics</i> , 2020, 99, 109574.	2.1	9

#	ARTICLE	IF	CITATIONS
91	Timed Up and Go in men and women with Multiple Sclerosis: Effect of muscular strength. <i>Journal of Bodywork and Movement Therapies</i> , 2020, 24, 124-130.	1.2	9
92	Previous Functional Social and Behavioral Rhythms Affect Resilience to Covid-19-Related Stress among Old Adults. <i>Journal of Public Health Research</i> , 2022, 11, jphr.2022.2768.	1.2	9
93	Effects of immersive virtual reality on upper limb function in subjects with multiple sclerosis: A cross-over study. <i>Multiple Sclerosis and Related Disorders</i> , 2022, 65, 104004.	2.0	9
94	Simultaneous subsurface defect detection and contact parameter assessment in a wheel-rail system. <i>Wear</i> , 2008, 265, 1837-1847.	3.1	8
95	Relationship between gait initiation and disability in individuals affected by multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2015, 4, 594-597.	2.0	8
96	Effect of prolonged sitting on body-seat contact pressures among quay crane operators: A pilot study. <i>Work</i> , 2016, 55, 605-611.	1.1	8
97	Influence of School Schedules on Physical Activity Patterns in Primary School Children: A Case Study in Italy. <i>Journal of Physical Activity and Health</i> , 2017, 14, 501-505.	2.0	8
98	Trunk rotation alters postural sway but not gait in female children and early adolescents: Results from a school-based screening for scoliosis. <i>Gait and Posture</i> , 2018, 61, 301-305.	1.4	8
99	Texting While Walking Induces Gait Pattern Alterations in Healthy Older Adults. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2018, 62, 1908-1912.	0.3	8
100	Trunk Flexion Monitoring among Warehouse Workers Using a Single Inertial Sensor and the Influence of Different Sampling Durations. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7117.	2.6	8
101	Gait strategy and body composition in patients with Prader-Willi syndrome. <i>Eating and Weight Disorders</i> , 2021, 26, 115-124.	2.5	8
102	A Study on Lower Limb Asymmetries in Parkinson's Disease during Gait Assessed through Kinematic-Derived Parameters. <i>Bioengineering</i> , 2022, 9, 120.	3.5	8
103	Postural strategies among office workers during a prolonged sitting bout. <i>Applied Ergonomics</i> , 2022, 102, 103723.	3.1	8
104	Ultrasonic assessment of wheel-rail contact evolution exposed to artificially induced wear. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 2009, 223, 353-364.	2.0	7
105	Foot Type Analysis Based on Electronic Pedobarography Data in Individuals with Joint Hypermobility Syndrome/Ehlers-Danlos Syndrome Hypermobility Type During Upright Standing. <i>Journal of the American Podiatric Medical Association</i> , 2014, 104, 588-593.	0.3	7
106	What gait features influence the amount and intensity of physical activity in people with multiple sclerosis?. <i>Medicine (United States)</i> , 2021, 100, e24931.	1.0	7
107	Lower Limb Kinematics in Individuals with Hip Osteoarthritis during Gait: A Focus on Adaptive Strategies and Interlimb Symmetry. <i>Bioengineering</i> , 2021, 8, 47.	3.5	7
108	Classifying diverse manual material handling tasks using a single wearable sensor. <i>Applied Ergonomics</i> , 2021, 93, 103386.	3.1	7

#	ARTICLE	IF	CITATIONS
109	Use of wrist-worn accelerometers to quantify bilateral upper limb activity and asymmetry under free-living conditions in people with multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2021, 53, 103081.	2.0	7
110	A novel summary kinematic index for postural characterization in subjects with Parkinson's disease. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2020, 56, 142-147.	2.2	7
111	The Required Coefficient of Friction for evaluating gait alterations in people with Multiple Sclerosis during gait. <i>Multiple Sclerosis and Related Disorders</i> , 2016, 10, 174-178.	2.0	6
112	Sex-independent and dependent effects of older age on cycle-to-cycle variability of muscle activation during gait. <i>Experimental Gerontology</i> , 2019, 124, 110656.	2.8	6
113	Is There Any Relationship between Upper and Lower Limb Impairments in People with Multiple Sclerosis? A Kinematic Quantitative Analysis. <i>Multiple Sclerosis International</i> , 2019, 2019, 1-6.	0.8	6
114	Men and women with Down syndrome exhibit different kinematic (but not spatio-temporal) gait patterns. <i>Journal of Intellectual Disability Research</i> , 2019, 63, 64-71.	2.0	6
115	Quantifying gait impairment in individuals affected by Charcot-Marie-Tooth disease: the usefulness of gait profile score and gait variable score. <i>Disability and Rehabilitation</i> , 2020, 42, 737-742.	1.8	6
116	Use of wearable sensors to assess patterns of trunk flexion in young and old workers in the Metalworking Industry. <i>Ergonomics</i> , 2021, 64, 1543-1554.	2.1	6
117	Exercise Improves Long-Term Social and Behavioral Rhythms in Older Adults: Did it Play a Role during the COVID-19 Lockdown?. <i>Journal of Public Health Research</i> , 2022, 11, jphr.2021.2432.	1.2	6
118	Exercise in Older Adults to Prevent Depressive Symptoms at the Time of Covid-19: Results of a Randomized Controlled Trial with Follow-Up. <i>Clinical Practice and Epidemiology in Mental Health</i> , 2022, 18, .	1.2	6
119	Inter-joint coordination during gait in people with multiple sclerosis: A focus on the effect of disability. <i>Multiple Sclerosis and Related Disorders</i> , 2022, 60, 103741.	2.0	6
120	Similarities and Differences of Gait Patterns in Women and Men With Parkinson Disease With Mild Disability. <i>Archives of Physical Medicine and Rehabilitation</i> , 2019, 100, 2039-2045.	0.9	5
121	An experimental analysis on driving behaviour for professional bus drivers. <i>Transportation Research Procedia</i> , 2020, 45, 779-786.	1.5	5
122	Trunk sway changes in professional bus drivers during actual shifts on long-distance routes. <i>Ergonomics</i> , 2022, 65, 762-774.	2.1	5
123	Rehabilitation and Improvement of the Postural Function. <i>BioMed Research International</i> , 2015, 2015, 1-2.	1.9	4
124	Self-reported physical and mental health and motor functioning in elders with and without Parkinson's disease. <i>Psychology, Health and Medicine</i> , 2019, 24, 788-798.	2.4	4
125	Changes in symmetry during gait in adults with Prader-Willi syndrome. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2020, 23, 1094-1101.	1.6	4
126	Postural sway in adolescent athletes: a comparison among volleyball, basketball and gymnastics players. <i>Gazzetta Medica Italiana Archivio Per Le Scienze Mediche</i> , 2017, 176, .	0.1	4

#	ARTICLE	IF	CITATIONS
127	Propagation of Sub-surface Cracks in Railway Wheels for Wear-induced Conformal Contacts. Journal of Mechanical Systems for Transportation and Logistics, 2010, 3, 226-235.	0.2	3
128	Characterization of Pulling Forces Exerted by Primary School Children While Carrying Trolley Bags. Proceedings of the Human Factors and Ergonomics Society, 2013, 57, 501-505.	0.3	3
129	Foot-€“Ground Interaction during Standing in Individuals with Down Syndrome: a Longitudinal Retrospective Study. Journal of Developmental and Physical Disabilities, 2016, 28, 835-847.	1.6	3
130	Upper limb movements in dementia with Lewy body: a quantitative analysis. Experimental Brain Research, 2019, 237, 2105-2110.	1.5	3
131	Memory, subjective memory and motor functioning in non-demented elders with and without Parkinson’s disease. Europe’s Journal of Psychology, 2019, 15, 404-420.	1.3	3
132	Postural Strategies of Bus Drivers During a Regular Work Shift in Urban Area: A Pilot Study. Proceedings of the Human Factors and Ergonomics Society, 2019, 63, 967-971.	0.3	3
133	Effect of fatigue on postural sway in sport-specific positions of young rhythmic gymnasts. Sport Sciences for Health, 2021, 17, 145-152.	1.3	3
134	Analysis of Discomfort During a 4-Hour Shift in Quay Crane Operators Objectively Assessed Through In-Chair Movements. Advances in Intelligent Systems and Computing, 2019, , 90-100.	0.6	3
135	The development of swimming power. Muscles, Ligaments and Tendons Journal, 2014, 4, 438-45.	0.3	3
136	Cyclograms Reveal Alteration of Inter-Joint Coordination during Gait in People with Multiple Sclerosis Minimally Disabled. Biomechanics, 2022, 2, 331-341.	1.2	3
137	Experimental investigation on contact between cylindrical conformal surfaces. Journal of Strain Analysis for Engineering Design, 2004, 39, 315-328.	1.8	2
138	A Study on the Combined Effect of Obesity and Load Carriage on Plantar Pressure Patterns of Primary School Children. Proceedings of the Human Factors and Ergonomics Society, 2011, 55, 1606-1610.	0.3	2
139	Motor proficiency as a correlate of coping in late adult lifespan. An exploratory study. Anxiety, Stress and Coping, 2022, 35, 687-700.	2.9	2
140	Does motor functioning mediate the relationship between executive functions and psychological well-being of atypically developing older adults?. Current Psychology, 0, , 1.	2.8	2
141	Executive and Motor Functions in Older Individuals with Cognitive Impairment. Behavioral Sciences (Basel, Switzerland), 2022, 12, 214.	2.1	2
142	Ultrasonic assessment of wear-induced modifications in engineering contacts. Wear, 2009, 267, 1117-1122.	3.1	1
143	Postural Sway and Foot-Ground Relationship are Significantly Modified by Backpack Carriage during Upright Stance: A Study on Primary School Children. Proceedings of the Human Factors and Ergonomics Society, 2010, 54, 1556-1560.	0.3	1
144	Influence of trajectory and gender on pushing-pulling forces when maneuvering beds in actual hospital paths. Materials Today: Proceedings, 2019, 7, 435-442.	1.8	1

#	ARTICLE	IF	CITATIONS
145	The Impact of SARS-CoV-2 (COVID-19) and its Lockdown Measures on the Mental and Functional Health of Older Individuals. <i>Psychiatric Quarterly</i> , 2021, 92, 1759-1769.	2.1	1
146	Functional mobility in older women with and without motoric cognitive risk syndrome: a quantitative assessment using wearable inertial sensors. <i>Journal of Gerontology and Geriatrics</i> , 2022, 70, 1-8.	0.5	1
147	Effects on Balance and Gait Performance of Vigorous and Light Physical Activity in Elderly People. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 63-64.	0.4	0
148	Use of three-dimensional gait analysis to assess the effectiveness of conventional rehabilitation protocols in people with Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2016, 22, e69.	2.2	0
149	Use of three-dimensional gait analysis to assess the effectiveness of conventional rehabilitation protocols in people with Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2016, 22, e12.	2.2	0
150	Patterns of physical activity in individuals with Parkinson's disease. , 2018, , .		0
151	Characterization of hand forces exerted during non-powered hospital bed pushing and pulling tasks. <i>International Journal of Occupational Safety and Ergonomics</i> , 2021, , 1-9.	1.9	0
152	The contribution of motor efficiency to drawing performance of older people with and without signs of cognitive decline. <i>Applied Neuropsychology Adult</i> , 2021, , 1-8.	1.2	0