

Irene Aprile

List of Publications by Year in descending order

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Version: 2024-02-01

93
papers

2,821
citations

136740

32
h-index

205818

48
g-index

95
all docs

95
docs citations

95
times ranked

2963
citing authors

#	ARTICLE	IF	CITATIONS
1	Age is negatively associated with upper limb recovery after conventional but not robotic rehabilitation in patients with stroke: a secondary analysis of a randomized-controlled trial. <i>Journal of Neurology</i> , 2021, 268, 474-483.	1.8	4
2	Influence of Cognitive Impairment on the Recovery of Subjects with Subacute Stroke Undergoing Upper Limb Robotic Rehabilitation. <i>Brain Sciences</i> , 2021, 11, 587.	1.1	12
3	Robot-Assisted Training for Upper Limb in Stroke (ROBOTAS): An Observational, Multicenter Study to Identify Determinants of Efficacy. <i>Journal of Clinical Medicine</i> , 2021, 10, 5245.	1.0	9
4	Technological rehabilitation versus conventional rehabilitation following hip replacement: A prospective controlled study. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2020, 33, 561-568.	0.4	2
5	Cognitive reserve as a useful variable to address robotic or conventional upper limb rehabilitation treatment after stroke: a multicentre study of the Fondazione Don Carlo Gnocchi. <i>European Journal of Neurology</i> , 2020, 27, 392-398.	1.7	18
6	Reliability, validity and discriminant ability of a robotic device for finger training in patients with subacute stroke. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2020, 17, 1.	2.4	118
7	Upper Limb Robotic Rehabilitation After Stroke: A Multicenter, Randomized Clinical Trial. <i>Journal of Neurologic Physical Therapy</i> , 2020, 44, 3-14.	0.7	73
8	Mobility Disorders in Stroke, Parkinson Disease, and Multiple Sclerosis. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2020, 99, 41-47.	0.7	12
9	Total Serum Calcium and Recovery after Rehabilitation in Patients with Stroke. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7893.	1.3	2
10	Robotic Rehabilitation: An Opportunity to Improve Cognitive Functions in Subjects With Stroke. An Explorative Study. <i>Frontiers in Neurology</i> , 2020, 11, 588285.	1.1	22
11	Vitamin D and Rehabilitation after Stroke: Status of Art. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1973.	1.3	6
12	Stroke Gait Rehabilitation: A Comparison of End-Effector, Overground Exoskeleton, and Conventional Gait Training. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2627.	1.3	27
13	Educational and Exercise Intervention to Prevent Falls and Improve Participation in Subjects With Neurological Conditions: The NEUROFALL Randomized Controlled Trial. <i>Frontiers in Neurology</i> , 2019, 10, 865.	1.1	20
14	Efficacy of end-effector Robot-Assisted Gait Training in subacute stroke patients: Clinical and gait outcomes from a pilot bi-centre study. <i>NeuroRehabilitation</i> , 2019, 45, 201-212.	0.5	19
15	Upper Limb Robotics in Rehabilitation: An Approach to Select the Devices, Based on Rehabilitation Aims, and Their Evaluation in a Feasibility Study. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3920.	1.3	20
16	Improving the Efficiency of Robot-Mediated Rehabilitation by Using a New Organizational Model: An Observational Feasibility Study in an Italian Rehabilitation Center. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 5357.	1.3	7
17	The impact of strabismus surgery on gait pattern in patients with congenital or starting within one year of age strabismus. <i>Neuroscience Letters</i> , 2018, 670, 22-30.	1.0	4
18	Does First Ray Amputation in Diabetic Patients Influence Gait and Quality of Life?. <i>Journal of Foot and Ankle Surgery</i> , 2018, 57, 44-51.	0.5	26

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19	Prediction of Falls in Subjects Suffering From Parkinson Disease, Multiple Sclerosis, and Stroke. Archives of Physical Medicine and Rehabilitation, 2018, 99, 641-651.	0.5	51
20	Robotic and Sensor Technology for Upper Limb Rehabilitation. PM and R, 2018, 10, S189-S197.	0.9	54
21	Reliability, validity and discriminant ability of the instrumental indices provided by a novel planar robotic device for upper limb rehabilitation. Journal of NeuroEngineering and Rehabilitation, 2018, 15, 39.	2.4	30
22	Response to Letter "Prediction of Falls in Subjects Suffering From Parkinson Disease, Multiple Sclerosis, and Stroke: Methodologic Issues" Archives of Physical Medicine and Rehabilitation, 2018, 99, 1688-1689.	0.5	1
23	Efficacy of Robotic-Assisted Gait Training in chronic stroke patients: Preliminary results of an Italian bi-centre study. NeuroRehabilitation, 2017, 41, 775-782.	0.5	17
24	An exploratory study of BDNF and oxidative stress marker alterations in subacute and chronic stroke patients affected by neuropathic pain. Journal of Neural Transmission, 2017, 124, 1557-1566.	1.4	13
25	Arm rehabilitation in post stroke subjects: A randomized controlled trial on the efficacy of myoelectrically driven FES applied in a task-oriented approach. PLoS ONE, 2017, 12, e0188642.	1.1	35
26	A wearable setup for auditory cued gait analysis in patients with Parkinson's Disease. , 2016, , .		5
27	Balance in subjects with congenital or early onset strabismus: Influence of age. Neuroscience Letters, 2016, 623, 28-35.	1.0	13
28	Use of a Virtual-Technological Sailing Program to Prepare Children With Disabilities for a Real Sailing Course. Journal of Child Neurology, 2016, 31, 1074-1080.	0.7	10
29	The relationship between back pain and schoolbag use: a cross-sectional study of 5,318 Italian students. Spine Journal, 2016, 16, 748-755.	0.6	28
30	Muscle focal vibration in healthy subjects: evaluation of the effects on upper limb motor performance measured using a robotic device. European Journal of Applied Physiology, 2016, 116, 729-737.	1.2	9
31	Occurrence and predictors of the fatigue in high-grade glioma patients. Neurological Sciences, 2015, 36, 1363-1369.	0.9	23
32	Walking strategies in subjects with congenital or early onset strabismus. Frontiers in Human Neuroscience, 2014, 8, 484.	1.0	9
33	Kinematic Analysis of the Upper Limb Motor Strategies in Stroke Patients as a Tool towards Advanced Neurorehabilitation Strategies: A Preliminary Study. BioMed Research International, 2014, 2014, 1-8.	0.9	46
34	Rehabilitation in total hip replacement: need for a consensus. Physical Therapy Reviews, 2014, 19, 277-278.	0.3	1
35	Misdiagnosis of herpes zoster neuralgia: nerve ultrasound allowed diagnosing schwannoma of the intercostal nerve. Neurological Sciences, 2014, 35, 131-133.	0.9	6
36	Appetite course over time and the risk of death in patients on chronic hemodialysis. International Urology and Nephrology, 2013, 45, 1091-1096.	0.6	6

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37	Improved sensory status and quality-of-life measures in adult patients after strabismus surgery. <i>Journal of AAPOS</i> , 2013, 17, 25-28.	0.2	36
38	Consistence and discrepancy of neuropathic pain screening tools DN4 and ID-Pain. <i>Neurological Sciences</i> , 2013, 34, 373-377.	0.9	36
39	Pain in Postsurgical Orthopedic Rehabilitation: A Multicenter Study. <i>Pain Medicine</i> , 2012, 13, 769-776.	0.9	7
40	Natural history of Charcotâ€“Marie-Tooth 2: 2-year follow-up of muscle strength, walking ability and quality of life. <i>Neurological Sciences</i> , 2010, 31, 175-178.	0.9	17
41	Five Ws on falls in disability patients. <i>Injury Prevention</i> , 2010, 16, 286-286.	1.2	2
42	A new clinical scale to grade the impairment of median nerve in carpal tunnel syndrome. <i>Clinical Neurophysiology</i> , 2010, 121, 1066-1071.	0.7	14
43	Quality of life and pain in patients with facioscapulohumeral muscular dystrophy. <i>Muscle and Nerve</i> , 2009, 40, 200-205.	1.0	59
44	Italian multicentre study of peroneal mononeuropathy: multiperspective follow-up. <i>Neurological Sciences</i> , 2009, 30, 37-44.	0.9	16
45	Levodopa therapy reduces DNA damage in peripheral blood cells of patients with Parkinsonâ€™s disease. <i>Cell Biology and Toxicology</i> , 2009, 25, 321-330.	2.4	26
46	Effects of rehabilitation treatment on thyroid function. <i>Clinical Endocrinology</i> , 2009, 70, 644-649.	1.2	4
47	Relationship between clinical examination, Quality of Life, disability and depression in CMT patients: Italian Multicenter study. <i>Neurological Sciences</i> , 2008, 29, 157-162.	0.9	22
48	Correlation between clinical/neurophysiological findings and quality of life in Charcotâ€“Marieâ€“Tooth type 1A. <i>Journal of the Peripheral Nervous System</i> , 2008, 13, 64-70.	1.4	37
49	IN-RATIO: A new test to increase diagnostic sensitivity in ulnar nerve entrapment at elbow. <i>Clinical Neurophysiology</i> , 2008, 119, 1600-1606.	0.7	21
50	Effects of rehabilitation on quality of life in patients with chronic stroke. <i>Brain Injury</i> , 2008, 22, 451-456.	0.6	38
51	Natural history of CMT1A including QoL: A 2-year prospective study. <i>Neuromuscular Disorders</i> , 2008, 18, 199-203.	0.3	40
52	Determinants of Change in Quality of Life from 1 to 6 Months following Acute Stroke – A Comment. <i>Cerebrovascular Diseases</i> , 2008, 26, 453-454.	0.8	0
53	Effect of pre-operative physiotherapy in patients with end-stage osteoarthritis undergoing hip arthroplasty. <i>Clinical Rehabilitation</i> , 2008, 22, 977-986.	1.0	71
54	Contribution of ultrasound in a neurophysiological lab in diagnosing nerve impairment: A one-year systematic assessment. <i>Clinical Neurophysiology</i> , 2007, 118, 1410-1416.	0.7	80

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55	A systematic review of conservative treatment of carpal tunnel syndrome. <i>Clinical Rehabilitation</i> , 2007, 21, 299-314.	1.0	176
56	Prospective study of positive factors for improvement of carpal tunnel syndrome in pregnant women. <i>Muscle and Nerve</i> , 2007, 36, 778-783.	1.0	28
57	Multicentre study of peroneal mononeuropathy: multiperspective follow-up of nonsurgical cases. <i>Journal of the Peripheral Nervous System</i> , 2007, 12, 232-233.	1.4	2
58	Health-related quality of life in patients with adolescent idiopathic scoliosis after treatment: short-term effects after brace or surgical treatment, a comment. <i>European Spine Journal</i> , 2007, 16, 1962-1963.	1.0	6
59	Double peak sensory responses: effects of capsaicin. <i>Neurological Sciences</i> , 2007, 28, 264-269.	0.9	10
60	Distribution of paresthesias in Carpal Tunnel Syndrome reflects the degree of nerve damage at wrist†. <i>Clinical Neurophysiology</i> , 2006, 117, 228-231.	0.7	53
61	Seronegative myasthenia gravis: comparison of neurophysiological picture in MuSK+ and MuSK- patients. <i>European Journal of Neurology</i> , 2006, 13, 273-276.	1.7	53
62	Post traumatic femoral mononeuropathy. <i>Journal of Neurology</i> , 2006, 253, 655-656.	1.8	4
63	Schwannoma of the median nerve (even outside the wrist) may mimic carpal tunnel syndrome. <i>Neurological Sciences</i> , 2006, 26, 430-434.	0.9	24
64	Predictive variables on disability and quality of life in stroke outpatients undergoing rehabilitation. <i>Neurological Sciences</i> , 2006, 27, 40-46.	0.9	74
65	A self-administered questionnaire of ulnar neuropathy at the elbow. <i>Neurological Sciences</i> , 2006, 27, 402-411.	0.9	52
66	Variables influencing quality of life and disability in Charcot Marie Tooth (CMT) patients: Italian multicentre study. <i>Neurological Sciences</i> , 2006, 27, 417-423.	0.9	37
67	Long-Term Outcome After Stroke Evaluating Health-Related Quality of Life Using Utility Measurement. <i>Stroke</i> , 2006, 37, 2218-2219.	1.0	10
68	Sex differences in carpal tunnel syndrome: comparison of surgical and non-surgical populations. <i>European Journal of Neurology</i> , 2005, 12, 976-983.	1.7	38
69	Assessment of health status in children with spina bifida. <i>Spinal Cord</i> , 2005, 43, 230-235.	0.9	54
70	Quality of life and disability assessment in neuropathy: a multicentre study. <i>Journal of the Peripheral Nervous System</i> , 2005, 10, 3-10.	1.4	34
71	Multicenter study of peroneal mononeuropathy: clinical, neurophysiologic, and quality of life assessment. <i>Journal of the Peripheral Nervous System</i> , 2005, 10, 259-268.	1.4	73
72	Myasthenia gravis self-administered questionnaire: development of regional domains. <i>Neurological Sciences</i> , 2005, 25, 331-336.	0.9	14

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73	Back pain in pregnancy: 1-year follow-up of untreated cases. <i>European Spine Journal</i> , 2005, 14, 151-154.	1.0	24
74	Boston Carpal Tunnel Questionnaire: the influence of diagnosis on patient-oriented results. <i>Neurological Research</i> , 2005, 27, 522-524.	0.6	6
75	Intravenous immunoglobulin treatment in autoimmune neurological disorders: pilot study on early effects on patients' quality of life. <i>Journal of the Peripheral Nervous System</i> , 2004, 9, 3-6.	1.4	6
76	Reader's comment. <i>World Neurosurgery</i> , 2004, 62, 572.	1.3	0
77	Occurrence of nerve entrapment lesion in chronic inflammatory demyelinating polyneuropathy. <i>Clinical Neurophysiology</i> , 2004, 115, 1140-1144.	0.7	15
78	Double peak sensory responses at submaximal stimulation. <i>Clinical Neurophysiology</i> , 2003, 114, 256-262.	0.7	19
79	Multineuritis of cranial nerves following inhalation of toxins. <i>Neurological Research</i> , 2003, 25, 208-210.	0.6	0
80	Natural history of ulnar entrapment at elbow. <i>Clinical Neurophysiology</i> , 2002, 113, 1980-1984.	0.7	59
81	Quality of life in patients with myasthenia gravis. <i>Muscle and Nerve</i> , 2002, 25, 466-467.	1.0	22
82	Carpal tunnel syndrome modifies sensory hand cortical somatotopy: A MEG study. <i>Human Brain Mapping</i> , 2002, 17, 28-36.	1.9	146
83	Myasthenia gravis outcome measure: development and validation of a disease-specific self-administered questionnaire. <i>Neurological Sciences</i> , 2002, 23, 59-68.	0.9	59
84	Lower limb nerve impairment in diabetic patients: multiperspective assessment. <i>European Journal of Neurology</i> , 2002, 9, 69-73.	1.7	13
85	A useful electrophysiological test for diagnosis of minimal conduction block. <i>Clinical Neurophysiology</i> , 2001, 112, 1041-1048.	0.7	15
86	Clinical and neurophysiological outcome of surgery in extreme carpal tunnel syndrome. <i>Clinical Neurophysiology</i> , 2001, 112, 1237-1242.	0.7	76
87	Symptoms and neurophysiological picture of carpal tunnel syndrome in pregnancy. <i>Clinical Neurophysiology</i> , 2001, 112, 1946-1951.	0.7	71
88	Health-related quality of life in type 1 diabetic patients and influence of peripheral nerve involvement. <i>Neurological Sciences</i> , 2001, 22, 239-245.	0.9	17
89	Health-related quality of life in patients with myasthenia gravis and the relationship between patient-oriented assessment and conventional measurements. <i>Neurological Sciences</i> , 2001, 22, 363-369.	0.9	76
90	Neurophysiological classification of ulnar entrapment across the elbow. <i>Neurological Sciences</i> , 2001, 22, 11-16.	0.9	60

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91	Multiperspective Assessment of Peripheral Nerve Involvement in Diabetic Patients. <i>European Neurology</i> , 2001, 45, 214-221.	0.6	9
92	Peroneal mononeuropathy: predisposing factors, and clinical and neurophysiological relationships. <i>Neurological Sciences</i> , 2000, 21, 367-371.	0.9	54
93	Neurophysiological assessment in the diagnosis of botulism: Usefulness of single-fiber EMG. , 1999, 22, 1388-1392.		46