

Albert Gollhofer

List of Publications by Year in descending order

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Version: 2024-02-01

152
papers

6,353
citations

81743

39
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82410

72
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156
all docs

156
docs citations

156
times ranked

5729
citing authors

#	ARTICLE	IF	CITATIONS
1	The Importance of Trunk Muscle Strength for Balance, Functional Performance, and Fall Prevention in Seniors: A Systematic Review. <i>Sports Medicine</i> , 2013, 43, 627-641.	3.1	366
2	Effects of Balance Training on Balance Performance in Healthy Older Adults: A Systematic Review and Meta-analysis. <i>Sports Medicine</i> , 2015, 45, 1721-1738.	3.1	243
3	Stretch Reflexes Can Have an Important Role in Force Enhancement during SSC Exercise. <i>Journal of Applied Biomechanics</i> , 1997, 13, 451-460.	0.3	224
4	Effects of Blood Flow Restriction Training on Muscular Strength and Hypertrophy in Older Individuals: A Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , 2019, 49, 95-108.	3.1	189
5	Impact of sensorimotor training on the rate of force development and neural activation. <i>European Journal of Applied Physiology</i> , 2004, 92, 98-105.	1.2	183
6	The influence of vibration type, frequency, body position and additional load on the neuromuscular activity during whole body vibration. <i>European Journal of Applied Physiology</i> , 2013, 113, 1-11.	1.2	182
7	EMG activity during whole body vibration: motion artifacts or stretch reflexes?. <i>European Journal of Applied Physiology</i> , 2010, 110, 143-151.	1.2	178
8	Direct corticospinal pathways contribute to neuromuscular control of perturbed stance. <i>Journal of Applied Physiology</i> , 2006, 101, 420-429.	1.2	175
9	Collagen peptide supplementation in combination with resistance training improves body composition and increases muscle strength in elderly sarcopenic men: a randomised controlled trial. <i>British Journal of Nutrition</i> , 2015, 114, 1237-1245.	1.2	173
10	Effects of Core Instability Strength Training on Trunk Muscle Strength, Spinal Mobility, Dynamic Balance and Functional Mobility in Older Adults. <i>Gerontology</i> , 2013, 59, 105-113.	1.4	168
11	Exercise Intervention Studies in Patients with Peripheral Neuropathy: A Systematic Review. <i>Sports Medicine</i> , 2014, 44, 1289-1304.	3.1	163
12	Comparison of Traditional and Recent Approaches in the Promotion of Balance and Strength in Older Adults. <i>Sports Medicine</i> , 2011, 41, 377-400.	3.1	155
13	Associations Between Measures of Balance and Lower-Extremity Muscle Strength/Power in Healthy Individuals Across the Lifespan: A Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , 2015, 45, 1671-1692.	3.1	155
14	Gender and fatigue have influence on knee joint control strategies during landing. <i>Clinical Biomechanics</i> , 2009, 24, 82-87.	0.5	127
15	How Neurons Make Us Jump. <i>Exercise and Sport Sciences Reviews</i> , 2012, 40, 106-115.	1.6	119
16	An Intergenerational Approach in the Promotion of Balance and Strength for Fall Prevention – A Mini-Review. <i>Gerontology</i> , 2011, 57, 304-315.	1.4	111
17	DIFFERENTIAL EFFECTS OF BALLISTIC VERSUS SENSORIMOTOR TRAINING ON RATE OF FORCE DEVELOPMENT AND NEURAL ACTIVATION IN HUMANS. <i>Journal of Strength and Conditioning Research</i> , 2007, 21, 274-282.	1.0	100
18	Training-Specific Adaptations of H- and Stretch Reflexes in Human Soleus Muscle. <i>Journal of Motor Behavior</i> , 2007, 39, 68-78.	0.5	99

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19	Dose-Response Relationships of Balance Training in Healthy Young Adults: A Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , 2015, 45, 557-576.	3.1	96
20	Relationship between Strength, Power and Balance Performance in Seniors. <i>Gerontology</i> , 2012, 58, 504-512.	1.4	94
21	Functional Properties of Adhesive Ankle Taping: Neuromuscular and Mechanical Effects Before and After Exercise. <i>Foot and Ankle International</i> , 1999, 20, 238-245.	1.1	93
22	Neuromuscular Properties and Functional Aspects of Taped Ankles. <i>American Journal of Sports Medicine</i> , 1999, 27, 69-75.	1.9	84
23	Effects of Balance Training on Postural Sway, Leg Extensor Strength, and Jumping Height in Adolescents. <i>Research Quarterly for Exercise and Sport</i> , 2010, 81, 245-251.	0.8	83
24	How to prevent the detrimental effects of two months of bed-rest on muscle, bone and cardiovascular system: an RCT. <i>Scientific Reports</i> , 2017, 7, 13177.	1.6	80
25	Specific Collagen Peptides Improve Bone Mineral Density and Bone Markers in Postmenopausal Women—A Randomized Controlled Study. <i>Nutrients</i> , 2018, 10, 97.	1.7	78
26	Balance impairments and neuromuscular changes in breast cancer patients with chemotherapy-induced peripheral neuropathy. <i>Clinical Neurophysiology</i> , 2016, 127, 1481-1490.	0.7	73
27	High-Intensity Jump Training Is Tolerated during 60 Days of Bed Rest and Is Very Effective in Preserving Leg Power and Lean Body Mass: An Overview of the Cologne RSL Study. <i>PLoS ONE</i> , 2017, 12, e0169793.	1.1	71
28	Whole Body Vibration Training - Improving Balance Control and Muscle Endurance. <i>PLoS ONE</i> , 2014, 9, e89905.	1.1	69
29	Differential Modulation of Spinal and Corticospinal Excitability During Drop Jumps. <i>Journal of Neurophysiology</i> , 2008, 99, 1243-1252.	0.9	64
30	Submaximal fatigue of the hamstrings impairs specific reflex components and knee stability. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2007, 15, 525-532.	2.3	63
31	Contribution of afferent feedback and descending drive to human hopping. <i>Journal of Physiology</i> , 2010, 588, 799-807.	1.3	62
32	Strength, power, and postural control in seniors: Considerations for functional adaptations and for fall prevention. <i>European Journal of Sport Science</i> , 2008, 8, 325-340.	1.4	61
33	Neuromuscular differences between prepubescents boys and adult men during drop jump. <i>European Journal of Applied Physiology</i> , 2010, 110, 67-74.	1.2	56
34	Can Balance Training Promote Balance and Strength in Prepubertal Children?. <i>Journal of Strength and Conditioning Research</i> , 2011, 25, 1759-1766.	1.0	49
35	Promoting Strength and Balance in Adolescents During Physical Education: Effects of a Short-Term Resistance Training. <i>Journal of Strength and Conditioning Research</i> , 2011, 25, 940-949.	1.0	48
36	Improvement of activity-related knee joint discomfort following supplementation of specific collagen peptides. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017, 42, 588-595.	0.9	45

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37	Specific Collagen Peptides in Combination with Resistance Training Improve Body Composition and Regional Muscle Strength in Premenopausal Women: A Randomized Controlled Trial. <i>Nutrients</i> , 2019, 11, 892.	1.7	44
38	Influence of enhanced visual feedback on postural control and spinal reflex modulation during stance. <i>Experimental Brain Research</i> , 2008, 188, 353-361.	0.7	43
39	Soy protein based supplementation supports metabolic effects of resistance training in previously untrained middle aged males. <i>Aging Male</i> , 2011, 14, 273-279.	0.9	43
40	Anticipatory postural adjustments during cutting manoeuvres in football and their consequences for knee injury risk. <i>Journal of Sports Sciences</i> , 2014, 32, 1255-1262.	1.0	43
41	Low-load blood flow restriction training induces similar morphological and mechanical Achilles tendon adaptations compared with high-load resistance training. <i>Journal of Applied Physiology</i> , 2019, 127, 1660-1667.	1.2	43
42	Reactive Balance Control in Response to Perturbation in Unilateral Stance: Interaction Effects of Direction, Displacement and Velocity on Compensatory Neuromuscular and Kinematic Responses. <i>PLoS ONE</i> , 2015, 10, e0144529.	1.1	41
43	Specific Stimuli Induce Specific Adaptations: Sensorimotor Training vs. Reactive Balance Training. <i>PLoS ONE</i> , 2016, 11, e0167557.	1.1	41
44	Effects of ankle fatigue on functional reflex activity during gait perturbations in young and elderly men. <i>Gait and Posture</i> , 2010, 32, 107-112.	0.6	38
45	Association of Balance, Strength, and Power Measures in Young Adults. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 582-589.	1.0	38
46	Mechanical instability destabilises the ankle joint directly in the ankle-sprain mechanism. <i>British Journal of Sports Medicine</i> , 2014, 48, 377-382.	3.1	38
47	Phase- and task-specific modulation of soleus H-reflexes during drop-jumps and landings. <i>Experimental Brain Research</i> , 2008, 190, 71-79.	0.7	35
48	Online and post-trial feedback differentially affect implicit adaptation to a visuomotor rotation. <i>Experimental Brain Research</i> , 2014, 232, 3007-3013.	0.7	34
49	Force production capacity and functional reflex activity in young and elderly men. <i>Aging Clinical and Experimental Research</i> , 2010, 22, 374-382.	1.4	32
50	Is There an Association Between Variables of Postural Control and Strength in Adolescents?. <i>Journal of Strength and Conditioning Research</i> , 2011, 25, 1718-1725.	1.0	32
51	Relationship Between Measures of Balance and Strength in Middle-Aged Adults. <i>Journal of Strength and Conditioning Research</i> , 2012, 26, 2401-2407.	1.0	32
52	Balance Training Enhances Vestibular Function and Reduces Overactive Proprioceptive Feedback in Elderly. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 273.	1.7	32
53	Player Monitoring in Indoor Team Sports: Concurrent Validity of Inertial Measurement Units to Quantify Average and Peak Acceleration Values. <i>Frontiers in Physiology</i> , 2018, 9, 141.	1.3	32
54	Function of ankle ligaments for subtalar and talocrural joint stability during an inversion movement – an in vitro study. <i>Journal of Foot and Ankle Research</i> , 2019, 12, 16.	0.7	32

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55	Relationship between strength, balance and mobility in children aged 7â€“10 years. <i>Gait and Posture</i> , 2013, 37, 108-112.	0.6	30
56	Is There an Association Between Variables of Postural Control and Strength in Prepubertal Children?. <i>Journal of Strength and Conditioning Research</i> , 2012, 26, 210-216.	1.0	29
57	Load-dependent movement regulation of lateral stretch shortening cycle jumps. <i>European Journal of Applied Physiology</i> , 2010, 110, 177-187.	1.2	28
58	Load Dependency of Postural Control - Kinematic and Neuromuscular Changes in Response to over and under Load Conditions. <i>PLoS ONE</i> , 2015, 10, e0128400.	1.1	28
59	Changes in predictive motor control in drop-jumps based on uncertainties in task execution. <i>Human Movement Science</i> , 2012, 31, 152-160.	0.6	27
60	Differences between mechanically stable and unstable chronic ankle instability subgroups when examined by arthrometer and FAAM-G. <i>Journal of Orthopaedic Surgery and Research</i> , 2015, 10, 32.	0.9	25
61	Changes in corticospinal transmission following 8weeks of ankle joint immobilization. <i>Clinical Neurophysiology</i> , 2015, 126, 131-139.	0.7	25
62	Acute whole-body vibration increases reciprocal inhibition. <i>Human Movement Science</i> , 2018, 60, 191-201.	0.6	25
63	Plyometrics Can Preserve Peak Power During 2 Months of Physical Inactivity: An RCT Including a One-Year Follow-Up. <i>Frontiers in Physiology</i> , 2018, 9, 633.	1.3	25
64	Immediate Effects of an Elastic Knee Sleeve on Frontal Plane Gait Biomechanics in Knee Osteoarthritis. <i>PLoS ONE</i> , 2015, 10, e0115782.	1.1	24
65	Whole body vibration training during allogeneic hematopoietic cell transplantationâ€”the effects on patientsâ€™ physical capacity. <i>Annals of Hematology</i> , 2020, 99, 635-648.	0.8	24
66	Neuromuscular and Kinematic Adaptation in Response to Reactive Balance Training â€” a Randomized Controlled Study Regarding Fall Prevention. <i>Frontiers in Physiology</i> , 2018, 9, 1075.	1.3	23
67	Blood flow restriction increases myoelectric activity and metabolic accumulation during whole-body vibration. <i>European Journal of Applied Physiology</i> , 2019, 119, 1439-1449.	1.2	23
68	Alleviation of Motor Impairments in Patients with Cerebral Palsy: Acute Effects of Whole-body Vibration on Stretch Reflex Response, Voluntary Muscle Activation and Mobility. <i>Frontiers in Neurology</i> , 2017, 8, 416.	1.1	21
69	Acute effects of blood flow restriction on exercise-induced free radical production in young and healthy subjects. <i>Free Radical Research</i> , 2018, 52, 446-454.	1.5	21
70	Feasibility of whole body vibration during intensive chemotherapy in patients with hematological malignancies â€” a randomized controlled pilot study. <i>BMC Cancer</i> , 2018, 18, 920.	1.1	21
71	Clinical evaluation of manual stress testing, stress ultrasound and 3D stress MRI in chronic mechanical ankle instability. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 198.	0.8	21
72	Respiratory Inductance Plethysmographyâ€”A Rationale for Validity during Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 488-495.	0.2	20

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73	Effect of Combined Sensorimotor-Resistance Training on Strength, Balance, and Jumping Performance of Soccer Players. <i>Journal of Strength and Conditioning Research</i> , 2016, 30, 53-59.	1.0	20
74	Differences in motor cortical control of the Soleus and Tibialis. <i>Journal of Experimental Biology</i> , 2018, 221, .	0.8	20
75	Trainingâ€™, muscleâ€™ and taskâ€™specific upâ€™ and downregulation of cortical inhibitory processes. <i>European Journal of Neuroscience</i> , 2020, 51, 1428-1440.	1.2	20
76	Four weeks of training in a sledge jump system improved the jump pattern to almost natural reactive jumps. <i>European Journal of Applied Physiology</i> , 2012, 112, 285-293.	1.2	19
77	Effects of Heavy-Resistance Strength and Balance Training on Unilateral and Bilateral Leg Strength Performance in Old Adults. <i>PLoS ONE</i> , 2015, 10, e0118535.	1.1	19
78	Substrate Utilization and Cycling Performance Following Palatinoseâ€™,â‚¬ Ingestion: A Randomized, Double-Blind, Controlled Trial. <i>Nutrients</i> , 2016, 8, 390.	1.7	19
79	Bouncing on Mars and the Moonâ€™”the role of gravity on neuromuscular control: correlation of muscle activity and rate of force development. <i>Journal of Applied Physiology</i> , 2016, 121, 1187-1195.	1.2	19
80	Low-Load Blood Flow Restriction and High-Load Resistance Training Induce Comparable Changes in Patellar Tendon Properties. <i>Medicine and Science in Sports and Exercise</i> , 2022, 54, 582-589.	0.2	19
81	Evidence That the Cortical Motor Command for the Initiation of Dynamic Plantarflexion Consists of Excitation followed by Inhibition. <i>PLoS ONE</i> , 2011, 6, e25657.	1.1	18
82	Task-specific initial impact phase adjustments in lateral jumps and lateral landings. <i>European Journal of Applied Physiology</i> , 2011, 111, 2327-2337.	1.2	18
83	Relationships Between Trunk Muscle Strength, Spinal Mobility, and Balance Performance in Older Adults. <i>Journal of Aging and Physical Activity</i> , 2014, 22, 490-498.	0.5	18
84	Internal Fat and Cardiometabolic Risk Factors Following a Meal-Replacement Regimen vs. Comprehensive Lifestyle Changes in Obese Subjects. <i>Nutrients</i> , 2015, 7, 9825-9833.	1.7	18
85	Validation of Wearable Sensors during Team Sport-Specific Movements in Indoor Environments. <i>Sensors</i> , 2019, 19, 3458.	2.1	18
86	Clinical Evaluation of a New Noninvasive Ankle Arthrometer. <i>Physician and Sportsmedicine</i> , 2010, 38, 55-61.	1.0	17
87	Acute exposure to microgravity does not influence the H-reflex with or without whole body vibration and does not cause vibration-specific changes in muscular activity. <i>Journal of Electromyography and Kinesiology</i> , 2013, 23, 872-878.	0.7	17
88	Changes in Balance Strategy and Neuromuscular Control during a Fatiguing Balance Taskâ€™”A Study in Perturbed Unilateral Stance. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 289.	1.0	17
89	Association of balance, strength, and power measures in young adults. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 582-9.	1.0	17
90	Load induced changes of jump performance and activation patterns in free drop jump exercises and sledge jumps. <i>European Journal of Sport Science</i> , 2001, 1, 1-17.	1.4	16

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91	Expecting ankle tilts and wearing an ankle brace influence joint control in an imitated ankle sprain mechanism during walking. <i>Gait and Posture</i> , 2014, 39, 894-898.	0.6	16
92	Short-term pressure induced suppression of the short-latency response: a new methodology for investigating stretch reflexes. <i>Journal of Applied Physiology</i> , 2009, 107, 1051-1058.	1.2	15
93	Cross-Limb Interference during Motor Learning. <i>PLoS ONE</i> , 2013, 8, e81038.	1.1	15
94	Changes in leg kinematics in response to unpredictability in lateral jump execution. <i>European Journal of Sport Science</i> , 2014, 14, 678-685.	1.4	15
95	In Experts, underlying processes that drive visuomotor adaptation are different than in Novices. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 50.	1.0	15
96	Improvement of Functional Ankle Properties Following Supplementation with Specific Collagen Peptides in Athletes with Chronic Ankle Instability. <i>Journal of Sports Science and Medicine</i> , 2018, 17, 298-304.	0.7	15
97	Evaluation of Arthrometer for Ankle Instability: A Cadaveric Study. <i>Foot and Ankle International</i> , 2010, 31, 612-618.	1.1	14
98	High Intensity Jump Exercise Preserves Posture Control, Gait, and Functional Mobility During 60 Days of Bed-Rest: An RCT Including 90 Days of Follow-Up. <i>Frontiers in Physiology</i> , 2018, 9, 1713.	1.3	14
99	What to train first: Balance or explosive strength? Impact on performance and intracortical inhibition. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021, 31, 1301-1312.	1.3	13
100	Time to Task Failure and Motor Cortical Activity Depend on the Type of Feedback in Visuomotor Tasks. <i>PLoS ONE</i> , 2012, 7, e32433.	1.1	13
101	Novel approach for a precise determination of short-time intervals in ankle sprain experiments. <i>Journal of Biomechanics</i> , 2009, 42, 2823-2825.	0.9	12
102	Sex-Related Effects in Strength Training during Adolescence: A Pilot Study. <i>Perceptual and Motor Skills</i> , 2012, 115, 953-968.	0.6	12
103	Gravity and Neuronal Adaptation. <i>Microgravity Science and Technology</i> , 2017, 29, 9-18.	0.7	12
104	Results From a Pilot Study of Handheld Vibration: Exercise Intervention Reduces Upper-Limb Dysfunction and Fatigue in Breast Cancer Patients Undergoing Radiotherapy: VibBRa Study. <i>Integrative Cancer Therapies</i> , 2018, 17, 717-727.	0.8	12
105	Stabilizing lateral ankle instability by suture tape – a cadaver study. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 175.	0.9	12
106	Anticipation of drop height affects neuromuscular control and muscle-tendon mechanics. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 46-63.	1.3	12
107	Effects of Whole-Body Vibration Training and Blood Flow Restriction on Muscle Adaptations in Women: A Randomized Controlled Trial. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 603-608.	1.0	12
108	The Influence of Specific Bioactive Collagen Peptides on Knee Joint Discomfort in Young Physically Active Adults: A Randomized Controlled Trial. <i>Nutrients</i> , 2021, 13, 523.	1.7	12

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109	The Influence of Specific Bioactive Collagen Peptides on Body Composition and Muscle Strength in Middle-Aged, Untrained Men: A Randomized Controlled Trial. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4837.	1.2	12
110	No Neuromuscular Side-Effects of Scopolamine in Sensorimotor Control and Force-Generating Capacity Among Parabolic Fliers. <i>Microgravity Science and Technology</i> , 2016, 28, 477-490.	0.7	11
111	Lower between-limb asymmetry during running on treadmill compared to overground in subjects with laterally pronounced knee osteoarthritis. <i>PLoS ONE</i> , 2018, 13, e0205191.	1.1	11
112	Ankle Joint Control in People with Chronic Ankle Instability During Run-and-cut Movements. <i>International Journal of Sports Medicine</i> , 2018, 39, 853-859.	0.8	11
113	The relationship between leg stiffness, forces and neural control of the leg musculature during the stretch-shortening cycle is dependent on the anticipation of drop height. <i>European Journal of Applied Physiology</i> , 2019, 119, 1981-1999.	1.2	11
114	A new approach to characterize postural deficits in chemotherapy-induced peripheral neuropathy and to analyze postural adaptations after an exercise intervention. <i>BMC Neurology</i> , 2020, 20, 23.	0.8	11
115	Evidence-Based and Evidence-Inspired: An Intergenerational Approach in the Promotion of Balance and Strength for Fall Prevention. <i>Gerontology</i> , 2011, 57, 424-426.	1.4	10
116	Preparation time influences ankle and knee joint control during dynamic change of direction movements. <i>Journal of Sports Sciences</i> , 2017, 35, 762-768.	1.0	10
117	Stumbling reactions in hypo and hyper gravity – muscle synergies are robust across different perturbations of human stance during parabolic flights. <i>Scientific Reports</i> , 2019, 9, 10490.	1.6	10
118	Influence of Specific Collagen Peptides and Concurrent Training on Cardiometabolic Parameters and Performance Indices in Women: A Randomized Controlled Trial. <i>Frontiers in Nutrition</i> , 2020, 7, 580918.	1.6	10
119	Effects of Blood Flow Restriction Training with Protein Supplementation on Muscle Mass And Strength in Older Men. <i>Journal of Sports Science and Medicine</i> , 2019, 18, 471-478.	0.7	10
120	Effect of gender on trunk and pelvis control during lateral movements with perturbed landing. <i>European Journal of Sport Science</i> , 2016, 16, 182-189.	1.4	9
121	Isometric blood flow restriction exercise: acute physiological and neuromuscular responses. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2021, 13, 12.	0.7	9
122	Effects of specific collagen peptide supplementation combined with resistance training on Achilles tendon properties. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2022, 32, 1131-1141.	1.3	9
123	Differential effects of stimulus characteristics during knee joint perturbation on hamstring and quadriceps reflex responses. <i>Human Movement Science</i> , 2011, 30, 1079-1091.	0.6	8
124	Specific interpretation of augmented feedback changes motor performance and cortical processing. <i>Experimental Brain Research</i> , 2013, 227, 31-41.	0.7	8
125	The effects of a single bout of exercise on motor memory interference in the trained and untrained hemisphere. <i>Neuroscience</i> , 2017, 347, 57-64.	1.1	8
126	Stimulus Prediction and Postural Reaction: Phase-Specific Modulation of Soleus H-Reflexes Is Related to Changes in Joint Kinematics and Segmental Strategy in Perturbed Upright Stance. <i>Frontiers in Integrative Neuroscience</i> , 2018, 12, 62.	1.0	8

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127	Whole-body vibration impedes the deterioration of postural control in patients with multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2019, 31, 134-140.	0.9	8
128	The Anticipation of Gravity in Human Ballistic Movement. <i>Frontiers in Physiology</i> , 2021, 12, 614060.	1.3	8
129	The relationship between movement speed and duration during soccer matches. <i>PLoS ONE</i> , 2017, 12, e0181781.	1.1	7
130	In vivo arthrometer measurements of mechanical ankle instabilityâ€”A systematic review. <i>Journal of Orthopaedic Research</i> , 2019, 37, 1133-1142.	1.2	7
131	Anticipation modulates neuromechanics of drop jumps in known or unknown ground stiffness. <i>PLoS ONE</i> , 2019, 14, e0211276.	1.1	7
132	People with chronic ankle instability benefit from brace application in highly dynamic change of direction movements. <i>Journal of Foot and Ankle Research</i> , 2021, 14, 13.	0.7	7
133	Detecting Ankle Instability With an Instrumented Ankle Arthrometer: An Experimental Study. <i>Journal of Orthopaedic Research</i> , 2019, 37, 2019-2026.	1.2	6
134	Supplementation of Specific Collagen Peptides Following High-Load Resistance Exercise Upregulates Gene Expression in Pathways Involved in Skeletal Muscle Signal Transduction. <i>Frontiers in Physiology</i> , 2022, 13, 838004.	1.3	6
135	Sensory Motor and Behavioral Research in Space. <i>SpringerBriefs in Space Life Sciences</i> , 2017, , .	0.1	4
136	Acute whole-body vibration reduces post-activation depression in the triceps surae muscle. <i>Human Movement Science</i> , 2020, 72, 102655.	0.6	4
137	Effect of a High Fat Diet vs. High Carbohydrate Diets With Different Glycemic Indices on Metabolic Parameters in Male Endurance Athletes: A Pilot Trial. <i>Frontiers in Nutrition</i> , 2022, 9, 802374.	1.6	4
138	Influence of a Full-Body Compression Suit on Trunk Positioning and Knee Joint Mechanics During Lateral Movements. <i>Journal of Applied Biomechanics</i> , 2017, 33, 261-267.	0.3	3
139	Efficacy of a semirigid ankle brace in reducing mechanical ankle instability evaluated by 3D stress-MRI. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 620.	0.9	3
140	Applying augmented feedback in basketball training facilitates improvements in jumping performance. <i>European Journal of Sport Science</i> , 2023, 23, 338-344.	1.4	3
141	Medial Compressible Forefoot Sole Elements Reduce Ankle Inversion in Lateral SSC Jumps. <i>Journal of Applied Biomechanics</i> , 2013, 29, 346-353.	0.3	2
142	Force and Position Control in Humans - The Role of Augmented Feedback. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	2
143	Stumbling Reactions in Partial Gravity â€” Neuromechanics of Compensatory Postural Responses and Inter-Limb Coordination During Perturbation of Human Stance. <i>Frontiers in Physiology</i> , 2019, 10, 576.	1.3	2
144	Muscle in Variable Gravity: â€œI Do Not Know Where I Am, But I Know What to Doâ€• <i>Frontiers in Physiology</i> , 2021, 12, 714655.	1.3	2

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145	Mind your step: predicting maximum ankle inversion during cutting movements in soccer. <i>Sports Biomechanics</i> , 2021, , 1-15.	0.8	2
146	A high carbohydrate diet with a low glycaemic index improves training effects in male endurance athletes. <i>International Journal of Food Sciences and Nutrition</i> , 2022, 73, 965-972.	1.3	2
147	Mental imagery and colour cues can prevent interference between motor tasks. <i>Neuropsychologia</i> , 2019, 124, 202-207.	0.7	1
148	Duration-Specific Peak Acceleration Demands During Professional Female Basketball Matches. <i>Frontiers in Sports and Active Living</i> , 2020, 2, 33.	0.9	1
149	Is There a Sex Difference in Trunk Neuromuscular Control among Recreational Athletes during Cutting Maneuvers?. <i>Journal of Sports Science and Medicine</i> , 2021, 20, 743-750.	0.7	1
150	Cardiopulmonary performance in allogeneic hematopoietic cell transplantation recipientsâ€™ evaluation of pre-transplant risk assessments. <i>Bone Marrow Transplantation</i> , 2021, 56, 1325-1334.	1.3	1
151	Six weeks of whole-body vibration improves fine motor accuracy, functional mobility and quality of life in people with multiple sclerosis. <i>PLoS ONE</i> , 2022, 17, e0270698.	1.1	1
152	Predictive value of ventilatory inflection points determined under field conditions. <i>Journal of Sports Sciences</i> , 2016, 34, 787-793.	1.0	0