

Antonio Ammendolia

List of Publications by Year in descending order

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Version: 2024-02-01

112
papers

2,918
citations

186265

28
h-index

223800

46
g-index

116
all docs

116
docs citations

116
times ranked

3462
citing authors

#	ARTICLE	IF	CITATIONS
1	Respiratory and Psychophysical Sequelae Among Patients With COVID-19 Four Months After Hospital Discharge. <i>JAMA Network Open</i> , 2021, 4, e2036142.	5.9	336
2	Rehabilitation of patients post-COVID-19 infection: a literature review. <i>Journal of International Medical Research</i> , 2020, 48, 030006052094838.	1.0	162
3	Charge based intra-cartilage delivery of single dose dexamethasone using Avidin nano-carriers suppresses cytokine-induced catabolism long term. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 71-81.	1.3	99
4	Fatality rate and predictors of mortality in an Italian cohort of hospitalized COVID-19 patients. <i>Scientific Reports</i> , 2020, 10, 20731.	3.3	96
5	Orthorexia nervosa: a frequent eating disordered behavior in athletes. <i>Eating and Weight Disorders</i> , 2012, 17, e226-33.	2.5	91
6	Stress-related hormonal and psychological changes to official youth Taekwondo competitions. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2011, 21, 111-119.	2.9	81
7	Gut-Joint Axis: The Role of Physical Exercise on Gut Microbiota Modulation in Older People with Osteoarthritis. <i>Nutrients</i> , 2020, 12, 574.	4.1	62
8	Oxygen-Ozone Therapy in the Rehabilitation Field: State of the Art on Mechanisms of Action, Safety and Effectiveness in Patients with Musculoskeletal Disorders. <i>Biomolecules</i> , 2021, 11, 356.	4.0	57
9	Effects of Official Taekwondo Competitions on All-Out Performances of Elite Athletes. <i>Journal of Strength and Conditioning Research</i> , 2011, 25, 334-339.	2.1	54
10	Oxygen-Ozone Therapy for Reducing Pro-Inflammatory Cytokines Serum Levels in Musculoskeletal and Temporomandibular Disorders: A Comprehensive Review. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2528.	4.1	52
11	Consent and consensus—ethical perspectives on obtaining bodies for anatomical dissection. <i>Clinical Anatomy</i> , 2016, 29, 70-77.	2.7	51
12	Adjuvant treatments associated with botulinum toxin injection for managing spasticity: An overview of the literature. <i>Annals of Physical and Rehabilitation Medicine</i> , 2019, 62, 291-296.	2.3	50
13	Impact of Rehabilitation on Breast Cancer Related Fatigue: A Pilot Study. <i>Frontiers in Oncology</i> , 2020, 10, 556718.	2.8	49
14	Midterm functional sequelae and implications in rehabilitation after COVID-19: a cross-sectional study. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2021, 57, 199-207.	2.2	48
15	Can botulinum toxin type A injection technique influence the clinical outcome of patients with post-stroke upper limb spasticity? A randomized controlled trial comparing manual needle placement and ultrasound-guided injection techniques. <i>Journal of the Neurological Sciences</i> , 2014, 347, 39-43.	0.6	47
16	Effects of essential amino acid supplementation and rehabilitation on functioning in hip fracture patients: a pilot randomized controlled trial. <i>Aging Clinical and Experimental Research</i> , 2019, 31, 1517-1524.	2.9	47
17	Interlimb Coordination, Strength, and Power in Soccer Players Across the Lifespan. <i>Journal of Strength and Conditioning Research</i> , 2009, 23, 2458-2466.	2.1	42
18	Employment of higher doses of botulinum toxin type A to reduce spasticity after stroke. <i>Journal of the Neurological Sciences</i> , 2015, 350, 1-6.	0.6	42

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19	Long-term effects of intra-articular oxygen-ozone therapy versus hyaluronic acid in older people affected by knee osteoarthritis: A randomized single-blind extension study. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2020, 33, 347-354.	1.1	41
20	Myostatin as a potential biomarker to monitor sarcopenia in hip fracture patients undergoing a multidisciplinary rehabilitation and nutritional treatment: a preliminary study. <i>Aging Clinical and Experimental Research</i> , 2020, 32, 959-962.	2.9	39
21	Optimization of transdisciplinary management of elderly with femur proximal extremity fracture: A patient-tailored plan from orthopaedics to rehabilitation. <i>World Journal of Orthopedics</i> , 2021, 12, 456-466.	1.8	38
22	A physiological, timeâ€“motion, and technical comparison of youth water polo and Acquagoal. <i>Journal of Sports Sciences</i> , 2009, 27, 823-831.	2.0	36
23	Can vitamin D deficiency influence muscle performance in postmenopausal women? A multicenter retrospective study. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2018, 54, 676-682.	2.2	36
24	Sonographic and clinical effects of botulinum toxin Type A combined with extracorporeal shock wave therapy on spastic muscles of children with cerebral palsy. <i>Developmental Neurorehabilitation</i> , 2017, 20, 160-164.	1.1	35
25	Efficacy of rehabilitation on reducing pain in muscle-related temporomandibular disorders: A systematic review and meta-analysis of randomized controlled trials. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2022, , 1-16.	1.1	34
26	Effects of official youth taekwondo competitions on jump and strength performance. <i>European Journal of Sport Science</i> , 2012, 12, 113-120.	2.7	33
27	Safety Profile of High-Dose Botulinum Toxin Type A in Post-Stroke Spasticity Treatment. <i>Clinical Drug Investigation</i> , 2018, 38, 991-1000.	2.2	33
28	Comparative effectiveness of breathing exercises in patients with chronic obstructive pulmonary disease. <i>Complementary Therapies in Clinical Practice</i> , 2020, 41, 101260.	1.7	31
29	Exoskeleton <i>versus</i> end-effector robot-assisted therapy for finger-hand motor recovery in stroke survivors: systematic review and meta-analysis. <i>Topics in Stroke Rehabilitation</i> , 2022, 29, 539-550.	1.9	31
30	Effects of Occlusal Splints on Spinal Posture in Patients with Temporomandibular Disorders: A Systematic Review. <i>Healthcare (Switzerland)</i> , 2022, 10, 739.	2.0	31
31	Impact of COVID-19 lockdown on the epidemiology of soccer muscle injuries in Italian Serie A professional football players. <i>Journal of Sports Medicine and Physical Fitness</i> , 2022, 62, .	0.7	29
32	Effects of Radial Extracorporeal Shock Wave Therapy in Reducing Pain in Patients with Temporomandibular Disorders: A Pilot Randomized Controlled Trial. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3821.	2.5	29
33	Electromyographic Assessment of Anterior Cruciate Ligament Injury Risk in Male Tennis Players: Which Role for Visual Input? A Proof-of-Concept Study. <i>Diagnostics</i> , 2021, 11, 997.	2.6	28
34	Anterior Cruciate Ligament Injury Prevention Exercises: Could a Neuromuscular Warm-Up Improve Muscle Pre-Activation before a Soccer Game? A Proof-of-Principle Study on Professional Football Players. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4958.	2.5	26
35	Role of Physical Exercise and Nutraceuticals in Modulating Molecular Pathways of Osteoarthritis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5722.	4.1	26
36	Body Uneasiness, Eating Disorders, and Muscle Dysmorphia in Individuals Who Overexercise. <i>Journal of Strength and Conditioning Research</i> , 2010, 24, 3098-3104.	2.1	25

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37	Comparative Effectiveness of Orthoses for Thumb Osteoarthritis: A Systematic Review and Network Meta-analysis. Archives of Physical Medicine and Rehabilitation, 2021, 102, 502-509.	0.9	25
38	Efficacy of rehabilitative techniques in reducing hemiplegic shoulder pain in stroke: Systematic review and meta-analysis. Annals of Physical and Rehabilitation Medicine, 2022, 65, 101602.	2.3	25
39	Impact of exercise training on muscle mitochondria modifications in older adults: a systematic review of randomized controlled trials. Aging Clinical and Experimental Research, 2022, 34, 1495-1510.	2.9	25
40	Efficacy of Virtual Reality and Exergaming in Improving Balance in Patients With Multiple Sclerosis: A Systematic Review and Meta-Analysis. Frontiers in Neurology, 2021, 12, 773459.	2.4	25
41	Psychological Distress and Work Environment Perception by Physical Therapists from Southern Italy during COVID-19 Pandemic: The C.A.L.A.B.R.I.A Study. International Journal of Environmental Research and Public Health, 2021, 18, 9676.	2.6	24
42	Pharmacological Treatment for Acute Traumatic Musculoskeletal Pain in Athletes. Medicina (Lithuania), 2021, 57, 1208.	2.0	24
43	Spinal Cord Injury as a Model of Bone-Muscle Interactions: Therapeutic Implications From in vitro and in vivo Studies. Frontiers in Endocrinology, 2020, 11, 204.	3.5	23
44	Why is telerehabilitation necessary? A pre-post COVID-19 comparative study of ICF activity and participation. Journal of Enabling Technologies, 2021, 15, 117-121.	1.2	23
45	<p>Multifactorial Assessment of Risk of Falling in 753 Post-Menopausal Women: A Multicenter Cross-Sectional Study by the Italian Group for the Study of Metabolic Bone Diseases</p>, Clinical Interventions in Aging, 2020, Volume 15, 1077-1084.	2.9	22
46	Nintendo WiiTM <i>versus</i> Xbox KinectTM for functional locomotion in people with Parkinson’s disease: a systematic review and network meta-analysis. Disability and Rehabilitation, 2022, 44, 331-336.	1.8	22
47	Quantitative analysis of movements in facial nerve palsy with surface electromyography and kinematic analysis. Journal of Electromyography and Kinesiology, 2021, 56, 102485.	1.7	22
48	Late Activation of the Vastus Medialis in Determining the Risk of Anterior Cruciate Ligament Injury in Soccer Players. Journal of Sport Rehabilitation, 2020, 29, 952-955.	1.0	22
49	Assessing Unilateral Spatial Neglect using advanced technologies: The potentiality of mobile virtual reality. Technology and Health Care, 2015, 23, 795-807.	1.2	21
50	Vitamin D Serum Levels in Subjects Tested for SARS-CoV-2: What Are the Differences among Acute, Healed, and Negative COVID-19 Patients? A Multicenter Real-Practice Study. Nutrients, 2021, 13, 3932.	4.1	21
51	Blurred lines between axillary web syndrome and Mondor's disease after breast cancer surgery: A case report. Annals of Physical and Rehabilitation Medicine, 2020, 63, 365-367.	2.3	20
52	Bone Muscle Crosstalk in Spinal Cord Injuries: Pathophysiology and Implications for Patients’ Quality of Life. Current Osteoporosis Reports, 2020, 18, 422-431.	3.6	20
53	Neuromuscular electrical stimulation and shortwave diathermy in unrecovered Bell palsy. Medicine (United States), 2020, 99, e19152.	1.0	20
54	A Telerehabilitation Approach to Chronic Facial Paralysis in the COVID-19 Pandemic Scenario: What Role for Electromyography Assessment?. Journal of Personalized Medicine, 2022, 12, 497.	2.5	20

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55	Quality of Life Interventions in Breast Cancer Survivors: State of the Art in Targeted Rehabilitation Strategies. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022, 22, 801-810.	1.7	19
56	Vibration therapy role in neurological diseases rehabilitation: an umbrella review of systematic reviews. <i>Disability and Rehabilitation</i> , 2022, 44, 5741-5749.	1.8	19
57	Efficacy of Antiresorptive Drugs on Bone Mineral Density in Post-Menopausal Women With Early Breast Cancer Receiving Adjuvant Aromatase Inhibitors: A Systematic Review of Randomized Controlled Trials. <i>Frontiers in Oncology</i> , 2021, 11, 829875.	2.8	19
58	Match Analysis, Physical Training, Risk of Injury and Rehabilitation in Padel: Overview of the Literature. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4153.	2.6	19
59	Electrical stimulation of antagonist muscles after botulinum toxin type A for post-stroke spastic equinus foot. A randomized single-blind pilot study. <i>Annals of Physical and Rehabilitation Medicine</i> , 2019, 62, 214-219.	2.3	18
60	Buccal hemineglect: is it useful to evaluate the differences between the two halves of the oral cavity for the multidisciplinary rehabilitative management of right brain stroke survivors? A cross-sectional study. <i>Topics in Stroke Rehabilitation</i> , 2020, 27, 208-214.	1.9	17
61	Functional status and oral health in patients with amyotrophic lateral sclerosis: A cross-sectional study. <i>NeuroRehabilitation</i> , 2021, 48, 49-57.	1.3	17
62	Type I Collagen-Based Devices to Treat Nerve Injuries after Oral Surgery Procedures. A Systematic Review. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3927.	2.5	17
63	Efficacy of Transcranial Direct Current Stimulation (tDCS) on Balance and Gait in Multiple Sclerosis Patients: A Machine Learning Approach. <i>Journal of Clinical Medicine</i> , 2022, 11, 3505.	2.4	17
64	Percutaneous Electrical Nerve Stimulation (PENS) as a Rehabilitation Approach for Reducing Mixed Chronic Pain in Patients with Musculoskeletal Disorders. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4257.	2.5	15
65	Effectiveness of Combined Treatment Using Physical Exercise and Ultrasound-Guided Radiofrequency Ablation of Genicular Nerves in Patients with Knee Osteoarthritis. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4338.	2.5	15
66	Is spasticity always the same? An observational study comparing the features of spastic equinus foot in patients with chronic stroke and multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2017, 380, 132-136.	0.6	14
67	A bond between rheumatic diseases and cancer in the elderly: The interleukin-6 pathway. <i>International Journal of Rheumatic Diseases</i> , 2021, 24, 1317-1320.	1.9	14
68	Neuromuscular Impairment of Knee Stabilizer Muscles in a COVID-19 Cluster of Female Volleyball Players: Which Role for Rehabilitation in the Post-COVID-19 Return-to-Play?. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 557.	2.5	14
69	Physical Exercise with or without Whole-Body Vibration in Breast Cancer Patients Suffering from Aromatase Inhibitor-Induced Musculoskeletal Symptoms: A Pilot Randomized Clinical Study. <i>Journal of Personalized Medicine</i> , 2021, 11, 1369.	2.5	14
70	Lymphedema Rehabilitation Using Self-Adaptive Inelastic Compression in Breast Cancer: A Proof-of-Principle Study. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1901.	2.5	13
71	Body Representation Alterations in Patients with Unilateral Brain Damage. <i>Journal of the International Neuropsychological Society</i> , 2022, 28, 130-142.	1.8	13
72	Plantar fascia enthesopathy is highly prevalent in diabetic patients without peripheral neuropathy and correlates with retinopathy and impaired kidney function. <i>PLoS ONE</i> , 2017, 12, e0174529.	2.5	12

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73	Vitamin D Deficiency in Women with Breast Cancer: A Correlation with Osteoporosis? A Machine Learning Approach with Multiple Factor Analysis. <i>Nutrients</i> , 2022, 14, 1586.	4.1	12
74	Quality of Life Predictors in Patients With Melanoma: A Machine Learning Approach. <i>Frontiers in Oncology</i> , 2022, 12, 843611.	2.8	12
75	Interoceptive awareness in focal brain-damaged patients. <i>Neurological Sciences</i> , 2020, 41, 1627-1631.	1.9	11
76	Spinal Orthoses Prescription for Vertebral Fragility Fractures by Italian Physical and Rehabilitation Medicine Physicians: The SPIN-VER Survey. <i>Healthcare (Switzerland)</i> , 2021, 9, 892.	2.0	10
77	Extensor digitorum brevis manus associated with a dorsal wrist ganglion: Case report. <i>Clinical Anatomy</i> , 2008, 21, 794-795.	2.7	8
78	Match analysis heart-rate and CMJ of beach soccer players during amateur competition. <i>International Journal of Performance Analysis in Sport</i> , 2015, 15, 241-253.	1.1	8
79	Match analysis of an elite beach soccer team. <i>Journal of Sports Medicine and Physical Fitness</i> , 2017, 57, 953-959.	0.7	8
80	Prevalence of <i>Staphylococcus aureus</i> carriage and pattern of antibiotic resistance, including methicillin resistance, among contact sport athletes in Italy. <i>Infection and Drug Resistance</i> , 2019, Volume 12, 1161-1170.	2.7	8
81	Efficacy of kinesio taping on hand functioning in patients with mild carpal tunnel syndrome. A double-blind randomized controlled trial. <i>Journal of Hand Therapy</i> , 2022, 35, 605-612.	1.5	8
82	International Classification of Functioning, Disability and Health (ICF) and correlation between disability and finance assets in chronic stroke patients. <i>Acta Biomedica</i> , 2020, 91, e2020064.	0.3	8
83	Axillary Web Syndrome in Breast Cancer Women: What Is the Optimal Rehabilitation Strategy after Surgery? A Systematic Review. <i>Journal of Clinical Medicine</i> , 2022, 11, 3839.	2.4	8
84	Ultrasonographic Evaluation of Botulinum Toxin Injection Site for the Medial Approach to Tibialis Posterior Muscle in Chronic Stroke Patients with Spastic Equinovarus Foot: An Observational Study. <i>Toxins</i> , 2017, 9, 375.	3.4	7
85	Effects of Intermittent Pneumatic Compression on Lower Limb Lymphedema in Patients with Type 2 Diabetes Mellitus: A Pilot Randomized Controlled Trial. <i>Medicina (Lithuania)</i> , 2021, 57, 1018.	2.0	7
86	Mechanical Stress Downregulates MHC Class I Expression on Human Cancer Cell Membrane. <i>PLoS ONE</i> , 2014, 9, e111758.	2.5	6
87	Safety and efficacy of mesotherapy in musculoskeletal disorders: A systematic review of randomized controlled trials with meta-analysis. <i>Journal of Rehabilitation Medicine</i> , 2021, 53, jrm00182.	1.1	6
88	Topical use of aloe gel and low-level laser therapy in overuse tendinitis of elite volleyball players: a randomized controlled trial. <i>Sport Sciences for Health</i> , 2016, 12, 209-213.	1.3	5
89	Heart Rate Variability modifications induced by high doses of incobotulinumtoxinA and onabotulinumtoxinA in hemiplegic chronic stroke patients: A single blind randomized controlled, crossover pilot study. <i>Toxicon</i> , 2017, 138, 145-150.	1.6	5
90	The adjunct of transcranial direct current stimulation to Robot-assisted therapy in upper limb post-stroke treatment. <i>Journal of Medical Engineering and Technology</i> , 2021, 45, 494-501.	1.4	5

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91	Effects of hyaluronic acid injections on pain and functioning in patients affected by tendinopathies: A narrative review. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2022, 35, 949-961.	1.1	5
92	Ultrasound-guided platelet-rich-plasma injections for reducing sacroiliac joint pain: A paradigmatic case report and literature review. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2022, , 1-6.	1.1	5
93	Rehabilitative treatments in adhesive capsulitis: a systematic review. <i>Journal of Sports Medicine and Physical Fitness</i> , 2022, 62, .	0.7	4
94	Effectiveness of Rehabilitation through Kinematic Analysis of Upper Limb Functioning in Wheelchair Basketball Athletes: A Pilot Study. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2929.	2.5	4
95	Tumefactive fibroinflammatory lesion of the lower extremity: a case report. <i>Clinical Rheumatology</i> , 2007, 26, 1741-1743.	2.2	3
96	The synergic use of the High Power Laser Therapy and Glucosamine sulfate in Knee osteoarthritis: A Randomized Controlled Trial. <i>Acta Biomedica</i> , 2021, 92, e2021237.	0.3	3
97	A programmable device to guide rehabilitation patients: design, testing and data collection. , 2020, , .		3
98	Postural evaluation and risk of musculoskeletal injuries in professional male rugby players: a proof-of-principle study. <i>Journal of Sports Medicine and Physical Fitness</i> , 2022, 62, .	0.7	3
99	Rehabilitation in primary lateral sclerosis mimicking parkinsonism: A case report. <i>NeuroRehabilitation</i> , 2020, 47, 381-386.	1.3	2
100	EMG wavelet analysis and metabolic study during cardiofitness activity. , 2009, , .		1
101	Salivary Cortisol And Alpha-Amylase Reactivity To Official Teakwondo Competition In Children. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 781.	0.4	1
102	Synergic use of botulinum toxin injection and radial extracorporeal shockwave therapy in Multiple Sclerosis spasticity. <i>Acta Biomedica</i> , 2021, 92, e2021076.	0.3	1
103	Vertebral Related Diseases in Healthcare: The Role of Pain Management and Rehabilitation. <i>Healthcare (Switzerland)</i> , 2022, 10, 1109.	2.0	1
104	Analysis of Muscle and Metabolic Activity during Multiplanar-Cardiofitness Training. <i>Lecture Notes in Computer Science</i> , 2009, , 829-837.	1.3	0
105	The Role of the Dynamic Stretching in Shoulder Overuse Syndrome in Elite Volleyball Players. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 388-389.	0.4	0
106	RE: Impact of instrumental analysis of stiff knee gait on treatment appropriateness and associated costs in stroke patients. <i>Gait and Posture</i> , 2019, , .	1.4	0
107	Original kinesio tape application for temporary diastasis recti reduction: a single case study. <i>International Journal of Therapy and Rehabilitation</i> , 2019, 26, 1-6.	0.3	0
108	Authorsâ€™ Response to Letter to the Editor. <i>Archives of Physical Medicine and Rehabilitation</i> , 2021, 102, 165-166.	0.9	0

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109	Chronic Achilles Tendinopathy in Runners: Relationship between Pain and Tendon Vascularity and Efficacy and Safety of the Radial Extracorporeal Shock Wave Therapy. Case Reports in Clinical Medicine, 2015, 04, 227-232.	0.2	0
110	Motivation in non-sedentary subjects over fifty age: state of physical and mental health. Medicina Dello Sport, 2018, 71, .	0.1	0
111	Is cardio-fitness multi-planar exercise really useful to train?. Gazzetta Medica Italiana Archivio Per Le Scienze Mediche, 2019, 178, .	0.1	0
112	Technical and tactical profile of Italian Elite beach soccer team. Gazzetta Medica Italiana Archivio Per Le Scienze Mediche, 2019, 178, .	0.1	0