

Nejc Sarabon

List of Publications by Year in descending order

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Version: 2024-02-01

145
papers

1,542
citations

471509

17
h-index

477307

29
g-index

147
all docs

147
docs citations

147
times ranked

1396
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrical Stimulation Counteracts Muscle Decline in Seniors. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 189.	3.4	128
2	Physical exercise in aging human skeletal muscle increases mitochondrial calcium uniporter expression levels and affects mitochondria dynamics. <i>Physiological Reports</i> , 2016, 4, e13005.	1.7	71
3	Physical exercise in Aging: Nine weeks of leg press or electrical stimulation training in 70 years old sedentary elderly people. <i>European Journal of Translational Myology</i> , 2015, 25, 237.	1.7	67
4	Review of Methods for the Evaluation of Human Body Balance. <i>Sport Science Review</i> , 2010, 19, .	0.2	44
5	Effects of feedback-based balance and core resistance training vs. Pilates training on balance and muscle function in older women: A randomized-controlled trial. <i>Archives of Gerontology and Geriatrics</i> , 2015, 61, 117-123.	3.0	38
6	Kinematic and electromyographic analysis of variations in Nordic hamstring exercise. <i>PLoS ONE</i> , 2019, 14, e0223437.	2.5	36
7	Using shear-wave elastography in skeletal muscle: A repeatability and reproducibility study on biceps femoris muscle. <i>PLoS ONE</i> , 2019, 14, e0222008.	2.5	34
8	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.	2.6	32
9	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.	1.4	30
10	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.	2.4	30
11	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.	2.6	29
12	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.	2.9	29
13	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.	2.7	23
14	Challenges and solutions for application and wider adoption of wearable robots. <i>Wearable Technologies</i> , 2021, 2, .	3.1	23
15	Mobility test protocols for the elderly: a methodological note. <i>European Journal of Translational Myology</i> , 2015, 25, 253.	1.7	21
16	Comparison of Self-Reported Sedentary Time on Weekdays with an Objective Measure (activPAL). <i>Measurement in Physical Education and Exercise Science</i> , 2019, 23, 227-236.	1.8	21
17	Strength, Jumping and Change of Direction Speed Asymmetries in Soccer, Basketball and Tennis Players. <i>Symmetry</i> , 2020, 12, 1664.	2.2	20
18	Reliability of a battery of tests for functional evaluation of trunk exoskeletons. <i>Applied Ergonomics</i> , 2020, 86, 103117.	3.1	20

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19	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.	2.2	20
20	Bilateral synergies in foot force production tasks. <i>Experimental Brain Research</i> , 2013, 227, 121-130.	1.5	18
21	Validity and reliability of force-velocity outcome parameters in flywheel squats. <i>Journal of Biomechanics</i> , 2020, 107, 109824.	2.1	18
22	Shear-wave elastography for assessment of trapezius muscle stiffness: Reliability and association with low-level muscle activity. <i>PLoS ONE</i> , 2020, 15, e0234359.	2.5	18
23	Establishing Reference Values for Isometric Knee Extension and Flexion Strength. <i>Frontiers in Physiology</i> , 2021, 12, 767941.	2.8	18
24	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.	2.9	17
25	SPEXOR: Spinal Exoskeletal Robot for Low Back Pain Prevention and Vocational Reintegration. <i>Biosystems and Biorobotics</i> , 2017, , 311-315.	0.3	16
26	Prolonged Intermittent Trunk Flexion Increases Trunk Muscles Reflex Gains and Trunk Stiffness. <i>PLoS ONE</i> , 2016, 11, e0162703.	2.5	16
27	Biomechanics of Cycling. <i>Sport Science Review</i> , 2010, 19, .	0.2	15
28	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.	1.7	15
29	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.	3.3	15
30	Muscle modes of the equestrian rider at walk, rising trot and canter. <i>PLoS ONE</i> , 2020, 15, e0237727.	2.5	14
31	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.	1.7	14
32	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.	2.0	14
33	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.	3.1	14
34	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.	1.6	14
35	Adjusted saddle position counteracts the modified muscle activation patterns during uphill cycling. <i>Journal of Electromyography and Kinesiology</i> , 2011, 21, 854-860.	1.7	13
36	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.	2.7	13

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37	Change of muscle activation patterns in uphill cycling of varying slope. <i>European Journal of Applied Physiology</i> , 2012, 112, 2615-2623.	2.5	12
38	The Effect of Bed Rest and Hypoxic Environment on Postural Balance and Trunk Automatic (Re)Actions in Young Healthy Males. <i>Frontiers in Physiology</i> , 2018, 9, 27.	2.8	12
39	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.	1.9	12
40	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.	2.4	12
41	Effects of supportive hand contact on reactive postural control during support perturbations. <i>Gait and Posture</i> , 2014, 40, 441-446.	1.4	10
42	Effects of Fourteen-Day Bed Rest on Trunk Stabilizing Functions in Aging Adults. <i>BioMed Research International</i> , 2015, 2015, 1-7.	1.9	10
43	Acute effect of full time office work in real environment on postural actions and lumbar range of motion. <i>Journal of Electromyography and Kinesiology</i> , 2018, 43, 82-87.	1.7	10
44	Asymmetries in the Technique and Ground Reaction Forces of Elite Alpine Skiers Influence Their Slalom Performance. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7288.	2.5	10
45	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.	1.1	10
46	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.	1.9	10
47	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.	2.8	10
48	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.	1.8	10
49	Interlimb Asymmetries and Ipsilateral Associations of Plantar Flexors and Knee Extensors Rate-of-Force Development Scaling Factor. <i>Symmetry</i> , 2020, 12, 1522.	2.2	9
50	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.	1.4	9
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.	1.6	9
52	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.	2.5	9
53	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.	1.8	9
54	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.	2.6	9

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55	Relationship Between Strength Parameters and Functional Performance Tests in Patients With Severe Knee Osteoarthritis. <i>PM and R</i> , 2019, 11, 834-842.	1.6	8
56	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.	2.5	8
57	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.	3.3	8
58	Association between trunk muscle strength and static balance in older women. <i>Journal of Women and Aging</i> , 2021, 33, 1-10.	1.0	8
59	Reliability of a New Portable Dynamometer for Assessing Hip and Lower Limb Strength. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3391.	2.5	8
60	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.	2.0	8
61	Effect of desk materials on affective states and cognitive performance. <i>Journal of Wood Science</i> , 2020, 66, .	1.9	8
62	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.	1.6	8
63	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.	2.8	8
64	Selection of body sway parameters according to their sensitivity and repeatability. <i>European Journal of Translational Myology</i> , 2010, 20, 5.	1.7	7
65	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.	1.6	7
66	Advancements in the Protocol for Rate of Force Development/Relaxation Scaling Factor Evaluation. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 654443.	2.0	7
67	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.	1.4	7
68	Transient body sway characteristics during single-leg quiet stance in ballet dancers and young adults. <i>Journal of Biomechanics</i> , 2021, 115, 110195.	2.1	7
69	Postural Stability in Single-Leg Quiet Stance in Highly Trained Athletes: Sex and Sport Differences. <i>Journal of Clinical Medicine</i> , 2022, 11, 1009.	2.4	7
70	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.	1.4	7
71	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, .	1.7	7
72	Reflex delays of the trunk muscles in response to postural perturbations: A reliability study. <i>Journal of Biomechanics</i> , 2014, 47, 2807-2812.	2.1	6

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73	Teachersâ€™ Perspective on Strategies to Reduce Sedentary Behavior in Educational Institutions. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8407.	2.6	6
74	Introduction of dynamic rate-of-force development scaling factor in progressive drop jumps. <i>Journal of Biomechanics</i> , 2020, 110, 109980.	2.1	6
75	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.	2.0	6
76	Comparing the risk of low-back injury using model-based optimization: Improved technique versus exoskeleton assistance. <i>Wearable Technologies</i> , 2021, 2, .	3.1	6
77	Comparison between gymnasts and non-gymnasts in isometric strength of the lower limbs. <i>European Journal of Translational Myology</i> , 2021, 31, .	1.7	6
78	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.	2.8	6
79	Quantification of Inter-Limb Symmetries With Rate of Force Development and Relaxation Scaling Factor. <i>Frontiers in Physiology</i> , 2021, 12, 679322.	2.8	6
80	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.	2.5	6
81	Objectively Measured Physical Activity in Patients with Coronary Artery Disease: A Cross-Validation Study. <i>Biosensors</i> , 2021, 11, 318.	4.7	6
82	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.	2.2	6
83	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.	2.6	6
84	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.	2.4	6
85	Acute effect of different concentrations of cayenne pepper cataplasm on sensory-motor functions and serum levels of inflammation-related biomarkers in healthy subjects. <i>European Journal of Translational Myology</i> , 2018, 28, 7333.	1.7	5
86	Factors Underlying Bench Press Performance in Elite Competitive Powerlifters. <i>Journal of Strength and Conditioning Research</i> , 2019, Publish Ahead of Print, 2179-2186.	2.1	5
87	Effects of Resistance Exercise on Balance Ability: Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Life</i> , 2020, 10, 284.	2.4	5
88	Comparison of electromyographic activity during Nordic hamstring exercise and exercises in lengthened position. <i>European Journal of Translational Myology</i> , 2020, 30, 234-239.	1.7	5
89	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.	2.6	5
90	Shock Attenuation and Electromyographic Activity of Advanced and Novice Equestrian Ridersâ€™ Trunk. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2304.	2.5	5

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91	Physical Abilities in Low Back Pain Patients: A Cross-Sectional Study with Exploratory Comparison of Patient Subgroups. <i>Life</i> , 2021, 11, 226.	2.4	5
92	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.	2.0	5
93	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.	2.6	5
94	Effects of age, sex and task on postural sway during quiet stance. <i>Gait and Posture</i> , 2022, 92, 60-64.	1.4	5
95	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.	2.5	5
96	A Brief Review of Selected Biomechanical Variables for Sport Performance Monitoring and Training Optimization. <i>Applied Mechanics</i> , 2022, 3, 144-159.	1.5	5
97	The association between reactive strength index and reactive strength index modified with approach jump performance. <i>PLoS ONE</i> , 2022, 17, e0264144.	2.5	5
98	Associations between lower limb eccentric muscle capability and change of direction speed in basketball and tennis players. <i>PeerJ</i> , 0, 10, e13439.	2.0	5
99	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.	1.8	4
100	Influence of Load and Phase of Contraction on Lateral Symmetries in Flywheel Squats. <i>Symmetry</i> , 2021, 13, 111.	2.2	4
101	Intra-session reliability of electromyographic measurements in flywheel squats. <i>PLoS ONE</i> , 2020, 15, e0243090.	2.5	4
102	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.	1.6	4
103	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.	1.6	4
104	Thermal effusivity of different tabletop materials in relation to users'™ perception. <i>Applied Ergonomics</i> , 2022, 100, 103664.	3.1	4
105	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.	2.6	4
106	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.	1.6	4
107	Inter-Individual Variability in Postural Control During External Center of Mass Stabilization. <i>Frontiers in Physiology</i> , 2021, 12, 722732.	2.8	4
108	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.	2.8	4

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109	Interrater and Intrarater Reliability of the EasyForce Dynamometer for Assessment of Maximal Shoulder, Knee and Hip Strength. <i>Diagnostics</i> , 2022, 12, 442.	2.6	4
110	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.	1.8	4
111	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, .	2.8	4
112	The Influence of Ski Waist-Width and Fatigue on Knee-Joint Stability and Skier's Balance. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7766.	2.5	3
113	Muscle Activation Sequence in Flywheel Squats. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3168.	2.6	3
114	Reliability of Sprint Force-Velocity-Power Profiles Obtained with KiSprint System. <i>Journal of Sports Science and Medicine</i> , 2021, 20, 357-364.	1.6	3
115	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.	3.8	3
116	Quadriceps strength asymmetry as predictor of ankle sprain in male volleyball players. <i>Journal of Sports Medicine and Physical Fitness</i> , 2022, 62, .	0.7	3
117	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.	2.5	3
118	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.	2.6	3
119	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.	2.1	2
120	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.	2.5	2
121	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.	1.4	2
122	Relationship between Asymmetries Measured on Different Levels in Elite Basketball Players. <i>Symmetry</i> , 2021, 13, 1436.	2.2	2
123	Effectiveness of Movement Therapy Interventions and Training Modifications for Preventing Running Injuries: A Meta-Analysis of Randomized Controlled Trials. <i>Journal of Sports Science and Medicine</i> , 2017, 16, 421-428.	1.6	2
124	Assessment and Evaluation of Force-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.	2.5	2
125	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.	1.4	2
126	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, .	2.8	2

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127	Integral movement therapy versus local movement therapy approach in patients with idiopathic chronic low-back pain: study protocol for a randomized controlled trial. <i>Trials</i> , 2019, 20, 69.	1.6	1
128	Small, movement dependent perturbations substantially alter postural control strategy in healthy young adults. <i>Journal of Biomechanics</i> , 2019, 91, 1-6.	2.1	1
129	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.	2.5	1
130	Postural Responses to Sudden Horizontal Perturbations in Tai Chi Practitioners. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2692.	2.6	1
131	Factorial Structure of Trunk Motor Qualities and Their Association with Explosive Movement Performance in Young Footballers. <i>Sports</i> , 2021, 9, 67.	1.7	1
132	Effects of a Targeted Exercise Program on Inter-Leg Asymmetries in Patients with Patellofemoral Pain. <i>Symmetry</i> , 2021, 13, 1075.	2.2	1
133	3D Knee Loading during Stationary Cycling: A Comprehensive Model Development and Reliability Analysis. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 528.	2.5	1
134	Investigation of Inter-Limb Symmetry in Knee Extensors Using Different Strength Outcome Measures. <i>Diagnostics</i> , 2021, 11, 1882.	2.6	1
135	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.	2.2	1
136	Effect of Rowing Ergometer Compliance on Biomechanical and Physiological Indicators during Simulated 2,000-metre Race. <i>Journal of Sports Science and Medicine</i> , 2019, 18, 264-270.	1.6	1
137	Comparison of electromyographic activity during Nordic hamstring exercise and exercise in lengthened position. <i>European Journal of Translational Myology</i> , 2020, 30, 8957.	1.7	1
138	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.	1.5	1
139	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, .	1.8	1
140	Comparison of electromyographic activity during Nordic hamstring exercise and exercises in lengthened position. <i>European Journal of Translational Myology</i> , 0, , .	1.7	0
141	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.	0.6	0
142	STRENGTH AND JUMPING ASYMMETRIES IN GYMNAST AND THEIR NON-GYMNAST PEERS. <i>Science of Gymnastics Journal</i> , 2021, 13, 411-424.	0.4	0
143	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.	2.0	0
144	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.	1.3	0

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145	The impact of COVID-19 restrictive measures on physical activity in children and adolescents. <i>Kinesiology</i> , 2022, 54, 175-191.	0.6	0