

Joaquin Calatayud

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

1,263
citations

394286

19
h-index

454834

30
g-index

84
all docs

84
docs citations

84
times ranked

1499
citing authors

#	ARTICLE	IF	CITATIONS
1	High-intensity preoperative training improves physical and functional recovery in the early post-operative periods after total knee arthroplasty: a randomized controlled trial. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 2864-2872.	2.3	105
2	Bench Press and Push-up at Comparable Levels of Muscle Activity Results in Similar Strength Gains. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 246-253.	1.0	60
3	Cardiorespiratory fitness in adolescents before and after the COVID-19 confinement: a prospective cohort study. <i>European Journal of Pediatrics</i> , 2021, 180, 2287-2293.	1.3	49
4	Importance of mind-muscle connection during progressive resistance training. <i>European Journal of Applied Physiology</i> , 2016, 116, 527-533.	1.2	47
5	Muscle Activity Levels in Upper-Body Push Exercises With Different Loads and Stability Conditions. <i>Physician and Sportsmedicine</i> , 2014, 42, 106-119.	1.0	46
6	Exercise intensity progression for exercises performed on unstable and stable platforms based on ankle muscle activation. <i>Gait and Posture</i> , 2014, 39, 404-409.	0.6	46
7	Dose-response association between leisure time physical activity and work ability: Cross-sectional study among 3000 workers. <i>Scandinavian Journal of Public Health</i> , 2015, 43, 819-824.	1.2	46
8	Combined resistance and endurance training at a moderate-to-high intensity improves physical condition and quality of life in liver transplant patients. <i>Liver Transplantation</i> , 2017, 23, 1273-1281.	1.3	42
9	Progression of Core Stability Exercises Based on the Extent of Muscle Activity. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2017, 96, 694-699.	0.7	34
10	Construct and concurrent validation of a new resistance intensity scale for exercise with theraband® elastic bands. <i>Journal of Sports Science and Medicine</i> , 2014, 13, 758-66.	0.7	33
11	The validity and reliability of a new instrumented device for measuring ankle dorsiflexion range of motion. <i>International Journal of Sports Physical Therapy</i> , 2015, 10, 197-202.	0.5	33
12	Core muscle activity in a series of balance exercises with different stability conditions. <i>Gait and Posture</i> , 2015, 42, 186-192.	0.6	29
13	Trunk muscle activity during different variations of the supine plank exercise. <i>Musculoskeletal Science and Practice</i> , 2017, 28, 54-58.	0.6	29
14	Positive Effects of a Short-Term Intense Elastic Resistance Training Program on Body Composition and Physical Functioning in Overweight Older Women. <i>Biological Research for Nursing</i> , 2018, 20, 321-334.	1.0	28
15	Shoulder muscle activation during stable and suspended push-ups at different heights in healthy subjects. <i>Physical Therapy in Sport</i> , 2015, 16, 248-254.	0.8	25
16	Muscle activation during push-ups performed under stable and unstable conditions. <i>Journal of Exercise Science and Fitness</i> , 2015, 13, 94-98.	0.8	24
17	Safety and Effectiveness of Progressive Moderate-to-Vigorous Intensity Elastic Resistance Training on Physical Function and Pain in People With Hemophilia. <i>Physical Therapy</i> , 2020, 100, 1632-1644.	1.1	24
18	Tolerability and Muscle Activity of Core Muscle Exercises in Chronic Low-back Pain. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3509.	1.2	23

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19	Muscle Activation during Push-Ups with Different Suspension Training Systems. <i>Journal of Sports Science and Medicine</i> , 2014, 13, 502-10.	0.7	23
20	Exercise and Ankle Sprain Injuries: A Comprehensive Review. <i>Physician and Sportsmedicine</i> , 2014, 42, 88-93.	1.0	21
21	Noninvasive Determination of Anaerobic Threshold Based on the Heart Rate Deflection Point in Water Cycling. <i>Journal of Strength and Conditioning Research</i> , 2016, 30, 518-524.	1.0	19
22	Hand strengthening exercises in chronic stroke patients: Dose-response evaluation using electromyography. <i>Journal of Hand Therapy</i> , 2018, 31, 111-121.	0.7	19
23	Association of Stress and Musculoskeletal Pain With Poor Sleep: Cross-Sectional Study Among 3,600 Hospital Workers. <i>Frontiers in Neurology</i> , 2018, 9, 968.	1.1	19
24	Test-Retest Reliability of the Star Excursion Balance Test in Primary School Children. <i>Physician and Sportsmedicine</i> , 2014, 42, 120-124.	1.0	18
25	Perceived physical exertion is a good indicator of neuromuscular fatigue for the core muscles. <i>Journal of Electromyography and Kinesiology</i> , 2019, 49, 102360.	0.7	18
26	Electromyographic comparison of conventional machine strength training versus bodyweight exercises in patients with chronic stroke. <i>Topics in Stroke Rehabilitation</i> , 2017, 24, 242-249.	1.0	17
27	Muscle Activity During Unilateral vs. Bilateral Battle Rope Exercises. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 2854-2859.	1.0	16
28	Influence of different attentional focus on EMG amplitude and contraction duration during the bench press at different speeds. <i>Journal of Sports Sciences</i> , 2018, 36, 1162-1166.	1.0	16
29	Associations of handgrip strength with all-cause and cancer mortality in older adults: a prospective cohort study in 28 countries. <i>Age and Ageing</i> , 2022, 51, .	0.7	16
30	Mind-muscle connection training principle: influence of muscle strength and training experience during a pushing movement. <i>European Journal of Applied Physiology</i> , 2017, 117, 1445-1452.	1.2	15
31	Electromyographic Comparison of Elastic Resistance and Machine Exercises for High-Intensity Strength Training in Patients With Chronic Stroke. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016, 97, 429-436.	0.5	13
32	Attentional Focus and Grip Width Influences on Bench Press Resistance Training. <i>Perceptual and Motor Skills</i> , 2018, 125, 265-277.	0.6	13
33	Influence of a self-regulated cognitive dual task on time to failure and complexity of submaximal isometric force control. <i>European Journal of Applied Physiology</i> , 2018, 118, 2021-2027.	1.2	13
34	Preoperative high-intensity strength training improves postural control after TKA: randomized-controlled trial. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 1057-1066.	2.3	13
35	Professional experience, work setting, work posture and workload influence the risk for musculoskeletal pain among physical therapists: a cross-sectional study. <i>International Archives of Occupational and Environmental Health</i> , 2020, 93, 189-196.	1.1	13
36	Effect of High-Intensity Interval Training on Quality of Life, Sleep Quality, Exercise Motivation and Enjoyment in Sedentary People with Type 1 Diabetes Mellitus. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12612.	1.2	12

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37	Fear Avoidance Beliefs and Risk of Long-Term Sickness Absence: Prospective Cohort Study among Workers with Musculoskeletal Pain. <i>Pain Research and Treatment</i> , 2018, 2018, 1-6.	1.7	11
38	Upper-Body Exercises With External Resistance Are Well Tolerated and Enhance Muscle Activity in People With Hemophilia. <i>Physical Therapy</i> , 2019, 99, 411-419.	1.1	11
39	Are Moderate and Vigorous Leisure-Time Physical Activity Associated With Musculoskeletal Pain? A Cross-Sectional Study Among 981 Physical Therapists. <i>American Journal of Health Promotion</i> , 2020, 34, 67-70.	0.9	11
40	Exercise to Improve Bone Mineral Density. <i>Strength and Conditioning Journal</i> , 2013, 35, 70-74.	0.7	9
41	Electromyographic and Safety Comparisons of Common Lower Limb Rehabilitation Exercises for People With Hemophilia. <i>Physical Therapy</i> , 2020, 100, 116-126.	1.1	9
42	Effects of a HIIT Protocol on Cardiovascular Risk Factors in a Type 1 Diabetes Mellitus Population. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1262.	1.2	9
43	Aquatic Resistance Training. <i>Strength and Conditioning Journal</i> , 2014, 36, 48-61.	0.7	8
44	Focusing on Increasing Velocity during Heavy Resistance Knee Flexion Exercise Boosts Hamstring Muscle Activity in Chronic Stroke Patients. <i>Neurology Research International</i> , 2016, 2016, 1-6.	0.5	8
45	Electromyographic evaluation of high-intensity elastic resistance exercises for lower extremity muscles during bed rest. <i>European Journal of Applied Physiology</i> , 2017, 117, 1329-1338.	1.2	8
46	Clinical Relevance of a Balance Training Program on Liver Transplant Patients. A Randomized Controlled Trial. <i>Transplantation</i> , 2019, 103, 965-972.	0.5	8
47	Effects of dual-task demands on the complexity and task performance of submaximal isometric handgrip force control. <i>European Journal of Applied Physiology</i> , 2020, 120, 1251-1261.	1.2	8
48	Effect of a brief progressive resistance training program in hospital porters on pain, work ability, and physical function. <i>Musculoskeletal Science and Practice</i> , 2020, 48, 102162.	0.6	8
49	Muscular Fitness and Work Ability among Physical Therapists. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1722.	1.2	8
50	DiferenÇas na ativaÇão muscular entre a realizaÇão de flexões com apoio fixo e com um sistema de suspensão unilateral em forma de V em diferentes alturas. <i>Motricidade</i> , 2014, 10, .	0.2	7
51	Effectiveness of a Group-Based Progressive Strength Training in Primary Care to Improve the Recurrence of Low Back Pain Exacerbations and Function: A Randomised Trial. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8326.	1.2	7
52	Dose-response association between multi-site musculoskeletal pain and work ability in physical therapists: a cross-sectional study. <i>International Archives of Occupational and Environmental Health</i> , 2020, 93, 863-870.	1.1	7
53	Knee Extensor Muscle Strength Is More Important Than Postural Balance for Stair-Climbing Ability in Elderly Patients with Severe Knee Osteoarthritis. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3637.	1.2	7
54	Exercise and Manual Therapy for the Treatment of Primary Headache: An Umbrella and Mapping Review. <i>Physical Therapy</i> , 2022, , .	1.1	7

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55	The Impact of Charlson Comorbidity Index on the Functional Capacity of COVID-19 Survivors: A Prospective Cohort Study with One-Year Follow-Up. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7473.	1.2	7
56	Core Muscle Activity, Exercise Preference, and Perceived Exertion during Core Exercise with Elastic Resistance versus Machine. <i>Scientifica</i> , 2015, 2015, 1-6.	0.6	6
57	Electromyographic Effect of Using Different Attentional Foci During the Front Plank Exercise. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2019, 98, 26-29.	0.7	6
58	Effects of performing dual tasks on postural sway and postural control complexity in people with haemophilic arthropathy. <i>Haemophilia</i> , 2020, 26, e81-e87.	1.0	6
59	CORE MUSCLE ACTIVITY DURING THE CLEAN AND JERK LIFT WITH BARBELL VERSUS SANDBAGS AND WATER BAGS. <i>International Journal of Sports Physical Therapy</i> , 2015, 10, 803-10.	0.5	6
60	Impact of Visual Biofeedback of Trunk Sway Smoothness on Motor Learning during Unipedal Stance. <i>Sensors</i> , 2020, 20, 2585.	2.1	5
61	The Relevance of Dual Tasking for Improving Trunk Muscle Endurance After Back Surgery. <i>Archives of Physical Medicine and Rehabilitation</i> , 2021, 102, 463-469.	0.5	5
62	Effectiveness of Neural Mobilization Techniques in the Management of Musculoskeletal Neck Disorders with Nerve-Related Symptoms: A Systematic Review and Meta-Analysis with a Mapping Report. <i>Pain Medicine</i> , 2022, 23, 707-732.	0.9	5
63	Relationship between the modified star excursion balance test and the 4x10 m shuttle run test in children. <i>Cultura, Ciencia Y Deporte</i> , 0, 12, 111-116.	0.3	5
64	The Role of Vitamin D in Early Knee Osteoarthritis and Its Relationship with Their Physical and Psychological Status. <i>Nutrients</i> , 2021, 13, 4035.	1.7	5
65	Implementation of Online Behavior Modification Techniques in the Management of Chronic Musculoskeletal Pain: A Systematic Review and Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2022, 11, 1806.	1.0	5
66	Behavior Modification Techniques on Patients with Chronic Pain in the Context of COVID-19 Telerehabilitation: An Umbrella Review. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 5260.	1.2	5
67	Effect of neuromuscular electrical stimulation frequency on postprandial glycemia, current-related discomfort, and muscle soreness. A crossover study. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019, 44, 834-839.	0.9	4
68	Safety, Fear and Neuromuscular Responses after a Resisted Knee Extension Performed to Failure in Patients with Severe Haemophilia. <i>Journal of Clinical Medicine</i> , 2021, 10, 2587.	1.0	4
69	Core Muscle Activity Assessed by Electromyography During Exercises for Chronic Low Back Pain: A Systematic Review. <i>Strength and Conditioning Journal</i> , 2019, 41, 55-69.	0.7	3
70	Feasibility, safety and muscle activity during flywheel vs traditional strength training in adult patients with severe haemophilia. <i>Haemophilia</i> , 2021, 27, e102-e109.	1.0	3
71	Effectiveness of Telematic Behavioral Techniques to Manage Anxiety, Stress and Depressive Symptoms in Patients with Chronic Musculoskeletal Pain: A Systematic Review and Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3231.	1.2	3
72	Mind-muscle connection revisited: do 100 studies about beanbag tossing, stick balancing, and dart throwing have any relevance for strength training?. <i>European Journal of Applied Physiology</i> , 2016, 116, 865-866.	1.2	2

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73	¿Es perjudicial el ejercicio físico para el trasplantado de hígado? Revisión de la literatura. <i>Cirugía Española</i> , 2016, 94, 4-10.	0.1	2
74	EMG, Rate of Perceived Exertion, Pain, Tolerability and Possible Adverse Effects of a Knee Extensor Exercise with Progressive Elastic Resistance in Patients with Severe Haemophilia. <i>Journal of Clinical Medicine</i> , 2020, 9, 2801.	1.0	2
75	Leisure-Time Physical Activity Reduces the Risk of Long-Term Sickness Absence Among Older Healthy Female Eldercare Workers. <i>American Journal of Health Promotion</i> , 2021, 35, 973-976.	0.9	1
76	The Importance of Lifestyle Factors for Work Ability among Physical Therapists: A Cross-Sectional Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6714.	1.2	1
77	Effects Of Resistance Training With Elastic Bands At Different Levels Of Intensity In Older Adults. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 932.	0.2	0
78	Response to "letter to editor effect of a brief progressive resistance training program in hospital porters on pain, work ability and physical function". <i>Musculoskeletal Science and Practice</i> , 2021, 51, 102265.	0.6	0
79	Serratus Anterior and Upper Trapezius Muscle Activity During Upper-Body Exercises. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 248.	0.2	0
80	Neuromuscular Comparison Of Push-up Variations And Bench Press. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 670.	0.2	0
81	Correlation Between Borg Scale (6-20) With A New Water Cycling Scale (Brasil Scale). <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 942.	0.2	0
82	Occupational physical activity trends from 1987 to 2017: A nationally representative sample of 160,509 Spanish adults. <i>European Journal of Sport Science</i> , 2023, 23, 851-858.	1.4	0