

# Massimiliano Pau

## List of Publications by Year in descending order

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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	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
2	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
3	Trunk sway changes in professional bus drivers during actual shifts on long-distance routes. <i>Ergonomics</i> , 2022, 65, 762-774.	2.1	5
4	Motor proficiency as a correlate of coping in late adult lifespan. An exploratory study. <i>Anxiety, Stress and Coping</i> , 2022, 35, 687-700.	2.9	2
5	A Study on Lower Limb Asymmetries in Parkinsonâ€™s Disease during Gait Assessed through Kinematic-Derived Parameters. <i>Bioengineering</i> , 2022, 9, 120.	3.5	8
6	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
7	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
8	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
9	Postural strategies among office workers during a prolonged sitting bout. <i>Applied Ergonomics</i> , 2022, 102, 103723.	3.1	8
10	Executive and Motor Functions in Older Individuals with Cognitive Impairment. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2022, 12, 214.	2.1	2
11	Cyclograms Reveal Alteration of Inter-Joint Coordination during Gait in People with Multiple Sclerosis Minimally Disabled. <i>Biomechanics</i> , 2022, 2, 331-341.	1.2	3
12	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
13	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
14	Mental health and motor efficiency of older adults living in the Sardiniaâ€™s Blue Zone: a follow-up study. <i>International Psychogeriatrics</i> , 2021, 33, 1277-1288.	1.0	17
15	Effect of fatigue on postural sway in sport-specific positions of young rhythmic gymnasts. <i>Sport Sciences for Health</i> , 2021, 17, 145-152.	1.3	3
16	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
17	Gait strategy and body composition in patients with Praderâ€™Willi syndrome. <i>Eating and Weight Disorders</i> , 2021, 26, 115-124.	2.5	8
18	Functional Electrical Stimulation for Foot Drop in Post-Stroke People: Quantitative Effects on Step-to-Step Symmetry of Gait Using a Wearable Inertial Sensor. <i>Sensors</i> , 2021, 21, 921.	3.8	12

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19	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
20	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
21	Kinematic Analysis of Lower Limb Joint Asymmetry During Gait in People with Multiple Sclerosis. <i>Symmetry</i> , 2021, 13, 598.	2.2	11
22	Classifying diverse manual material handling tasks using a single wearable sensor. <i>Applied Ergonomics</i> , 2021, 93, 103386.	3.1	7
23	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
24	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
25	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
26	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
27	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
28	Kinematics Adaptation and Inter-Limb Symmetry during Gait in Obese Adults. <i>Sensors</i> , 2021, 21, 5980.	3.8	13
29	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
30	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
31	The Relationships Between Ataxia and Cognition in Spinocerebellar Ataxia Type 2. <i>Cerebellum</i> , 2020, 19, 40-47.	2.5	10
32	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
33	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
34	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
35	Does Multiple Sclerosis Differently Impact Physical Activity in Women and Man? A Quantitative Study Based on Wearable Accelerometers. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8848.	2.6	15
36	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

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37	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. <i>Trials</i> , 2020, 21, 713.	1.6	14
38	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
39	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
40	An experimental analysis on driving behaviour for professional bus drivers. <i>Transportation Research Procedia</i> , 2020, 45, 779-786.	1.5	5
41	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
42	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
43	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
44	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
45	Upper limb movements in dementia with Lewy body: a quantitative analysis. <i>Experimental Brain Research</i> , 2019, 237, 2105-2110.	1.5	3
46	Influence of trajectory and gender on pushing-pulling forces when maneuvering beds in actual hospital paths. <i>Materials Today: Proceedings</i> , 2019, 7, 435-442.	1.8	1
47	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
48	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
49	Memory, subjective memory and motor functioning in non-demented elders with and without Parkinson's disease. <i>Europe's Journal of Psychology</i> , 2019, 15, 404-420.	1.3	3
50	Symmetry of Gait in Underweight, Normal and Overweight Children and Adolescents. <i>Sensors</i> , 2019, 19, 2054.	3.8	18
51	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
52	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
53	Postural Strategies of Bus Drivers During a Regular Work Shift in Urban Area: A Pilot Study. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2019, 63, 967-971.	0.3	3
54	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

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55	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
56	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
57	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
58	Analysis of Discomfort During a 4-Hour Shift in Quay Crane Operators Objectively Assessed Through In-Chair Movements. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 90-100.	0.6	3
59	The development of swimming power. <i>Muscles, Ligaments and Tendons Journal</i> , 2019, 04, 438.	0.3	10
60	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
61	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
62	Relationships between objectively assessed functional mobility and handgrip strength in healthy older adults. <i>European Geriatric Medicine</i> , 2018, 9, 201-209.	2.8	12
63	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. <i>Journal of Neurology</i> , 2018, 265, 1328-1333.	3.6	15
64	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
65	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
66	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
67	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
68	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
69	Association between Objectively Measured Physical Activity and Gait Patterns in People with Parkinson's Disease: Results from a 3-Month Monitoring. <i>Parkinson's Disease</i> , 2018, 2018, 1-10.	1.1	12
70	Quantitative assessment of upper limb functional impairments in people with Parkinson's disease. <i>Clinical Biomechanics</i> , 2018, 57, 137-143.	1.2	10
71	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
72	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

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73	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
74	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
75	Patterns of physical activity in individuals with Parkinson's disease. , 2018, , .		0
76	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
77	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
78	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
79	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
80	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
81	Timed up and go and brain atrophy: a preliminary MRI study to assess functional mobility performance in multiple sclerosis. <i>Journal of Neurology</i> , 2017, 264, 2201-2204.	3.6	13
82	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
83	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
84	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
85	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
86	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
87	Pressure Mapping Mat for Tele-Home Care Applications. <i>Sensors</i> , 2016, 16, 365.	3.8	39
88	Foot-type analysis and plantar pressure differences between obese and nonobese adolescents during upright standing. <i>International Journal of Rehabilitation Research</i> , 2016, 39, 87-91.	1.3	14
89	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
90	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

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91	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
92	Foot-€“Ground Interaction during Standing in Individuals with Down Syndrome: a Longitudinal Retrospective Study. <i>Journal of Developmental and Physical Disabilities</i> , 2016, 28, 835-847.	1.6	3
93	Quantitative assessment of gait in elderly people affected by Parkinson's Disease. , 2016, , .		12
94	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
95	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
96	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
97	School-based screening of plantar pressures during level walking with a backpack among overweight and obese schoolchildren. <i>Ergonomics</i> , 2016, 59, 697-703.	2.1	15
98	Multidisciplinary Study of Biological Parameters and Fatigue Evolution in Quay Crane Operators. <i>Procedia Manufacturing</i> , 2015, 3, 3301-3308.	1.9	12
99	Rehabilitation and Improvement of the Postural Function. <i>BioMed Research International</i> , 2015, 2015, 1-2.	1.9	4
100	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
101	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
102	Walking improvements with nabiximols in patients with multiple sclerosis. <i>Journal of Neurology</i> , 2015, 262, 2472-2477.	3.6	40
103	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
104	Foot pressure distribution in children with cerebral palsy while standing. <i>Research in Developmental Disabilities</i> , 2015, 41-42, 52-57.	2.2	21
105	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
106	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
107	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
108	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

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109	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
110	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
111	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
112	Fatigue-Induced Balance Impairment in Young Soccer Players. <i>Journal of Athletic Training</i> , 2014, 49, 454-461.	1.8	48
113	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
114	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
115	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
116	Relationship between flat foot condition and gait pattern alterations in children with Down syndrome. <i>Journal of Intellectual Disability Research</i> , 2014, 58, 269-276.	2.0	41
117	The development of swimming power. <i>Muscles, Ligaments and Tendons Journal</i> , 2014, 4, 438-45.	0.3	3
118	Plantar pressure patterns in women affected by Ehlers-Danlos syndrome while standing and walking. <i>Research in Developmental Disabilities</i> , 2013, 34, 3720-3726.	2.2	14
119	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
120	Stresses in the plantar region for long- and short-range throws in women basketball players. <i>European Journal of Sport Science</i> , 2013, 13, 575-581.	2.7	10
121	Alterations in the Plantar Pressure Patterns of Overweight and Obese Schoolchildren Due to Backpack Carriage. <i>Journal of the American Podiatric Medical Association</i> , 2013, 103, 306-313.	0.3	12
122	Characterization of Pulling Forces Exerted by Primary School Children While Carrying Trolley Bags. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2013, 57, 501-505.	0.3	3
123	Does sensorimotor training improve the static balance of young volleyball players?. <i>Sports Biomechanics</i> , 2012, 11, 97-107.	1.6	33
124	Foot-ground interaction during upright standing in children with Down syndrome. <i>Research in Developmental Disabilities</i> , 2012, 33, 1881-1887.	2.2	32
125	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
126	Experimental contact pattern analysis for a gear-rack system. <i>Meccanica</i> , 2012, 47, 51-61.	2.0	9



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127	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
128	A Study on the Combined Effect of Obesity and Load Carriage on Plantar Pressure Patterns of Primary School Children. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2011, 55, 1606-1610.	0.3	2
129	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
130	Propagation of Sub-surface Cracks in Railway Wheels for Wear-induced Conformal Contacts. <i>Journal of Mechanical Systems for Transportation and Logistics</i> , 2010, 3, 226-235.	0.2	3
131	Postural Sway and Foot-Ground Relationship are Significantly Modified by Backpack Carriage during Upright Stance: A Study on Primary School Children. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2010, 54, 1556-1560.	0.3	1
132	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
133	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
134	Ultrasonic assessment of wear-induced modifications in engineering contacts. <i>Wear</i> , 2009, 267, 1117-1122.	3.1	1
135	An experimental-numerical approach for the analysis of internally cracked railway wheels. <i>Wear</i> , 2008, 265, 1387-1395.	3.1	11
136	VISUALIZATION OF CONTACT AREAS IN BOLTED JOINTS USING ULTRASONIC WAVES. <i>Experimental Techniques</i> , 2008, 32, 49-53.	1.5	11
137	Simultaneous subsurface defect detection and contact parameter assessment in a wheel-rail system. <i>Wear</i> , 2008, 265, 1837-1847.	3.1	8
138	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
139	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
140	Analysis of internal cracks in railway wheels under experimentally determined pressure distributions. <i>Tribology International</i> , 2007, 40, 1147-1160.	5.9	15
141	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
142	Ultrasonic waves for effective assessment of wheel-rail contact anomalies. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 2005, 219, 79-90.	2.0	13
143	Assessment of Nominal Contact Area Parameters by Means of Ultrasonic Waves. <i>Journal of Tribology</i> , 2004, 126, 639-645.	1.9	27
144	Experimental investigation on contact between cylindrical conformal surfaces. <i>Journal of Strain Analysis for Engineering Design</i> , 2004, 39, 315-328.	1.8	2

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145	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
146	Evaluation of Nominal Contact Area and Contact Pressure Distribution in a Steel-Steel Interface by Means of Ultrasonic Techniques.. <i>JSME International Journal Series C-Mechanical Systems Machine Elements and Manufacturing</i> , 2003, 46, 297-305.	0.3	15
147	Speed Bumps May Induce Improper Driversâ€™ Behavior: Case Study in Italy. <i>Journal of Transportation Engineering</i> , 2002, 128, 472-478.	0.9	22
148	Distribution of contact pressure in wheelâ€™rail contact area. <i>Wear</i> , 2002, 253, 265-274.	3.1	69
149	Do speed bumps really decrease traffic speed? An Italian experience. <i>Accident Analysis and Prevention</i> , 2001, 33, 585-597.	5.7	81
150	Measurements of nominal contact area in metallic interfaces: a comparison between an ultrasonic method and a pressure-sensitive film. <i>Wear</i> , 2001, 249, 533-535.	3.1	13
151	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
152	Does motor functioning mediate the relationship between executive functions and psychological well-being of atypically developing older adults?. <i>Current Psychology</i> , 0, , 1.	2.8	2