

# Nejc Sarabon

## List of Publications by Year in descending order

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Version: 2024-02-01

145  
papers

1,542  
citations

471061

17  
h-index

476904

29  
g-index

147  
all docs

147  
docs citations

147  
times ranked

1396  
citing authors

#	ARTICLE	IF	CITATIONS
1	The influence of an 8-week therapeutic exercise program on the patient experience of patellofemoral pain: a qualitative descriptive study. <i>Physiotherapy Theory and Practice</i> , 2023, 39, 1672-1680.	0.6	0
2	Relationship between hip abductor strength, rate of torque development scaling factor and medio-lateral stability in older adults. <i>Gait and Posture</i> , 2022, 95, 264-269.	0.6	9
3	Measurements of Lower-limb Isometric Single-joint Maximal Voluntary Torque and Rate of Torque Development Capacity Offer Limited Insight into Vertical Jumping Performance. <i>Measurement in Physical Education and Exercise Science</i> , 2022, 26, 15-26.	1.3	4
4	The difference between squat jump and countermovement jump in 770 male and female participants from different sports. <i>European Journal of Sport Science</i> , 2022, 22, 985-993.	1.4	13
5	Effects of age, sex and task on postural sway during quiet stance. <i>Gait and Posture</i> , 2022, 92, 60-64.	0.6	5
6	Thermal effusivity of different tabletop materials in relation to users' perception. <i>Applied Ergonomics</i> , 2022, 100, 103664.	1.7	4
7	Quadriceps strength asymmetry as predictor of ankle sprain in male volleyball players. <i>Journal of Sports Medicine and Physical Fitness</i> , 2022, 62, .	0.4	3
8	The rate of force development scaling factor: a review of underlying factors, assessment methods and potential for practical applications. <i>European Journal of Applied Physiology</i> , 2022, 122, 861-873.	1.2	9
9	Postural Control in Unipedal Quiet Stance in Young Female Gymnasts and the Effects of Training with Consideration of Transient Behavior of Postural Sway. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 982.	1.2	4
10	The reliability of wearable commercial sensors for outdoor assessment of running biomechanics: the effect of surface and running speed. <i>Sports Biomechanics</i> , 2022, , 1-14.	0.8	4
11	Bilateral Deficit in Countermovement Jump and Its Influence on Linear Sprinting, Jumping, and Change of Direction Ability in Volleyball Players. <i>Frontiers in Physiology</i> , 2022, 13, 768906.	1.3	4
12	A Brief Review of Selected Biomechanical Variables for Sport Performance Monitoring and Training Optimization. <i>Applied Mechanics</i> , 2022, 3, 144-159.	0.7	5
13	Interrater and Intrarater Reliability of the EasyForce Dynamometer for Assessment of Maximal Shoulder, Knee and Hip Strength. <i>Diagnostics</i> , 2022, 12, 442.	1.3	4
14	Reliability of EasyForce Dynamometer for Assessment of Maximal Knee and Hip Strength, and Comparison to Rigid Isometric Dynamometers with External Fixation. <i>Measurement in Physical Education and Exercise Science</i> , 2022, 26, 232-244.	1.3	4
15	Effects of high- and low-load resistance training in patients with coronary artery disease: a randomized controlled clinical trial. <i>European Journal of Preventive Cardiology</i> , 2022, 29, e338-e342.	0.8	10
16	Postural Stability in Single-Leg Quiet Stance in Highly Trained Athletes: Sex and Sport Differences. <i>Journal of Clinical Medicine</i> , 2022, 11, 1009.	1.0	7
17	The association between reactive strength index and reactive strength index modified with approach jump performance. <i>PLoS ONE</i> , 2022, 17, e0264144.	1.1	5
18	The Effects of Intermittent Trunk Flexion With and Without Support on Sitting Balance in Young Adults. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 868153.	1.0	0

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19	Strength, Flexibility and Postural Control of the Trunk and Lower Body in Participants with and without Patellofemoral Pain. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3238.	1.3	3
20	The Prevalence and Severity of Sick Leave due to Low Back Disorders among Workers in Slovenia: Analysis of National Data across Gender, Age and Classification of Economic Activities. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 131.	1.2	3
21	The Effect of Eccentric vs. Traditional Resistance Exercise on Muscle Strength, Body Composition, and Functional Performance in Older Adults: A Systematic Review With Meta-Analysis. <i>Frontiers in Sports and Active Living</i> , 2022, 4, 873718.	0.9	9
22	The Impact of Online-Schooling during COVID-19 on Device-Measured 24-Hour Movement Behaviours among High School Students: A Compositional Data Analysis. <i>Children</i> , 2022, 9, 667.	0.6	1
23	Single-leg mechanical performance and inter-leg asymmetries during bilateral countermovement jumps: A comparison of different calculation methods. <i>Gait and Posture</i> , 2022, 96, 47-52.	0.6	7
24	Validity and Reliability of the Daily Activity Behaviours Questionnaire (DABQ) for Assessment of Time Spent in Sleep, Sedentary Behaviour, and Physical Activity. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 5362.	1.2	9
25	The effects of eccentric exercise on passive hamstring muscle stiffness: Comparison of shear-wave elastography and passive knee torque outcomes. <i>European Journal of Translational Myology</i> , 2022, 32, .	0.8	7
26	High-Load and Low-Load Resistance Exercise in Patients with Coronary Artery Disease: Feasibility and Safety of a Randomized Controlled Clinical Trial. <i>Journal of Clinical Medicine</i> , 2022, 11, 3567.	1.0	6
27	The impact of COVID-19 restrictive measures on physical activity in children and adolescents. <i>Kinesiology</i> , 2022, 54, 175-191.	0.3	0
28	Effects of cycle and treadmill desks on energy expenditure and cardiometabolic parameters in sedentary workers: review and meta-analysis. <i>International Journal of Occupational Safety and Ergonomics</i> , 2021, 27, 728-736.	1.1	12
29	Short-Term Effects of a Passive Spinal Exoskeleton on Functional Performance, Discomfort and User Satisfaction in Patients with Low Back Pain. <i>Journal of Occupational Rehabilitation</i> , 2021, 31, 142-152.	1.2	20
30	Relationship between force-velocity-power profiles and inter-limb asymmetries obtained during unilateral vertical jumping and single-joint isokinetic tasks. <i>Journal of Sports Sciences</i> , 2021, 39, 248-258.	1.0	14
31	Association between trunk muscle strength and static balance in older women. <i>Journal of Women and Aging</i> , 2021, 33, 1-10.	0.5	8
32	The Medial-Lateral Pedal Force Component Correlates with Q-Angle during Steady-State Cycling at Different Workloads and Cadences. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1004.	1.3	1
33	Functional and Subjective Assessment of Spinal Exoskeletons: From Development of Battery of Tests to Experiments with Low Back Pain Patients. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 13-21.	0.5	0
34	Comparing the risk of low-back injury using model-based optimization: Improved technique versus exoskeleton assistance. <i>Wearable Technologies</i> , 2021, 2, .	1.6	6
35	Postural Responses to Sudden Horizontal Perturbations in Tai Chi Practitioners. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2692.	1.2	1
36	Comparison between gymnasts and non-gymnasts in isometric strength of the lower limbs. <i>European Journal of Translational Myology</i> , 2021, 31, .	0.8	6

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37	Shock Attenuation and Electromyographic Activity of Advanced and Novice Equestrian Riders's Trunk. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2304.	1.3	5
38	Advancements in the Protocol for Rate of Force Development/Relaxation Scaling Factor Evaluation. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 654443.	1.0	7
39	Physical Abilities in Low Back Pain Patients: A Cross-Sectional Study with Exploratory Comparison of Patient Subgroups. <i>Life</i> , 2021, 11, 226.	1.1	5
40	Muscle Activation Sequence in Flywheel Squats. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3168.	1.2	3
41	Asymmetries in Ground Reaction Forces During Turns by Elite Slalom Alpine Skiers Are Not Related to Asymmetries in Muscular Strength. <i>Frontiers in Physiology</i> , 2021, 12, 577698.	1.3	6
42	Reliability of a New Portable Dynamometer for Assessing Hip and Lower Limb Strength. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3391.	1.3	8
43	Reliability of Sprint Force-Velocity-Power Profiles Obtained with KiSprint System. <i>Journal of Sports Science and Medicine</i> , 2021, 20, 357-364.	0.7	3
44	Transient characteristics of body sway during single-leg stance in athletes with a history of ankle sprain. <i>Gait and Posture</i> , 2021, 86, 205-210.	0.6	7
45	Factorial Structure of Trunk Motor Qualities and Their Association with Explosive Movement Performance in Young Footballers. <i>Sports</i> , 2021, 9, 67.	0.7	1
46	Trunk, Hip and Knee Exercise Programs for Pain Relief, Functional Performance and Muscle Strength in Patellofemoral Pain: Systematic Review and Meta-Analysis. <i>Journal of Pain Research</i> , 2021, Volume 14, 1431-1449.	0.8	5
47	Human pressure tolerance and effects of different padding materials with implications for development of exoskeletons and similar devices. <i>Applied Ergonomics</i> , 2021, 93, 103379.	1.7	14
48	Associations of meeting 24-h movement guidelines with stress and self-rated health among adults: is meeting more guidelines associated with greater benefits?. <i>BMC Public Health</i> , 2021, 21, 929.	1.2	17
49	Effects of Nordic hamstring exercise combined with glider exercise on hip flexion flexibility and hamstring passive stiffness. <i>Journal of Sports Sciences</i> , 2021, 39, 2370-2377.	1.0	8
50	Quantification of Inter-Limb Symmetries With Rate of Force Development and Relaxation Scaling Factor. <i>Frontiers in Physiology</i> , 2021, 12, 679322.	1.3	6
51	Bilateral deficit in countermovement jump and its association with change of direction performance in basketball and tennis players. <i>Sports Biomechanics</i> , 2021, , 1-14.	0.8	9
52	Relationship between ankle strength and range of motion and postural stability during single-leg quiet stance in trained athletes. <i>Scientific Reports</i> , 2021, 11, 11749.	1.6	15
53	Effects of a Targeted Exercise Program on Inter-Leg Asymmetries in Patients with Patellofemoral Pain. <i>Symmetry</i> , 2021, 13, 1075.	1.1	1
54	Effects of high-load and low-load resistance training in patients with coronary artery disease: rationale and design of a randomised controlled clinical trial. <i>BMJ Open</i> , 2021, 11, e051325.	0.8	10

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55	Relationship between Asymmetries Measured on Different Levels in Elite Basketball Players. <i>Symmetry</i> , 2021, 13, 1436.	1.1	2
56	The relationship between lower limb maximal and explosive strength and change of direction ability: Comparison of basketball and tennis players, and long-distance runners. <i>PLoS ONE</i> , 2021, 16, e0256347.	1.1	6
57	The Effect of Fatigue on Single-Leg Postural Sway and Its Transient Characteristics in Healthy Young Adults. <i>Frontiers in Physiology</i> , 2021, 12, 720905.	1.3	10
58	Validity, Reliability and Sensitivity to Change of Three Consumer-Grade Activity Trackers in Controlled and Free-Living Conditions among Older Adults. <i>Sensors</i> , 2021, 21, 6245.	2.1	3
59	Objectively Measured Physical Activity in Patients with Coronary Artery Disease: A Cross-Validation Study. <i>Biosensors</i> , 2021, 11, 318.	2.3	6
60	Transient body sway characteristics during single-leg quiet stance in ballet dancers and young adults. <i>Journal of Biomechanics</i> , 2021, 115, 110195.	0.9	7
61	3D Knee Loading during Stationary Cycling: A Comprehensive Model Development and Reliability Analysis. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 528.	1.3	1
62	Influence of Load and Phase of Contraction on Lateral Symmetries in Flywheel Squats. <i>Symmetry</i> , 2021, 13, 111.	1.1	4
63	Comparison of Subjective Responses of Low Back Pain Patients and Asymptomatic Controls to Use of Spinal Exoskeleton during Simple Load Lifting Tasks: A Pilot Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 161.	1.2	5
64	Investigation of Inter-Limb Symmetry in Knee Extensors Using Different Strength Outcome Measures. <i>Diagnostics</i> , 2021, 11, 1882.	1.3	1
65	Establishing Reference Values for Isometric Knee Extension and Flexion Strength. <i>Frontiers in Physiology</i> , 2021, 12, 767941.	1.3	18
66	An Assessment of the Hopping Strategy and Inter-Limb Asymmetry during the Triple Hop Test: A Testâ€“Retest Pilot Study. <i>Symmetry</i> , 2021, 13, 1890.	1.1	6
67	Levels of Agreement for the Direction of Inter-Limb Asymmetry during Four Simple Change-of-Direction Tests in Young Male Handball Players: A Pilot Study. <i>Symmetry</i> , 2021, 13, 1940.	1.1	1
68	STRENGTH AND JUMPING ASYMMETRIES IN GYMNAST AND THEIR NON-GYMNAST PEERS. <i>Science of Gymnastics Journal</i> , 2021, 13, 411-424.	0.2	0
69	Challenges and solutions for application and wider adoption of wearable robots. <i>Wearable Technologies</i> , 2021, 2, .	1.6	23
70	The Association Between Force-Velocity Relationship in Countermovement Jump and Sprint With Approach Jump, Linear Acceleration and Change of Direction Ability in Volleyball Players. <i>Frontiers in Physiology</i> , 2021, 12, 763711.	1.3	8
71	Assessment and Evaluation of Forceâ€“Velocity Variables in Flywheel Squats: Validity and Reliability of Force Plates, a Linear Encoder Sensor, and a Rotary Encoder Sensor. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10541.	1.3	2
72	Questionable Utility of the Eccentric Utilization Ratio in Relation to the Performance of Volleyball Players. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11754.	1.2	6

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73	The effects of leg preference and leg dominance on static and dynamic balance performance in highly-trained tennis players. <i>PLoS ONE</i> , 2021, 16, e0259854.	1.1	5
74	Inter-Individual Variability in Postural Control During External Center of Mass Stabilization. <i>Frontiers in Physiology</i> , 2021, 12, 722732.	1.3	4
75	Objectively Measured Physical Activity, Sedentary Behavior and Functional Performance before and after Lower Limb Joint Arthroplasty: A Systematic Review with Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2021, 10, 5885.	1.0	12
76	The Effect of Unicycle Riding Course on Trunk Strength and Trunk Stability Functions in Children. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 3560-3568.	1.0	2
77	Exercise interventions to prevent hamstring injuries in athletes: A systematic review and meta-analysis. <i>European Journal of Sport Science</i> , 2020, 20, 992-1004.	1.4	23
78	Interlimb Asymmetries and Ipsilateral Associations of Plantar Flexors and Knee Extensors Rate-of-Force Development Scaling Factor. <i>Symmetry</i> , 2020, 12, 1522.	1.1	9
79	Adductor Muscles Strength and Strength Asymmetry as Risk Factors for Groin Injuries among Professional Soccer Players: A Prospective Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4946.	1.2	29
80	The Influence of Ski Waist-Width and Fatigue on Knee-Joint Stability and Skier's Balance. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7766.	1.3	3
81	Effects of Resistance Exercise on Balance Ability: Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Life</i> , 2020, 10, 284.	1.1	5
82	Comparison of electromyographic activity during Nordic hamstring exercise and exercises in lengthened position. <i>European Journal of Translational Myology</i> , 2020, 30, 234-239.	0.8	5
83	Adapted protocol of rate of force development and relaxation scaling factor for neuromuscular assessment in patients with knee osteoarthritis. <i>Knee</i> , 2020, 27, 1697-1707.	0.8	7
84	Teachers' Perspective on Strategies to Reduce Sedentary Behavior in Educational Institutions. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8407.	1.2	6
85	Elbow Extensors and Volar Flexors Strength Capacity and Its Relation to Shooting Performance in Basketball Players—A Pilot Study. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8206.	1.3	2
86	Effects of eccentric training at long muscle length on architectural and functional characteristics of the hamstrings. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 2130-2142.	1.3	29
87	Acute effects of aerobic activity, static stretching, and explosive exercises on muscular performance and range of motion of young soccer players. <i>International Journal of Sports Science and Coaching</i> , 2020, 15, 706-716.	0.7	2
88	Introduction of dynamic rate-of-force development scaling factor in progressive drop jumps. <i>Journal of Biomechanics</i> , 2020, 110, 109980.	0.9	6
89	Strength, Jumping and Change of Direction Speed Asymmetries in Soccer, Basketball and Tennis Players. <i>Symmetry</i> , 2020, 12, 1664.	1.1	20
90	Change of Direction Performance Is Influenced by Asymmetries in Jumping Ability and Hip and Trunk Strength in Elite Basketball Players. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6984.	1.3	8

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91	Asymmetries in the Technique and Ground Reaction Forces of Elite Alpine Skiers Influence Their Slalom Performance. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7288.	1.3	10
92	Muscle modes of the equestrian rider at walk, rising trot and canter. <i>PLoS ONE</i> , 2020, 15, e0237727.	1.1	14
93	Gender-Related Differences in Mechanics of the Sprint Start and Sprint Acceleration of Top National-Level Sprinters. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6447.	1.2	5
94	Diagnostic Balance Tests for Assessing Risk of Falls and Distinguishing Older Adult Fallers and Non-Fallers: A Systematic Review with Meta-Analysis. <i>Diagnostics</i> , 2020, 10, 667.	1.3	32
95	Resistance Exercise, Electrical Muscle Stimulation, and Whole-Body Vibration in Older Adults: Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Journal of Clinical Medicine</i> , 2020, 9, 2902.	1.0	30
96	Force-velocity profile during vertical jump cannot be assessed using only bodyweight jump and isometric maximal voluntary contraction tasks. <i>Scientific Reports</i> , 2020, 10, 19127.	1.6	8
97	Speed-power based training in the elderly and its potential for daily movement function enhancement. <i>European Journal of Translational Myology</i> , 2020, 30, 125-128.	0.8	14
98	Validity and reliability of force-velocity outcome parameters in flywheel squats. <i>Journal of Biomechanics</i> , 2020, 107, 109824.	0.9	18
99	Shear-wave elastography for assessment of trapezius muscle stiffness: Reliability and association with low-level muscle activity. <i>PLoS ONE</i> , 2020, 15, e0234359.	1.1	18
100	Reliability of a battery of tests for functional evaluation of trunk exoskeletons. <i>Applied Ergonomics</i> , 2020, 86, 103117.	1.7	20
101	The effects of cycle and treadmill desks on work performance and cognitive function in sedentary workers: A review and meta-analysis. <i>Work</i> , 2020, 65, 537-545.	0.6	10
102	The Effects of Leg Preference on Transient Characteristics of Body Sway During Single-Leg Stance: A Cross-Sectional Study. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 617222.	1.0	6
103	Effect of desk materials on affective states and cognitive performance. <i>Journal of Wood Science</i> , 2020, 66, .	0.9	8
104	Intra-session reliability of electromyographic measurements in flywheel squats. <i>PLoS ONE</i> , 2020, 15, e0243090.	1.1	4
105	Comparison of electromyographic activity during Nordic hamstring exercise and exercise in lengthened position. <i>European Journal of Translational Myology</i> , 2020, 30, 8957.	0.8	1
106	Effects of 8-Week Jump Training Program on Sprint and Jump Performance and Leg Strength in Pre- and Post-Peak Height Velocity Aged Boys. <i>Journal of Sports Science and Medicine</i> , 2020, 19, 547-555.	0.7	4
107	Inter-Limb Asymmetries in Volleyball Players: Differences between Testing Approaches and Association with Performance. <i>Journal of Sports Science and Medicine</i> , 2020, 19, 745-752.	0.7	8
108	Comparison of Self-Reported Sedentary Time on Weekdays with an Objective Measure (activPAL). Measurement in Physical Education and Exercise Science, 2019, 23, 227-236.	1.3	21

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109	Kinematic and electromyographic analysis of variations in Nordic hamstring exercise. PLoS ONE, 2019, 14, e0223437.	1.1	36
110	Using shear-wave elastography in skeletal muscle: A repeatability and reproducibility study on biceps femoris muscle. PLoS ONE, 2019, 14, e0222008.	1.1	34
111	Relationship Between Strength Parameters and Functional Performance Tests in Patients With Severe Knee Osteoarthritis. PM and R, 2019, 11, 834-842.	0.9	8
112	Integral movement therapy versus local movement therapy approach in patients with idiopathic chronic low-back pain: study protocol for a randomized controlled trial. Trials, 2019, 20, 69.	0.7	1
113	Factors Underlying Bench Press Performance in Elite Competitive Powerlifters. Journal of Strength and Conditioning Research, 2019, Publish Ahead of Print, 2179-2186.	1.0	5
114	Small, movement dependent perturbations substantially alter postural control strategy in healthy young adults. Journal of Biomechanics, 2019, 91, 1-6.	0.9	1
115	Effect of Rowing Ergometer Compliance on Biomechanical and Physiological Indicators during Simulated 2,000-metre Race. Journal of Sports Science and Medicine, 2019, 18, 264-270.	0.7	1
116	Acute effect of full time office work in real environment on postural actions and lumbar range of motion. Journal of Electromyography and Kinesiology, 2018, 43, 82-87.	0.7	10
117	Acute effect of different concentrations of cayenne pepper cataplasm on sensory-motor functions and serum levels of inflammation-related biomarkers in healthy subjects. European Journal of Translational Myology, 2018, 28, 7333.	0.8	5
118	The Effect of Bed Rest and Hypoxic Environment on Postural Balance and Trunk Automatic (Re)Actions in Young Healthy Males. Frontiers in Physiology, 2018, 9, 27.	1.3	12
119	SPEXOR: Spinal Exoskeletal Robot for Low Back Pain Prevention and Vocational Reintegration. Biosystems and Biorobotics, 2017, , 311-315.	0.2	16
120	Effectiveness of Movement Therapy Interventions and Training Modifications for Preventing Running Injuries: A Meta-Analysis of Randomized Controlled Trials. Journal of Sports Science and Medicine, 2017, 16, 421-428.	0.7	2
121	Physical exercise in aging human skeletal muscle increases mitochondrial calcium uniporter expression levels and affects mitochondria dynamics. Physiological Reports, 2016, 4, e13005.	0.7	71
122	Prolonged Intermittent Trunk Flexion Increases Trunk Muscles Reflex Gains and Trunk Stiffness. PLoS ONE, 2016, 11, e0162703.	1.1	16
123	Mobility test protocols for the elderly: a methodological note. European Journal of Translational Myology, 2015, 25, 253.	0.8	21
124	Physical exercise in Aging: Nine weeks of leg press or electrical stimulation training in 70 years old sedentary elderly people. European Journal of Translational Myology, 2015, 25, 237.	0.8	67
125	Effects of Fourteen-Day Bed Rest on Trunk Stabilizing Functions in Aging Adults. BioMed Research International, 2015, 2015, 1-7.	0.9	10
126	Effects of feedback-based balance and core resistance training vs. Pilates training on balance and muscle function in older women: A randomized-controlled trial. Archives of Gerontology and Geriatrics, 2015, 61, 117-123.	1.4	38



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127	Electrical Stimulation Counteracts Muscle Decline in Seniors. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 189.	1.7	128
128	Reflex delays of the trunk muscles in response to postural perturbations: A reliability study. <i>Journal of Biomechanics</i> , 2014, 47, 2807-2812.	0.9	6
129	Effects of supportive hand contact on reactive postural control during support perturbations. <i>Gait and Posture</i> , 2014, 40, 441-446.	0.6	10
130	Assessment of Isometric Trunk Strength - The Relevance of Body Position and Relationship between Planes of Movement. <i>Journal of Sports Science and Medicine</i> , 2014, 13, 365-70.	0.7	14
131	The effects of aging on the rambling and trembling components of postural sway: Effects of motor and sensory challenges. <i>Gait and Posture</i> , 2013, 38, 637-642.	0.6	30
132	Bilateral synergies in foot force production tasks. <i>Experimental Brain Research</i> , 2013, 227, 121-130.	0.7	18
133	Effect of 14 days of bed rest in older adults on parameters of the body sway and on the local ankle function. <i>Journal of Electromyography and Kinesiology</i> , 2013, 23, 1505-1511.	0.7	15
134	Functional and neuromuscular changes in the hamstrings after drop jumps and leg curls. <i>Journal of Sports Science and Medicine</i> , 2013, 12, 431-8.	0.7	4
135	Change of muscle activation patterns in uphill cycling of varying slope. <i>European Journal of Applied Physiology</i> , 2012, 112, 2615-2623.	1.2	12
136	Adjusted saddle position counteracts the modified muscle activation patterns during uphill cycling. <i>Journal of Electromyography and Kinesiology</i> , 2011, 21, 854-860.	0.7	13
137	Selection of body sway parameters according to their sensitivity and repeatability. <i>European Journal of Translational Myology</i> , 2010, 20, 5.	0.8	7
138	Biomechanics of Cycling. <i>Sport Science Review</i> , 2010, 19, .	0.2	15
139	Review of Methods for the Evaluation of Human Body Balance. <i>Sport Science Review</i> , 2010, 19, .	0.2	44
140	Comparison of electromyographic activity during Nordic hamstring exercise and exercises in lengthened position. <i>European Journal of Translational Myology</i> , 0, , .	0.8	0
141	Different change of direction tests assess different physical ability parameters: Principal component analysis of nine change of direction tests. <i>International Journal of Sports Science and Coaching</i> , 0, , 174795412110516.	0.7	2
142	Associations between lower limb eccentric muscle capability and change of direction speed in basketball and tennis players. <i>PeerJ</i> , 0, 10, e13439.	0.9	5
143	The Validity of the 2-Point Method for Assessing the Force-Velocity Relationship of the Knee Flexors and Knee Extensors: The Relevance of Distant Force-Velocity Testing. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	4
144	Differences in Force-Velocity Profiles During Countermovement Jump and Flywheel Squats and Associations With a Different Change of Direction Tests in Elite Karatekas. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	2

#	ARTICLE	IF	CITATIONS
145	The Effects of a Real-Time Visual Kinetic Feedback Intervention on Shock Attenuation of the Equestrian Rider's Trunk: A Pilot Study. <i>Frontiers in Sports and Active Living</i> , 0, 4, .	0.9	1