Paolo Capodaglio

List of Publications by Year
in descending order

134 papers	3,299 citations	182225 30 h-index	198040 52 g-index
141 all docs	141 docs citations	141 times ranked	4145 citing authors

#	Article	IF	Citations
1	Therapeutic cannabis for pain management in a patient with Chiari malformation type I during concomitant SARS-COV-2 infection. Journal of Neurosurgical Sciences, 2023, 67, .	0.3	2
2	A Comparative Analysis of Shoes Designed for Subjects with Obesity Using a Single Inertial Sensor: Preliminary Results. Sensors, 2022, 22, 782.	2.1	7
3	Whole-Body Cryostimulation: A Rehabilitation Booster in Post-COVID Patients? A Case Series. Applied Sciences (Switzerland), 2022, 12, 4830.	1.3	6
4	Whole-body cryostimulation in obesity. A scoping review. Journal of Thermal Biology, 2022, 106, 103250.	1.1	15
5	Whole-Body Cryostimulation in Fibromyalgia: A Scoping Review. Applied Sciences (Switzerland), 2022, 12, 4794.	1.3	5
6	Wearables for Movement Analysis in Healthcare. Sensors, 2022, 22, 3720.	2.1	0
7	Implicit facial emotion recognition of fear and anger in obesity. Eating and Weight Disorders, 2021, 26, 1243-1251.	1.2	16
8	Nerve Compression Injuries After Prolonged Prone Position Ventilation in Patients With SARS-CoV-2: A Case Series. Archives of Physical Medicine and Rehabilitation, 2021, 102, 359-362.	0.5	36
9	Gait strategy and body composition in patients with Praderâ€“Willi syndrome. Eating and Weight Disorders, 2021, 26, 115-124.	1.2	8
10	Patients with Severe Obesity during the COVID-19 Pandemic: How to Maintain an Adequate Multidisciplinary Nutritional Rehabilitation Program?. Obesity Facts, 2021, 14, 205-213.	1.6	10
11	The Reliability and Agreement of the Fibromyalgia Survey Questionnaire in an Italian Sample of Obese Patients. Frontiers in Psychology, 2021, 12, 623183.	1.1	6
12	Does Kinesiophobia Mediate the Relationship between Pain Intensity and Disability in Individuals with Chronic Low-Back Pain and Obesity?. Brain Sciences, 2021, 11, 684.	1.1	27
13	Low-Intensity Whole-Body Vibration: A Useful Adjuvant in Managing Obesity? A Pilot Study. Applied Sciences (Switzerland), 2021, 11, 5101.	1.3	0
14	Land and Underwater Gait Analysis Using Wearable IMU. IEEE Sensors Journal, 2021, 21, 11192-11202.	2.4	21
15	Body composition assessment using bioelectrical impedance analysis (BIA) in a wide cohort of patients affected with mild to severe obesity. Clinical Nutrition, 2021, 40, 3973-3981.	2.3	29
16	Psychological functioning in survivors of COVID-19: Evidence from recognition of fearful facial expressions. PLoS ONE, 2021, 16, e0254438.	1.1	3
17	Prevalence of urinary incontinence in a cohort of women with obesity. Physiotherapy Practice and Research, 2021, , 1-6.	0.1	0
18	The Role of Pain Catastrophizing and Pain Acceptance in Performance-Based and Self-Reported Physical Functioning in Individuals with Fibromyalgia and Obesity. Journal of Personalized Medicine, 2021, 11, 810.	1.1	29

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19	Kinematics Adaptation and Inter-Limb Symmetry during Gait in Obese Adults. Sensors, 2021, 21, 5980.	2.1	13
20	Disability assessment in an Italian cohort of patients with obesity using an International Classification of Functioning, Disability and Health (ICF)-derived questionnaire. European Journal of Physical and Rehabilitation Medicine, 2021, 57, 630-638.	1.1	2
21	Effect of Bariatric Surgery on Survival and Hospitalizations in Patients with Severe Obesity. A Retrospective Cohort Study. Nutrients, 2021, 13, 3150.	1.7	4
22	The Association of Kinesiophobia and Pain Catastrophizing with Pain-Related Disability and Pain Intensity in Obesity and Chronic Lower-Back Pain. Brain Sciences, 2021, 11, 11.	1.1	32
23	What Do We Talk About When We Talk About Frailty?. Frontiers in Rehabilitation Sciences, 2021, 2, .	0.5	0
24	Factor Structure, Validity, and Reliability of the STarT Back Screening Tool in Italian Obese and Non-obese Patients With Low Back Pain. Frontiers in Psychology, 2021, 12, 740851.	1.1	1
25	Metabolic Syndromes and Dysmobility. American Journal of Physical Medicine and Rehabilitation, 2021, 100, e32-e33.	0.7	4
26	Effects of a Randomized Home-Based Quality of Movement Protocol on Function, Posture and Strength in Outpatients with Obesity. Healthcare (Switzerland), 2021, 9, 1451.	1.0	4
27	Effect of Obesity on Knee and Ankle Biomechanics during Walking. Sensors, 2021, 21, 7114.	2.1	20
28	Skeletal Muscle Mass, Sarcopenia and Rehabilitation Outcomes in Post-Acute COVID-19 Patients. Journal of Clinical Medicine, 2021, 10, 5623.	1.0	23
29	Balance Control in Obese Subjects during Quiet Stance: A State-of-the Art. Applied Sciences (Switzerland), 2020, 10, 1842.	1.3	4
30	Changes in symmetry during gait in adults with Prader-Willi syndrome. Computer Methods in Biomechanics and Biomedical Engineering, 2020, 23, 1094-1101.	0.9	4
31	ISPRM/ESPRM guidelines on Physical and Rehabilitation Medicine professional practice for adults with obesity and related comorbidities. European Journal of Physical and Rehabilitation Medicine, 2020, 56, 496-507.	1.1	12
32	International Society of Physical and Rehabilitation Medicine/European Society of Physical and Rehabilitation Medicine Guidelines on Physical and Rehabilitation Medicine Professional Practice for Adults with Obesity and Related Comorbidities. The Journal of the International Society of Physical and Rehabilitation Medicine, 2020, 3, 11-21.	0.1	1
33	Aids, Equipment, and Treadmills. , 2020, , 231-255.		0
34	Whole-Body Vibration. , 2020, , 157-171.		0
35	Balance Training. , 2020, , 117-128.		0
36	Repetitive Transcranial Magnetic Stimulation. , 2020, , 205-215.		0

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37	The Post-acute Patient. , 2020, , 129-141.		0
38	Symmetry of Gait in Underweight, Normal and Overweight Children and Adolescents. Sensors, 2019, 19, 2054.	2.1	18
39	A biomechanical study of gait initiation in Down syndrome. BMC Neurology, 2019, 19, 66.	0.8	11
40	Slow versus traditional strength training in obese female participants: preliminary results. International Journal of Rehabilitation Research, 2019, 42, 120-125.	0.7	5
41	Prevalence and burden of obesity in Rehabilitation Units in Italy: a survey. European Journal of Physical and Rehabilitation Medicine, 2019, 55, 137-139.	1.1	5
42	Do wearable sensors add meaningful information to the Timed Up and Go test? A study on obese women. Journal of Electromyography and Kinesiology, 2019, 44, 78-85.	0.7	21
43	Motor control exercises of the lumbar-pelvic region improve respiratory function in obese men. A pilot study. Disability and Rehabilitation, 2018, 40, 152-158.	0.9	9
44	Prevalence of idiopathic scoliosis in anorexia nervosa patients: results from a cross-sectional study. European Spine Journal, 2018, 27, 293-297.	1.0	7
45	ACTonHEALTH study protocol: promoting psychological flexibility with activity tracker and mHealth tools to foster healthful lifestyle for obesity and other chronic health conditions. Trials, 2018, 19, 659.	0.7	25
46	Defining the appropriate setting for treating obese patients: do we have the right tools?. Eating and Weight Disorders, 2018, 23, 871-876.	1.2	5
47	Whole-body vibration training in obese subjects: A systematic review. PLoS ONE, 2018, 13, e0202866.	1.1	50
48	ICF-OB: a multidisciplinary questionnaire based on the International Classification of Functioning, Disability and Health to address disability in obesity. European Journal of Physical and Rehabilitation Medicine, 2018, 54, 119-121.	1.1	2
49	Effects of nanotechnology-based devices on postural control in healthy subjects. Journal of Sports Medicine and Physical Fitness, 2018, 58, 1418-1422.	0.4	3
50	What Is the Role of the Placebo Effect for Pain Relief in Neurorehabilitation? Clinical Implications From the Italian Consensus Conference on Pain in Neurorehabilitation. Frontiers in Neurology, 2018, 9, 310.	1.1	40
51	Computation of spatio-temporal parameters in level walking using a single inertial system in lean and obese adolescents. Biomedizinische Technik, 2017, 62, 505-511.	0.9	14
52	Body-scaled action in obesity during locomotion: Insights on the nature and extent of body representation disturbances. Journal of Psychosomatic Research, 2017, 102, 34-40.	1.2	13
53	Gait initiation and termination strategies in patients with Prader-Willi syndrome. Journal of NeuroEngineering and Rehabilitation, 2017, 14, 44.	2.4	18
54	Evidence-based position paper on Physical and Rehabilitation Medicine (PRM) professional practice for people with obesity and related comorbidities. The European PRM position (UEMS PRM Section). European Journal of Physical and Rehabilitation Medicine, 2017, 53, 611-624.	1.1	8

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55	Spinal Cord Stimulation in Failed Back Surgery Syndrome: Effects on Posture and Gaitâ€"A Preliminary 3D Biomechanical Study. Pain Research and Management, 2017, 2017, 1-9.	0.7	1
56	GH Responsiveness to Combined GH-Releasing Hormone and Arginine Administration in Obese Patients with Fibromyalgia Syndrome. International Journal of Endocrinology, 2017, 2017, 1-6.	0.6	5
57	Dizziness and Falls in Obese Inpatients Undergoing Metabolic Rehabilitation. PLoS ONE, 2017, 12, e0169322.	1.1	11
58	Osteopathic manipulation of the ankle improves spinal flexibility in elite alpine skiers: a pilot study. Gazzetta Medica Italiana Archivio Per Le Scienze Mediche, 2017, 176, .	0.0	0
59	Range of motion limitations of the upper body in obese female workers. Medicina Del Lavoro, 2017, 108, 455-465.	0.3	2
60	Critical review of the equations predicting 6-minute walking distance in obese subjects. Monaldi Archives for Chest Disease, 2016, 81, 745.	0.3	5
61	Psychological Treatments and Psychotherapies in the Neurorehabilitation of Pain: Evidences and Recommendations from the Italian Consensus Conference on Pain in Neurorehabilitation. Frontiers in Psychology, 2016, 7, 115.	1.1	66
62	Psychological Considerations in the Assessment and Treatment of Pain in Neurorehabilitation and Psychological Factors Predictive of Therapeutic Response: Evidence and Recommendations from the Italian Consensus Conference on Pain in Neurorehabilitation. Frontiers in Psychology, 2016, 7, 468.	1.1	43
63	Foot-type analysis and plantar pressure differences between obese and nonobese adolescents during upright standing. International Journal of Rehabilitation Research, 2016, 39, 87-91.	0.7	14
64	Patients with obesity-related comorbidities have higher disability compared with those without obesity-related comorbidities. International Journal of Rehabilitation Research, 2016, 39, 63-69.	0.7	10
65	Does kinematics add meaningful information to clinical assessment in post-stroke upper limb rehabilitation? A case report. Journal of Physical Therapy Science, 2016, 28, 2408-2413.	0.2	11
66	Osteopathic Manipulative Treatment improves gait pattern and posture in adult patients with Praderâ€"Willi syndrome. International Journal of Osteopathic Medicine, 2016, 19, 35-43.	0.4	11
67	Metabolic-Nutritional- Psychological Rehabilitation in Obesity. , 2016, , 83-100.		0
68	Spinal load in nurses during emergency lifting of obese patients: preliminary results. Medicina Del Lavoro, 2016, 107, 356-363.	0.3	2
69	Effects of muscle composition and architecture on specific strength in obese older women. Experimental Physiology, 2015, 100, 1159-1167.	0.9	17
70	Shortâ€term HIIT and Fat_{max} training increase aerobic and metabolic fitness in men with class II and III obesity. Obesity, 2015, 23, 1987-1994.	1.5	53
71	An ICF-Based Model for Implementing and Standardizing Multidisciplinary Obesity Rehabilitation Programs within the Healthcare System. International Journal of Environmental Research and Public Health, 2015, 12, 6084-6091.	1.2	9
72	Gait pattern in lean and obese adolescents. International Journal of Rehabilitation Research, 2015, 38, 40-48.	0.7	14

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73	Long Maximal Incremental Tests Accurately Assess Aerobic Fitness in Class II and III Obese Men. PLoS ONE, 2015, 10, e0124180.	1.1	6
74	Nutritional, Metabolic, and Psychological Rehabilitation. , 2015, , 315-326.		0
75	Obesity and Chronic Low Back Pain. , 2014, , 417-427.		0
76	Skeletal Muscle Characteristics and Motor Performance After 2-Year Growth Hormone Treatment in Adults With Prader-Willi Syndrome. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 1816-1824.	1.8	37
77	The fractal dimension approach in posture: a comparison between Down and Praderâ€“Willi syndrome patients. Computer Methods in Biomechanics and Biomedical Engineering, 2014, 17, 1535-1541.	0.9	9
78	Gait strategy in genetically obese patients: A 7-year follow up. Research in Developmental Disabilities, 2014, 35, 1501-1506.	1.2	7
79	Rehabilitation in obesity with comorbidities: a consensus document from experts of the Italian Society of Physical and Rehabilitation Medicine (SIMFER), the Italian Society of Obesity (SIO) and the Italian Society of Eating Disorders (SISDCA). Eating and Weight Disorders, 2014, 19, 383-386.	1.2	5
80	Center of pressure displacements during gait initiation in individuals with obesity. Journal of NeuroEngineering and Rehabilitation, 2014, 11, 82.	2.4	45
81	Impact of Fibromyalgia on Functioning in Obese Patients Undergoing Comprehensive Rehabilitation. PLoS ONE, 2014, 9, e91392.	1.1	15
82	Overweight is not predictive of reduced effectiveness of orthosis treatment in Adolescent Idiopathic Scoliosis: results from a retrospective cohort. Scoliosis, 2013, 8, .	0.4	0
83	Adolescent idiopathic scoliosis and eating disorders: Is there a relation? Results of a cross-sectional study. Research in Developmental Disabilities, 2013, 34, 1119-1124.	1.2	14
84	Reference values for the 6-Min Walking Test in obese subjects. Disability and Rehabilitation, 2013, 35, 1199-1203.	0.9	43
85	Gait Analysis in Anorexia and Bulimia Nervosa. Journal of Applied Biomaterials and Functional Materials, 2013, 11, 122-128.	0.7	5
86	Effect of obesity onset on pendular energy transduction at spontaneous walking speed: Praderâ€“willi versus nonsyndromal obese individuals. Obesity, 2013, 21, E586-91.	1.5	17
87	Disability Affects the 6-Minute Walking Distance in Obese Subjects (BMI>40 kg/m2). PLoS ONE, 2013, 8, e75491.	1.1	39
88	Biomechanics of Basic Activities. , 2013, , 39-53.		1
89	The Obesity-Related Disability. , 2013, , 55-76.		3
90	Effectiveness of in-patient rehabilitation in obesity-related orthopedic conditions. Journal of Endocrinological Investigation, 2013, 36, 628-31.	1.8	8

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91	Critical Aspects in Nursing. , 2013, , 77-106.		0
92	Effectiveness of Multidisciplinary Inpatient and Outpatient Rehabilitation on Functional Outcomes in Obese Patients with Orthopedic Comorbidities. , 2013, , 107-124.		1
93	Measuring changes after multidisciplinary rehabilitation of obese individuals. Journal of Endocrinological Investigation, 2013, 36, 72-7.	1.8	6
94	Rationale for hospital-based rehabilitation in obesity with comorbidities. European Journal of Physical and Rehabilitation Medicine, 2013, 49, 399-417.	1.1	17
95	Balance Control and Balance Recovery in Obesity. Current Obesity Reports, 2012, 1, 166-173.	3.5	22
96	Osteopathic manipulative treatment in obese patients with chronic low back pain: A pilot study. Manual Therapy, 2012, 17, 451-455.	1.6	42
97	Characterisation of balance capacity in Praderâ€“Willi patients. Research in Developmental Disabilities, 2011, 32, 81-86.	1.2	32
98	Postural strategies in Praderâ€“Willi and Down syndrome patients. Research in Developmental Disabilities, 2011, 32, 669-673.	1.2	46
99	The effects of muscle hypotonia and weakness on balance: A study on Praderâ€“Willi and Ehlersâ€“Danlos syndrome patients. Research in Developmental Disabilities, 2011, 32, 1117-1121.	1.2	32
100	Gait pattern in two rare genetic conditions characterized by muscular hypotonia: Ehlersâ€“Danlos and Praderâ€“Willi syndrome. Research in Developmental Disabilities, 2011, 32, 1722-1728.	1.2	19
101	The effect of vision on postural strategies in Praderâ€“Willi patients. Research in Developmental Disabilities, 2011, 32, 1965-1969.	1.2	10
102	Mechanisms underlying center of pressure displacements in obese subjects during quiet stance. Journal of NeuroEngineering and Rehabilitation, 2011, 8, 20.	2.4	18
103	Postural adaptations to long-term training in Prader-Willi patients. Journal of NeuroEngineering and Rehabilitation, 2011, 8, 26.	2.4	17
104	Fractal dimension approach in postural control of subjects with Prader-Willi Syndrome. Journal of NeuroEngineering and Rehabilitation, 2011, 8, 45.	2.4	23
105	Effects of obesity and chronic low back pain on gait. Journal of NeuroEngineering and Rehabilitation, 2011, 8, 55.	2.4	44
106	Assessing disability in morbidly obese individuals: the Italian Society of Obesity test for obesity-related disabilities. Disability and Rehabilitation, 2011, 33, 2509-2518.	0.9	42
107	Gait patterns in Prader-Willi and Down syndrome patients. Journal of NeuroEngineering and Rehabilitation, 2010, 7, 28.	2.4	76
108	Effect of obesity and low back pain on spinal mobility: a cross sectional study in women. Journal of NeuroEngineering and Rehabilitation, 2010, 7, 3.	2.4	84

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109	Functional Limitations and Occupational Issues in Obesity: A Review. International Journal of Occupational Safety and Ergonomics, 2010, 16, 507-523.	1.1	73
110	Poster 227: Disability in Obesity. PM and R, 2010, 2, S102.	0.9	0
111	Effectiveness of a 6-month home-based training program in Prader-Willi patients. Research in Developmental Disabilities, 2010, 31, 1373-1379.	1.2	34
112	Strength characterization of knee flexor and extensor muscles in Prader-Willi and obese patients. BMC Musculoskeletal Disorders, 2009, 10, 47.	0.8	65
113	Genderâ€specific Effect of Obesity on Balance. Obesity, 2009, 17, 1951-1956.	1.5	133
114	Mechanical External Work and Recovery at Preferred Walking Speed in Obese Subjects. Medicine and Science in Sports and Exercise, 2009, 41, 426-434.	0.2	75
115	Resistance training of long duration modulates force and unloaded shortening velocity of single muscle fibres of young women. Journal of Electromyography and Kinesiology, 2009, 19, e290-e300.	0.7	34
116	Obesity and Disability. International Journal of Rehabilitation Research, 2009, 32, S8.	0.7	1
117	Long-term resistance training improves force and unloaded shortening velocity of single muscle fibres of elderly women. European Journal of Applied Physiology, 2008, 104, 885-893.	1.2	28
118	Poster 128: Functional Evaluation of the Spine in Obese Women With Low Back Pain: Is Kinematic Useful?. Archives of Physical Medicine and Rehabilitation, 2008, 89, e61.	0.5	0
119	Long-term strength training for community-dwelling people over 75: impact on muscle function, functional ability and life style. European Journal of Applied Physiology, 2007, 100, 535-542.	1.2	84
120	Muscle function and functional ability improves more in community-dwelling older women with a mixed-strength training programme. Age and Ageing, 2005, 34, 141-147.	0.7	51
121	Effects of a partially supervised training program in subjects over 75 years of age. Aging Clinical and Experimental Research, 2005, 17, 174-180.	1.4	8
122	Changes in life-style and function in 70â€“83-year-old subjects participating in a 1-year strength training programme. International Congress Series, 2005, 1280, 353-358.	0.2	0
123	Impact of physical training and detraining on endothelium-dependent vasodilation in patients with recent acute myocardial infarction. American Heart Journal, 2004, 147, 1039-1046.	1.2	92
124	Strength and power changes of the human plantar flexors and knee extensors in response to resistance training in old age. Acta Physiologica Scandinavica, 2003, 177, 69-78.	2.3	233
125	Effect of aging on human muscle architecture. Journal of Applied Physiology, 2003, 95, 2229-2234.	1.2	421
126	Plantar flexor activation capacity and H reflex in older adults: adaptations to strength training. Journal of Applied Physiology, 2002, 92, 2292-2302.	1.2	177

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127	Effectiveness of a home-based strengthening program for elderly males in Italy. A preliminary study. Aging Clinical and Experimental Research, 2002, 14, 28-34.	1.4	22
128	Effects of a 16-week progressive high-intensity strength training (HIST) on indexes of bone turnover in men over 65 years: A randomized controlled study. Journal of Endocrinological Investigation, 2001, 24, 882-886.	1.8	19
129	Reliability of a hand gripping endurance test. Ergonomics, 1997, 40, 428-434.	1.1	16
130	A field methodology for ergonomic analysis in occupational manual materials handling. Applied Ergonomics, 1997, 28, 203-208.	1.7	11
131	Tolerable exercise intensity in the early rehabilitation of paraplegic patients. A preliminary study. Spinal Cord, 1996, 34, 684-690.	0.9	23
132	Predicting endurance limits in arm cranking exercise with a subjectively based method. Ergonomics, 1996, 39, 924-932.	1.1	11
133	Tolerability to prolonged lifting tasks assessed by subjective perception and physiological responses. Ergonomics, 1995, 38, 2118-2128.	1.1	4
134	Changes in paravertebral EMG spectrum parallel to strength increases after rehabilitation in chronic low back pain patients. Clinical Rehabilitation, 1995, 9, 354-362.	1.0	13