Luigi Tesio

List of Publications by Year in Descending Order

111 papers	3,499 citations	31 h-index	57 g-index
120 ext. papers	4,106 ext. citations	2.8 avg, IF	5.31 L-index

#	Paper	IF	Citations
111	Holism and Reductionism in the Illness/Disease Debate. *The Frontiers Collection*, **2022**, 743-778	0.3	
110	Balance Impairment in Fahr Disease: Mixed Signs of Parkinsonism and Cerebellar Disorder. A Case Study.. *Frontiers in Human Neuroscience*, **2022**, 16, 832170	3.3	1
109	Multisensory stimulation for the rehabilitation of unilateral spatial neglect. *Neuropsychological Rehabilitation*, **2021**, 31, 1410-1443	3.1	6
108	Kinematic patterns during walking in children: Application of principal component analysis. *Human Movement Science*, **2021**, 80, 102892	2.4	1
107	COVID-19 pandemic: why time-dependent rehabilitation is forgotten. *International Journal of Rehabilitation Research*, **2021**, 44, 1-2	1.8	1
106	Efficacy of Repetitive Transcranial Magnetic Stimulation for Acute Central Post-stroke Pain: A Case Study. *Frontiers in Neurology*, **2021**, 12, 742567	4.1	0
105	Ground Walking in Chronic Complete Spinal Cord Injury: Does Epidural Stimulation Allow "Awakening" of Corticospinal Circuits? A Wide-Ranging Epistemic Criticism. *American Journal of Physical Medicine and Rehabilitation*, **2021**, 100, e43-e47	2.6	3
104	The illness-disease dichotomy and the biological-clinical splitting of medicine. *Medical Humanities*, **2021**, 47, 507-512	1.4	7
103	The curvature peaks of the trajectory of the body centre of mass during walking: A new index of dynamic balance. *Journal of Biomechanics*, **2021**, 123, 110486	2.9	2
102	Dynamic Asymmetries Do Not Match Spatiotemporal Step Asymmetries during Split-Belt Walking. *Symmetry*, **2021**, 13, 1089	2.7	0
101	A theoretical framework to improve the construct for chronic pain disorders using fibromyalgia as an example. *Therapeutic Advances in Musculoskeletal Disease*, **2021**, 13, 1759720X20966490	3.8	3
100	Velocity of the Body Center of Mass During Walking on Split-Belt Treadmill. *American Journal of Physical Medicine and Rehabilitation*, **2021**, 100, 620-624	2.6	3
99	Quadriceps activation during maximal isometric and isokinetic contractions: The minimal real difference and its implications. *Isokinetics and Exercise Science*, **2021**, 29, 277-289	0.6	1
98	How motoneurones control velocity of tension development. *Journal of Physiology*, **2020**, 598, 1109-1119	3.9	1
97	Individualized Coaching After Stroke Does Not Work: How Much or Which One?. *American Journal of Physical Medicine and Rehabilitation*, **2020**, 99, e3-e6	2.6	3
96	Physical and rehabilitation medicine targets relational organs. *International Journal of Rehabilitation Research*, **2020**, 43, 193-194	1.8	3
95	The Motion of Body Center of Mass During Walking: A Review Oriented to Clinical Applications. *Frontiers in Neurology*, **2019**, 10, 999	4.1	56

94	Measuring voluntary activation of the Quadriceps femoris during isokinetic concentric contractions. *Isokinetics and Exercise Science*, **2019**, 27, 125-134	0.6	2
93	6.3B Scientific background of physical and rehabilitation medicine: Specificity of a clinical science. *The Journal of the International Society of Physical and Rehabilitation Medicine*, **2019**, 2, 113	0.6	5
92	Three-dimensional path of the body centre of mass during walking in children: an index of neural maturation. *International Journal of Rehabilitation Research*, **2019**, 42, 112-119	1.8	6
91	rTMS can improve post-stroke apraxia of speech. A case study. *Brain Stimulation*, **2019**, 12, 380-382	5.1	2
90	Phonemic fluency improved after inhibitory transcranial magnetic stimulation in a case of chronic aphasia. *International Journal of Rehabilitation Research*, **2019**, 42, 92-95	1.8	5
89	Comments on the Spinal Cord Ability Ruler. *Spinal Cord*, **2018**, 56, 523-524	2.7	0
88	Inpatient Rehabilitation Units: Age and Comorbidities Are Not Relevant if Admission Fits the Mission. *Practical Issues in Geriatrics*, **2018**, 521-529	0.1	
87	Efficacy and Safety of Extracranial Vein Angioplasty in Multiple Sclerosis: A Randomized Clinical Trial. *JAMA Neurology*, **2018**, 75, 35-43	17.2	43
86	Limping on split-belt treadmills implies opposite kinematic and dynamic lower limb asymmetries. *International Journal of Rehabilitation Research*, **2018**, 41, 304-315	1.8	7
85	Crying spells triggered by thumb-index rubbing after thalamic stroke: a case report. *BMC Research Notes*, **2017**, 10, 109	2.3	2
84	Crouch gait can be an effective form of forced-use/no constraint exercise for the paretic lower limb in stroke. *International Journal of Rehabilitation Research*, **2017**, 40, 254-267	1.8	7
83	Gait analysis on force treadmill in children: comparison with results from ground-based force platforms. *International Journal of Rehabilitation Research*, **2017**, 40, 315-324	1.8	11
82	SIAMOC position paper on gait analysis in clinical practice: General requirements, methods and appropriateness. Results of an Italian consensus conference. *Gait and Posture*, **2017**, 58, 252-260	2.6	44
81	APAs Constraints to Voluntary Movements: The Case for Limb Movements Coupling. *Frontiers in Human Neuroscience*, **2017**, 11, 152	3.3	6
80	Knee rotationplasty: motion of the body centre of mass during walking. *International Journal of Rehabilitation Research*, **2016**, 39, 346-353	1.8	12
79	Bimanual dexterity assessment: validation of a revised form of the turning subtest from the Minnesota Dexterity Test. *International Journal of Rehabilitation Research*, **2016**, 39, 57-62	1.8	7
78	Improving ideomotor limb apraxia by electrical stimulation of the left posterior parietal cortex. *Brain*, **2015**, 138, 428-39	11.2	52
77	Home-based palliative approach for people with severe multiple sclerosis and their carers: study protocol for a randomized controlled trial. *Trials*, **2015**, 16, 184	2.8	24

76	Funding Medical Research Projects: Taking into Account RefereesRSeverity and Consistency through Many-Faceted Rasch Modeling of ProjectsRScores. *Journal of Applied Measurement*, **2015**, 16, 129-52	0.3	1
75	Electromyographic latency of postural evoked responses from the leg muscles during EquiTest Computerised Dynamic Posturography: Reference data on healthy subjects. *Journal of Electromyography and Kinesiology*, **2014**, 24, 126-33	2.5	3
74	Surgical leg rotation: cortical neuroplasticity assessed through brain mapping using transcranial magnetic stimulation. *International Journal of Rehabilitation Research*, **2014**, 37, 323-33	1.8	6
73	Use of Rasch analysis to refine a patient-reported questionnaire on satisfaction with communication of the multiple sclerosis diagnosis. *Multiple Sclerosis Journal*, **2014**, 20, 1224-33	5	10
72	Italian multicentre observational study of the prevalence of CCSVI in multiple sclerosis (CoSMo study): rationale, design, and methodology. *Neurological Sciences*, **2013**, 34, 1297-307	3.5	14
71	Measuring standing balance in adults: reliability and minimal real difference of 14 instrumental measures. *International Journal of Rehabilitation Research*, **2013**, 36, 362-74	1.8	17
70	Alternative medicines: yes; alternatives to medicine: no. *American Journal of Physical Medicine and Rehabilitation*, **2013**, 92, 542-5	2.6	4
69	Observational case-control study of the prevalence of chronic cerebrospinal venous insufficiency in multiple sclerosis: results from the CoSMo study. *Multiple Sclerosis Journal*, **2013**, 19, 1508-17	5	35
68	Efficacy and safety of venous angioplasty of the extracranial veins for multiple sclerosis. Brave dreams study (brain venous drainage exploited against multiple sclerosis): study protocol for a randomized controlled trial. *Trials*, **2012**, 13, 183	2.8	13
67	How should we use the visual analogue scale (VAS) in rehabilitation outcomes? I: How much of what? The seductive VAS numbers are not true measures. *Journal of Rehabilitation Medicine*, **2012**, 44, 798-9; discussion 803-4	3.4	14
66	How specific is a medical speciality? A semiserious game to test your understanding of physical and rehabilitation medicine. *International Journal of Rehabilitation Research*, **2012**, 35, 378-81	1.8	4
65	Outcome measurement in behavioural sciences: a view on how to shift attention from means to individuals and why. *International Journal of Rehabilitation Research*, **2012**, 35, 1-12	1.8	31
64	A new grading for easy and concise description of functional status after spinal cord lesions. *Spinal Cord*, **2012**, 50, 42-50	2.7	5
63	Neurophysiological and behavioral effects of tDCS combined with constraint-induced movement therapy in poststroke patients. *Neurorehabilitation and Neural Repair*, **2011**, 25, 819-29	4.7	214
62	The 3D trajectory of the body centre of mass during adult human walking: evidence for a speed-curvature power law. *Journal of Biomechanics*, **2011**, 44, 732-40	2.9	18
61	Generic ABILHAND questionnaire can measure manual ability across a variety of motor impairments. *International Journal of Rehabilitation Research*, **2011**, 34, 131-40	1.8	22
60	The subjective visual vertical: validation of a simple test. *International Journal of Rehabilitation Research*, **2011**, 34, 307-15	1.8	14
59	Walk ratio (step length/cadence) as a summary index of neuromotor control of gait: application to multiple sclerosis. *International Journal of Rehabilitation Research*, **2011**, 34, 265-9	1.8	48

58	Rehabilitating patients with left spatial neglect by prism exposure during a visuomotor activity. *Neuropsychology*, **2010**, 24, 681-97	3.8	90
57	The 3D path of body centre of mass during adult human walking on force treadmill. *Journal of Biomechanics*, **2010**, 43, 938-44	2.9	33
56	The good-hearted and the clever: clinical medicine at the bottom of the barrel of science. *Journal of Medicine and the Person*, **2010**, 8, 103-111		3
55	Rasch-derived latent trait measurement of outcomes: insightful use leads to precision case management and evidence-based practices in functional healthcare. *Journal of Applied Measurement*, **2010**, 11, 230-43	0.3	
54	Spinal Cord Independence Measure, version III: applicability to the UK spinal cord injured population. *Journal of Rehabilitation Medicine*, **2009**, 41, 723-8	3.4	29
53	Quality of life measurement: one size fits all. Rehabilitation medicine makes no exception. *Journal of Medicine and the Person*, **2009**, 7, 5-9		7
52	Gait analysis on split-belt force treadmills: validation of an instrument. *American Journal of Physical Medicine and Rehabilitation*, **2008**, 87, 515-26	2.6	37
51	Rasch analysis: valid, useful,or both?. *European Journal of Physical and Rehabilitation Medicine*, **2008**, 44, 365-6	4.4	2
50	Don℞ touch the physical in "physical and rehabilitation medicine". *Acta Dermato-Venereologica*, **2007**, 39, 662-3	2.2	11
49	A multicenter international study on the Spinal Cord Independence Measure, version III: Rasch psychometric validation. *Spinal Cord*, **2007**, 45, 275-91	2.7	214
48	RTW in back conditions. *Disability and Rehabilitation*, **2007**, 29, 1377-85	2.4	14
47	Rehabilitation and outcome measurement: where is Rasch analysis-going?. *Europa Medicophysica*, **2007**, 43, 417-26		7
46	Functional assessment in rehabilitative medicine: principles and methods. *Europa Medicophysica*, **2007**, 43, 515-23		12
45	Depression is the main determinant of quality of life in multiple sclerosis: a classification-regression (CART) study. *Disability and Rehabilitation*, **2006**, 28, 307-14	2.4	118
44	MINDFIM: a measure of disability in high-functioning traumatic brain injury outpatients. *Brain Injury*, **2006**, 20, 913-25	2.1	8
43	Cross-cultural validity of FIM in spinal cord injury. *Spinal Cord*, **2006**, 44, 746-52	2.7	38
42	A model for fatigue generation and exercise prescription in multiple sclerosis patients. *Neurological Sciences*, **2006**, 27, s300-s303	3.5	2
41	Cross-cultural validity of functional independence measure items in stroke: a study using Rasch analysis. *Journal of Rehabilitation Medicine*, **2005**, 37, 23-31	3.4	48

40	Psychometric properties of the Mini-Mental State Examination in patients with acquired brain injury in Turkey. *Journal of Rehabilitation Medicine*, **2005**, 37, 306-11	3.4	30
39	Assessing and adjusting for cross-cultural validity of impairment and activity limitation scales through differential item functioning within the framework of the Rasch model: the PRO-ESOR project. *Medical Care*, **2004**, 42, I37-48	3.1	210
38	Measurement in clinical vs. biological medicine: the Rasch model as a bridge on a widening gap. *Journal of Applied Measurement*, **2004**, 5, 362-6	0.3	13
37	Functional mobility measures in older adults after hip fracture. *American Journal of Physical Medicine and Rehabilitation*, **2003**, 82, 901-2	2.6	6
36	Measuring behaviours and perceptions: Rasch analysis as a tool for rehabilitation research. *Journal of Rehabilitation Medicine*, **2003**, 35, 105-15	3.4	203
35	Behavioral assessment of unilateral neglect: study of the psychometric properties of the Catherine Bergego Scale. *Archives of Physical Medicine and Rehabilitation*, **2003**, 84, 51-7	2.8	214
34	Psychometric properties of the Rivermead Mobility Index in Italian stroke rehabilitation inpatients. *Clinical Rehabilitation*, **2003**, 17, 273-82	3.3	27
33	Satisfaction with hospital rehabilitation: is it related to life satisfaction, functional status, age or education?. *Journal of Rehabilitation Medicine*, **2002**, 34, 105-8	3.4	19
32	The FIM instrument in the United States and Italy: a comparative study. *American Journal of Physical Medicine and Rehabilitation*, **2002**, 81, 168-76	2.6	40
31	Reliability of muscle strength testing quantified by the intraclass correlation coefficient. *Archives of Physical Medicine and Rehabilitation*, **2002**, 83, 582	2.8	12
30	Mobility scales for lower limb-prosthetic patient: the locomotor capabilities index. *Archives of Physical Medicine and Rehabilitation*, **2002**, 83, 582-3; author reply 583	2.8	2
29	Level of Activity in Profound/Severe Mental Retardation (LAPMER): a Rasch-derived scale of disability. *Journal of Applied Measurement*, **2002**, 3, 50-84	0.3	5
28	The ABILHAND questionnaire as a measure of manual ability in chronic stroke patients: Rasch-based validation and relationship to upper limb impairment. *Stroke*, **2001**, 32, 1627-34	6.7	196
27	The use of outcome measures in physical medicine and rehabilitation within Europe. *Journal of Rehabilitation Medicine*, **2001**, 33, 273-8	3.4	91
26	Case-mix in rehabilitation: a useful way to achieve a specific goal. *Clinical Rehabilitation*, **2000**, 14, 112-4	3.3	
25	Short form of the Dizziness Handicap Inventory: construction and validation through Rasch analysis. *American Journal of Physical Medicine and Rehabilitation*, **1999**, 78, 233-41	2.6	77
24	Life Satisfaction Index: Italian version and validation of a short form. *American Journal of Physical Medicine and Rehabilitation*, **1999**, 78, 509-15	2.6	15
23	The 3-D motion of the centre of gravity of the human body during level walking. I. Normal subjects at low and intermediate walking speeds. *Clinical Biomechanics*, **1998**, 13, 77-82	2.2	45

22	The 3-D motion of the centre of gravity of the human body during level walking. II. Lower limb amputees. *Clinical Biomechanics*, **1998**, 13, 83-90	2.2	59
21	ABILHAND: a Rasch-built measure of manual ability. *Archives of Physical Medicine and Rehabilitation*, **1998**, 79, 1038-42	2.8	155
20	Reliability of four simple, quantitative tests of balance and mobility in healthy elderly females. *Aging Clinical and Experimental Research*, **1998**, 10, 26-31	4.8	84
19	A unidimensional pain/disability measure for low-back pain syndromes. *Pain*, **1997**, 69, 269-278	8	42
18	Trunk control test as an early predictor of stroke rehabilitation outcome. *Stroke*, **1997**, 28, 1382-5	6.7	170
17	EMG-Feedback from two muscles in postural reactions: A new pocket device for the patient-therapist pair. *Journal of Electromyography and Kinesiology*, **1996**, 6, 277-9	2.5	3
16	Role of neurological research in rehabilitation after central nervous system diseases. *Italian Journal of Neurological Sciences*, **1996**, 17, 255-6		
15	The influence of age on length of stay, functional independence and discharge destination of rehabilitation inpatients in Italy. *Disability and Rehabilitation*, **1996**, 18, 502-8	2.4	19
14	Reply from DR L Tesio MD. *Spinal Cord*, **1995**, 33, 740-740	2.7	
13	Flexible electrogoniometers: kinesiological advantages with respect to potentiometric goniometers. *Clinical Biomechanics*, **1995**, 10, 275-277	2.2	26
12	Rehabilitation: the Cinderella of neurological research? A bibliometric study. *Italian Journal of Neurological Sciences*, **1995**, 16, 473-7		10
11	Autotraction treatment for low-back pain in pregnancy: a pilot study. *Clinical Rehabilitation*, **1994**, 8, 314-319	3.3	1
10	Restoration of gait with orthoses in thoracic paraplegia: a multicentric investigation. *Spinal Cord*, **1994**, 32, 608-15	2.7	23
9	Coordination of Cyclic Coupled Movements of Hand and Foot in Normal Subjects and on the Healthy Side of Hemiplegic Patients **1994**, 229-242		9
8	Autotraction versus passive traction: an open controlled study in lumbar disc herniation. *Archives of Physical Medicine and Rehabilitation*, **1993**, 74, 871-6	2.8	39
7	Spinal cord lesion after penicillin gluteal injection. *Spinal Cord*, **1992**, 30, 442-4	2.7	8
6	The cause of back pain and sciatica may be a venous matter too. *Rheumatology*, **1991**, 30, 70-1	3.9	4
5	From neuroplastic potential to actual recovery after stroke: a call for cooperation between drugs and exercise. *Aging Clinical and Experimental Research*, **1991**, 3, 97-8	4.8	2

4	Pathological gaits: inefficiency is not a rule. *Clinical Biomechanics*, **1991**, 6, 47-50	2.2	33
3	Transient palsy of hip abductors after a fall on the buttocks. *Archives of Orthopaedic and Trauma Surgery*, **1990**, 109, 164-5	3.6	12
2	Frequency coding of input signal transients in alpha motoneurones of cat. *Brain Research*, **1979**, 160, 155-8	3.7	3
1	Ataxia and imbalance in multiple sclerosis201-214		1