

Roberto Gatti

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

2,451
citations

236925

25
h-index

233421

45
g-index

79
all docs

79
docs citations

79
times ranked

3742
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of the Italian version of the Consultation and Relational Empathy (CARE) measure: translation, internal reliability, and construct validity in patients undergoing rehabilitation after total hip and knee arthroplasty. <i>Disability and Rehabilitation</i> , 2022, , 1-6.	1.8	3
2	Mapping brain structure and function in professional fencers: A model to study training effects on central nervous system plasticity. <i>Human Brain Mapping</i> , 2022, 43, 3375-3385.	3.6	3
3	Neuromuscular activation of quadriceps bellies during tasks performed in the same biomechanical condition in patients undergoing total knee arthroplasty. <i>Journal of Electromyography and Kinesiology</i> , 2022, 64, 102659.	1.7	2
4	Efficacy and characteristics of physiotherapy interventions in patients with lumbar spinal stenosis: a systematic review. <i>European Spine Journal</i> , 2022, 31, 1370-1390.	2.2	1
5	Dispersion of Knee Helical Axes during Walking after Maximal versus Resistant Strength Training in Healthy Subjects. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5850.	2.5	1
6	Static and dynamic pelvic kinematics after one-stage bilateral or unilateral total hip arthroplasty. <i>HIP International</i> , 2021, 31, 729-734.	1.7	7
7	The role of mirror mechanism in the recovery, maintenance, and acquisition of motor abilities. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 127, 404-423.	6.1	40
8	Sensory trick phenomenon in cervical dystonia: a functional MRI study. <i>Journal of Neurology</i> , 2020, 267, 1103-1115.	3.6	27
9	Enriched environment or enriched therapy? Time for clarification. <i>Physiotherapy Theory and Practice</i> , 2020, 36, 1175-1178.	1.3	1
10	Dispersion of knee helical axes during walking in young and elderly healthy subjects. <i>Journal of Biomechanics</i> , 2020, 109, 109944.	2.1	6
11	A two-year multicenter point prevalence study of older patients with hip fractures admitted to rehabilitation units in Italy. <i>European Geriatric Medicine</i> , 2020, 11, 573-580.	2.8	1
12	Efficacy and Characteristics of the Stimuli of Action Observation Therapy in Subjects With Parkinson's Disease: A Systematic Review. <i>Frontiers in Neurology</i> , 2020, 11, 808.	2.4	15
13	Dispersion of shoulder helical axes during upper limb movements after muscle fatigue. <i>Journal of Biomechanics</i> , 2020, 113, 110075.	2.1	2
14	Association among patient satisfaction, functional outcomes, and physiotherapy approaches after arthroscopic rotator cuff repair. <i>Journal of Arthroscopy and Joint Surgery</i> , 2020, 7, 78-81.	0.3	1
15	Conservative Treatment and Percutaneous Pain Relief Techniques in Patients with Lumbar Spinal Stenosis: WFNS Spine Committee Recommendations. <i>World Neurosurgery: X</i> , 2020, 7, 100079.	1.1	16
16	Does walking the day of total hip arthroplasty speed up functional independence? A non-randomized controlled study. <i>Archives of Physiotherapy</i> , 2020, 10, 8.	1.8	9
17	Conservative vs. surgical approach for degenerative meniscal injuries: a systematic review of clinical evidence. <i>European Review for Medical and Pharmacological Sciences</i> , 2020, 24, 2874-2885.	0.7	14
18	Functional and structural plasticity following action observation training in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2019, 25, 1472-1487.	3.0	26

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19	Capsulectomy vs capsulotomy in total hip arthroplasty. Clinical outcomes and proprioception evaluation: Study protocol for a randomized, controlled, double blinded trial. Journal of Orthopaedics, 2019, 16, 526-533.	1.3	5
20	Functional and postural recovery after bilateral or unilateral total hip arthroplasty. Journal of Electromyography and Kinesiology, 2019, 48, 205-211.	1.7	15
21	Can action observation modulate balance performance in healthy subjects?. Archives of Physiotherapy, 2019, 9, 1.	1.8	15
22	Gait analysis in patients after bilateral versus unilateral total hip arthroplasty. Gait and Posture, 2019, 72, 46-50.	1.4	24
23	Can strenuous exercise harm the heart? Insights from a study of cardiovascular neural regulation in amateur triathletes. PLoS ONE, 2019, 14, e0216567.	2.5	14
24	Effects of different classroom temperatures on cardiac autonomic control and cognitive performances in undergraduate students. Physiological Measurement, 2019, 40, 054005.	2.1	26
25	Dispersion of helical axes during shoulder movements in young and elderly subjects. Journal of Biomechanics, 2019, 88, 72-77.	2.1	9
26	Cognitive training with action-related verbs induces neural plasticity in the action representation system as assessed by gray matter brain morphometry. Neuropsychologia, 2018, 114, 186-194.	1.6	11
27	Brain motor functional changes after somatosensory discrimination training. Brain Imaging and Behavior, 2018, 12, 1011-1021.	2.1	22
28	Constraint-induced movement therapy for upper extremities in people with stroke. The Cochrane Library, 2017, 2017, CD004433.	2.8	106
29	The effect of action observation/execution on mirror neuron system recruitment: an fMRI study in healthy individuals. Brain Imaging and Behavior, 2017, 11, 565-576.	2.1	47
30	Brain plasticity in Parkinson's disease with freezing of gait induced by action observation training. Journal of Neurology, 2017, 264, 88-101.	3.6	101
31	Action observation training modifies brain gray matter structure in healthy adult individuals. Brain Imaging and Behavior, 2017, 11, 1343-1352.	2.1	12
32	The association between patient participation and functional gain following inpatient rehabilitation. Aging Clinical and Experimental Research, 2017, 29, 729-736.	2.9	17
33	Cortical Motor Circuits after Piano Training in Adulthood: Neurophysiologic Evidence. PLoS ONE, 2016, 11, e0157526.	2.5	11
34	5th National Congress of the Italian Society of Physiotherapy. Archives of Physiotherapy, 2016, 6, .	1.8	0
35	Longitudinal MRI quantification of muscle degeneration in Duchenne muscular dystrophy. Annals of Clinical and Translational Neurology, 2016, 3, 607-622.	3.7	50
36	Constraint-Induced Movement Therapy for Upper Extremities in People With Stroke. Stroke, 2016, 47, .	2.0	6

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37	The Location of Peak Upper Trapezius Muscle Activity During Submaximal Contractions is not Associated With the Location of Myofascial Trigger Points. <i>Clinical Journal of Pain</i> , 2016, 32, 1044-1052.	1.9	13
38	Intra-arterial transplantation of HLA-matched donor mesoangioblasts in Duchenne muscular dystrophy. <i>EMBO Molecular Medicine</i> , 2015, 7, 1513-1528.	6.9	146
39	From a national to an international journal: a new opportunity for the physiotherapy community. <i>Archives of Physiotherapy</i> , 2015, 5, 1.	1.8	2
40	Finite helical axis for the analysis of joint kinematics: comparison of an electromagnetic and an optical motion capture system. <i>Archives of Physiotherapy</i> , 2015, 5, 8.	1.8	5
41	Action observation training to improve motor function recovery: a systematic review. <i>Archives of Physiotherapy</i> , 2015, 5, 14.	1.8	77
42	Brain structural and functional connectivity in Parkinson's disease with freezing of gait. <i>Human Brain Mapping</i> , 2015, 36, 5064-5078.	3.6	154
43	Test-retest reliability of pain extent and pain location using a novel method for pain drawing analysis. <i>European Journal of Pain</i> , 2015, 19, 1129-1138.	2.8	84
44	Teaching how to improve activities and participation of elderly subjects: the carelessness of the Italian Academia shown by the national qualification for physiotherapists. <i>Aging Clinical and Experimental Research</i> , 2015, 27, 243-244.	2.9	5
45	Rehabilitation that incorporates virtual reality is more effective than standard rehabilitation for improving walking speed, balance and mobility after stroke: a systematic review. <i>Journal of Physiotherapy</i> , 2015, 61, 117-124.	1.7	236
46	Action observation and motor imagery in performance of complex movements: Evidence from EEG and kinematics analysis. <i>Behavioural Brain Research</i> , 2015, 281, 290-300.	2.2	62
47	Improving Hand Functional Use in Subjects with Multiple Sclerosis Using a Musical Keyboard: A Randomized Controlled Trial. <i>Physiotherapy Research International</i> , 2015, 20, 100-107.	1.5	20
48	Has the Italian Academia Missed an Opportunity?. <i>Physical Therapy</i> , 2014, 94, 1358-1360.	2.4	9
49	Balance exercise in patients with chronic sensory ataxic neuropathy: a pilot study. <i>Journal of the Peripheral Nervous System</i> , 2014, 19, 145-151.	3.1	11
50	Constraint-induced movement therapy: trial sequential analysis applied to Cochrane collaboration systematic review results. <i>Trials</i> , 2014, 15, 512.	1.6	6
51	Predictors of effectiveness of multidisciplinary rehabilitation treatment on motor dysfunction in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2014, 20, 862-870.	3.0	11
52	Myofascial trigger points and innervation zone locations in upper trapezius muscles. <i>BMC Musculoskeletal Disorders</i> , 2013, 14, 179.	1.9	43
53	Effects of coupled upper limbs movements on postural stabilisation. <i>Journal of Electromyography and Kinesiology</i> , 2013, 23, 1222-1228.	1.7	9
54	Action observation versus motor imagery in learning a complex motor task: A short review of literature and a kinematics study. <i>Neuroscience Letters</i> , 2013, 540, 37-42.	2.1	128

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55	The disembodiment effect of negation: negating action-related sentences attenuates their interference on congruent upper limb movements. <i>Journal of Neurophysiology</i> , 2013, 109, 1782-1792.	1.8	27
56	Efficacy of Muscle Exercise in Patients with Muscular Dystrophy: A Systematic Review Showing a Missed Opportunity to Improve Outcomes. <i>PLoS ONE</i> , 2013, 8, e65414.	2.5	50
57	Intra-rater reliability of an experienced physiotherapist in locating myofascial trigger points in upper trapezius muscle. <i>Journal of Manual and Manipulative Therapy</i> , 2012, 20, 171-177.	1.2	57
58	Quantitative muscle strength assessment in duchenne muscular dystrophy: longitudinal study and correlation with functional measures. <i>BMC Neurology</i> , 2012, 12, 91.	1.8	52
59	Training of Manual Actions Improves Language Understanding of Semantically Related Action Sentences. <i>Frontiers in Psychology</i> , 2012, 3, 547.	2.1	28
60	Evaluation and training of hands and feet movements performed with different strategies: A kinematic study. <i>Clinical Neurology and Neurosurgery</i> , 2011, 113, 218-223.	1.4	5
61	Aerobic and resistance training effects compared to aerobic training alone in obese type 2 diabetic patients on diet treatment. <i>Diabetes Research and Clinical Practice</i> , 2011, 94, 395-403.	2.8	47
62	Reliability of surface EMG matrix in locating the innervation zone of upper trapezius muscle. <i>Journal of Electromyography and Kinesiology</i> , 2011, 21, 827-833.	1.7	28
63	Impact of fatigue on the efficacy of rehabilitation in multiple sclerosis. <i>Journal of Neurology</i> , 2011, 258, 835-839.	3.6	21
64	Action observation treatment improves autonomy in daily activities in Parkinson's disease patients: Results from a pilot study. <i>Movement Disorders</i> , 2011, 26, 1963-1964.	3.9	78
65	Validation of the Treadmill Six-Minute Walk Test in People Following Cardiac Surgery. <i>Physical Therapy</i> , 2011, 91, 566-576.	2.4	21
66	Efficacy of Trunk Balance Exercises for Individuals With Chronic Low Back Pain: A Randomized Clinical Trial. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2011, 41, 542-552.	3.5	50
67	Constraint-Induced Movement Therapy for Upper Extremities in Patients With Stroke. <i>Stroke</i> , 2010, 41, .	2.0	4
68	P4.35 Outcome measures validation study for mesoangioblasts transplantation in children affected by Duchenne muscular dystrophy. <i>Neuromuscular Disorders</i> , 2010, 20, 668-669.	0.6	0
69	Motor Learning in Healthy Humans Is Associated to Gray Matter Changes: A Tensor-Based Morphometry Study. <i>PLoS ONE</i> , 2010, 5, e10198.	2.5	68
70	Influence of task complexity during coordinated hand and foot movements in MS patients with and without fatigue. <i>Journal of Neurology</i> , 2009, 256, 470-482.	3.6	30
71	Constraint-induced movement therapy for upper extremities in stroke patients. , 2009, , CD004433.		115
72	Motion analysis after total knee arthroplasty. <i>Sport Sciences for Health</i> , 2008, 4, 1-6.	1.3	2

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73	Electromyographic activity to keep a lower limb in a raised position in healthy subjects and subjects with multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2008, 14, 691-693.	3.0	0
74	Influence of body segment position during in-phase and antiphase hand and foot movements: A kinematic and functional MRI study. <i>Human Brain Mapping</i> , 2007, 28, 218-227.	3.6	20
75	Electromyographic activity of the rectus abdominis muscle during exercise performed with the AB Slider. <i>Sport Sciences for Health</i> , 2006, 1, 109-112.	1.3	0
76	Persistence of congenital mirror movements after hemiplegic stroke. <i>American Journal of Neuroradiology</i> , 2005, 26, 831-4.	2.4	10
77	EMG-Feedback from two muscles in postural reactions: A new pocket device for the patient-therapist pair. <i>Journal of Electromyography and Kinesiology</i> , 1996, 6, 277-279.	1.7	4
78	Flexible electrogoniometers: kinesiographical advantages with respect to potentiometric goniometers. <i>Clinical Biomechanics</i> , 1995, 10, 275-277.	1.2	37