

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	A systematic review of conservative treatment of carpal tunnel syndrome. <i>Clinical Rehabilitation</i> , 2007, 21, 299-314.	1.0	176
2	Carpal tunnel syndrome modifies sensory hand cortical somatotopy: A MEG study. <i>Human Brain Mapping</i> , 2002, 17, 28-36.	1.9	146
3	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
4	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
5	Clinical and neurophysiological outcome of surgery in extreme carpal tunnel syndrome. <i>Clinical Neurophysiology</i> , 2001, 112, 1237-1242.	0.7	76
6	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
7	Predictive variables on disability and quality of life in stroke outpatients undergoing rehabilitation. <i>Neurological Sciences</i> , 2006, 27, 40-46.	0.9	74
8	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
9	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
10	Symptoms and neurophysiological picture of carpal tunnel syndrome in pregnancy. <i>Clinical Neurophysiology</i> , 2001, 112, 1946-1951.	0.7	71
11	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
12	Neurophysiological classification of ulnar entrapment across the elbow. <i>Neurological Sciences</i> , 2001, 22, 11-16.	0.9	60
13	Natural history of ulnar entrapment at elbow. <i>Clinical Neurophysiology</i> , 2002, 113, 1980-1984.	0.7	59
14	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
15	Quality of life and pain in patients with facioscapulohumeral muscular dystrophy. <i>Muscle and Nerve</i> , 2009, 40, 200-205.	1.0	59
16	Peroneal mononeuropathy: predisposing factors, and clinical and neurophysiological relationships. <i>Neurological Sciences</i> , 2000, 21, 367-371.	0.9	54
17	Assessment of health status in children with spina bifida. <i>Spinal Cord</i> , 2005, 43, 230-235.	0.9	54
18	Robotic and Sensor Technology for Upper Limb Rehabilitation. <i>PM and R</i> , 2018, 10, S189-S197.	0.9	54

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19	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
20	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
21	A self-administered questionnaire of ulnar neuropathy at the elbow. <i>Neurological Sciences</i> , 2006, 27, 402-411.	0.9	52
22	Prediction of Falls in Subjects Suffering From Parkinson Disease, Multiple Sclerosis, and Stroke. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018, 99, 641-651.	0.5	51
23	Neurophysiological assessment in the diagnosis of botulism: Usefulness of single-fiber EMG. , 1999, 22, 1388-1392.		46
24	Kinematic Analysis of the Upper Limb Motor Strategies in Stroke Patients as a Tool towards Advanced Neurorehabilitation Strategies: A Preliminary Study. <i>BioMed Research International</i> , 2014, 2014, 1-8.	0.9	46
25	Natural history of CMT1A including QoL: A 2-year prospective study. <i>Neuromuscular Disorders</i> , 2008, 18, 199-203.	0.3	40
26	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
27	Effects of rehabilitation on quality of life in patients with chronic stroke. <i>Brain Injury</i> , 2008, 22, 451-456.	0.6	38
28	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
29	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
30	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
31	Consistence and discrepancy of neuropathic pain screening tools DN4 and ID-Pain. <i>Neurological Sciences</i> , 2013, 34, 373-377.	0.9	36
32	Arm rehabilitation in post stroke subjects: A randomized controlled trial on the efficacy of myoelectrically driven FES applied in a task-oriented approach. <i>PLoS ONE</i> , 2017, 12, e0188642.	1.1	35
33	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
34	Reliability, validity and discriminant ability of the instrumental indices provided by a novel planar robotic device for upper limb rehabilitation. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2018, 15, 39.	2.4	30
35	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
36	The relationship between back pain and schoolbag use: a cross-sectional study of 5,318 Italian students. <i>Spine Journal</i> , 2016, 16, 748-755.	0.6	28

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37	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
38	Levodopa therapy reduces DNA damage in peripheral blood cells of patients with Parkinson's disease. <i>Cell Biology and Toxicology</i> , 2009, 25, 321-330.	2.4	26
39	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
40	Back pain in pregnancy: 1-year follow-up of untreated cases. <i>European Spine Journal</i> , 2005, 14, 151-154.	1.0	24
41	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
42	Occurrence and predictors of the fatigue in high-grade glioma patients. <i>Neurological Sciences</i> , 2015, 36, 1363-1369.	0.9	23
43	Quality of life in patients with myasthenia gravis. <i>Muscle and Nerve</i> , 2002, 25, 466-467.	1.0	22
44	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
45	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
46	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
47	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
48	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
49	Double peak sensory responses at submaximal stimulation. <i>Clinical Neurophysiology</i> , 2003, 114, 256-262.	0.7	19
50	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
51	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
52	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
53	Natural history of Charcot-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
54	Efficacy of Robotic-Assisted Gait Training in chronic stroke patients: Preliminary results of an Italian bi-centre study. <i>NeuroRehabilitation</i> , 2017, 41, 775-782.	0.5	17

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55	Italian multicentre study of peroneal mononeuropathy: multiperspective follow-up. <i>Neurological Sciences</i> , 2009, 30, 37-44.	0.9	16
56	A useful electrophysiological test for diagnosis of minimal conduction block. <i>Clinical Neurophysiology</i> , 2001, 112, 1041-1048.	0.7	15
57	Occurrence of nerve entrapment lesion in chronic inflammatory demyelinating polyneuropathy. <i>Clinical Neurophysiology</i> , 2004, 115, 1140-1144.	0.7	15
58	Myasthenia gravis self-administered questionnaire: development of regional domains. <i>Neurological Sciences</i> , 2005, 25, 331-336.	0.9	14
59	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
60	Lower limb nerve impairment in diabetic patients: multiperspective assessment. <i>European Journal of Neurology</i> , 2002, 9, 69-73.	1.7	13
61	Balance in subjects with congenital or early onset strabismus: Influence of age. <i>Neuroscience Letters</i> , 2016, 623, 28-35.	1.0	13
62	An exploratory study of BDNF and oxidative stress marker alterations in subacute and chronic stroke patients affected by neuropathic pain. <i>Journal of Neural Transmission</i> , 2017, 124, 1557-1566.	1.4	13
63	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
64	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
65	Long-Term Outcome After Stroke Evaluating Health-Related Quality of Life Using Utility Measurement. <i>Stroke</i> , 2006, 37, 2218-2219.	1.0	10
66	Double peak sensory responses: effects of capsaicin. <i>Neurological Sciences</i> , 2007, 28, 264-269.	0.9	10
67	Use of a Virtual-Technological Sailing Program to Prepare Children With Disabilities for a Real Sailing Course. <i>Journal of Child Neurology</i> , 2016, 31, 1074-1080.	0.7	10
68	Multiperspective Assessment of Peripheral Nerve Involvement in Diabetic Patients. <i>European Neurology</i> , 2001, 45, 214-221.	0.6	9
69	Walking strategies in subjects with congenital or early onset strabismus. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 484.	1.0	9
70	Muscle focal vibration in healthy subjects: evaluation of the effects on upper limb motor performance measured using a robotic device. <i>European Journal of Applied Physiology</i> , 2016, 116, 729-737.	1.2	9
71	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
72	Pain in Postsurgical Orthopedic Rehabilitation: A Multicenter Study. <i>Pain Medicine</i> , 2012, 13, 769-776.	0.9	7

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73	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
74	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
75	Boston Carpal Tunnel Questionnaire: the influence of diagnosis on patient-oriented results. <i>Neurological Research</i> , 2005, 27, 522-524.	0.6	6
76	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
77	Appetite course over time and the risk of death in patients on chronic hemodialysis. <i>International Urology and Nephrology</i> , 2013, 45, 1091-1096.	0.6	6
78	Misdiagnosis of herpes zoster neuralgia: nerve ultrasound allowed diagnosing schwannoma of the intercostal nerve. <i>Neurological Sciences</i> , 2014, 35, 131-133.	0.9	6
79	Vitamin D and Rehabilitation after Stroke: Status of Art. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1973.	1.3	6
80	A wearable setup for auditory cued gait analysis in patients with Parkinson's Disease. , 2016, , .		5
81	Post traumatic femoral mononeuropathy. <i>Journal of Neurology</i> , 2006, 253, 655-656.	1.8	4
82	Effects of rehabilitation treatment on thyroid function. <i>Clinical Endocrinology</i> , 2009, 70, 644-649.	1.2	4
83	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
84	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
85	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
86	Five Ws on falls in disability patients. <i>Injury Prevention</i> , 2010, 16, 286-286.	1.2	2
87	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
88	Total Serum Calcium and Recovery after Rehabilitation in Patients with Stroke. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7893.	1.3	2
89	Rehabilitation in total hip replacement: need for a consensus. <i>Physical Therapy Reviews</i> , 2014, 19, 277-278.	0.3	1
90	Response to Letter "Prediction of Falls in Subjects Suffering From Parkinson Disease, Multiple Sclerosis, and Stroke: Methodologic Issues". <i>Archives of Physical Medicine and Rehabilitation</i> , 2018, 99, 1688-1689.	0.5	1

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91	Multinevritis of cranial nerves following inhalation of toxins. Neurological Research, 2003, 25, 208-210.	0.6	0
92	Reader's comment. World Neurosurgery, 2004, 62, 572.	1.3	0
93	Determinants of Change in Quality of Life from 1 to 6 Months following Acute Stroke – A Comment. Cerebrovascular Diseases, 2008, 26, 453-454.	0.8	0