

# 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  
h-index

82410

72  
g-index

156  
all docs

156  
docs citations

156  
times ranked

5729  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | 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         |
| 2  | 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        |
| 3  | 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         |
| 4  | 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         |
| 5  | 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         |
| 6  | 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         |
| 7  | 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         |
| 8  | Isometric blood flow restriction exercise: acute physiological and neuromuscular responses. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2021, 13, 12.   | 0.7 | 9         |
| 9  | 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        |
| 10 | 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         |
| 11 | 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        |
| 12 | The Anticipation of Gravity in Human Ballistic Movement. <i>Frontiers in Physiology</i> , 2021, 12, 614060.  | 1.3 | 8         |
| 13 | 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        |
| 14 | 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        |
| 15 | Muscle in Variable Gravity: "I Do Not Know Where I Am, But I Know What to Do". <i>Frontiers in Physiology</i> , 2021, 12, 714655.  | 1.3 | 2         |
| 16 | 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         |
| 17 | Mind your step: predicting maximum ankle inversion during cutting movements in soccer. <i>Sports Biomechanics</i> , 2021, , 1-15.  | 0.8 | 2         |
| 18 | Cardiopulmonary performance in allogeneic hematopoietic cell transplantation recipients—evaluation of pre-transplant risk assessments. <i>Bone Marrow Transplantation</i> , 2021, 56, 1325-1334.   | 1.3 | 1         |

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|----|---|-----|-----------|
| 19 | 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         |
| 20 | 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        |
| 21 | Anticipation of drop height affects neuromuscular control and muscleâ€tendon mechanics. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 46-63.   | 1.3 | 12        |
| 22 | 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        |
| 23 | 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        |
| 24 | Acute whole-body vibration reduces post-activation depression in the triceps surae muscle. <i>Human Movement Science</i> , 2020, 72, 102655.  | 0.6 | 4         |
| 25 | 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        |
| 26 | 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        |
| 27 | Duration-Specific Peak Acceleration Demands During Professional Female Basketball Matches. <i>Frontiers in Sports and Active Living</i> , 2020, 2, 33.  | 0.9 | 1         |
| 28 | Validation of Wearable Sensors during Team Sport-Specific Movements in Indoor Environments. <i>Sensors</i> , 2019, 19, 3458.  | 2.1 | 18        |
| 29 | 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        |
| 30 | Stumbling reactions in hypo and hyper gravity â€ muscle synergies are robust across different perturbations of human stance during parabolic flights. <i>Scientific Reports</i> , 2019, 9, 10490.  | 1.6 | 10        |
| 31 | 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         |
| 32 | Stabilizing lateral ankle instability by suture tape â€ a cadaver study. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 175.   | 0.9 | 12        |
| 33 | Detecting Ankle Instability With an Instrumented Ankle Arthrometer: An Experimental Study. <i>Journal of Orthopaedic Research</i> , 2019, 37, 2019-2026.  | 1.2 | 6         |
| 34 | 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        |
| 35 | Function of ankle ligaments for subtalar and talocrural joint stability during an inversion movement â€ an in vitro study. <i>Journal of Foot and Ankle Research</i> , 2019, 12, 16.   | 0.7 | 32        |
| 36 | In vivo arthrometer measurements of mechanical ankle instabilityâ€A systematic review. <i>Journal of Orthopaedic Research</i> , 2019, 37, 1133-1142.   | 1.2 | 7         |

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|----|--|-----|-----------|
| 37 | 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         |
| 38 | 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        |
| 39 | Anticipation modulates neuromechanics of drop jumps in known or unknown ground stiffness. <i>PLoS ONE</i> , 2019, 14, e0211276.  | 1.1 | 7         |
| 40 | 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        |
| 41 | Mental imagery and colour cues can prevent interference between motor tasks. <i>Neuropsychologia</i> , 2019, 124, 202-207.   | 0.7 | 1         |
| 42 | 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       |
| 43 | 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        |
| 44 | 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        |
| 45 | 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        |
| 46 | 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         |
| 47 | 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        |
| 48 | Feasibility of whole body vibration during intensive chemotherapy in patients with hematological malignancies – a randomized controlled pilot study. <i>BMC Cancer</i> , 2018, 18, 920.  | 1.1 | 21        |
| 49 | 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        |
| 50 | Differences in motor cortical control of the Soleus and Tibialis. <i>Journal of Experimental Biology</i> , 2018, 221, .  | 0.8 | 20        |
| 51 | Acute whole-body vibration increases reciprocal inhibition. <i>Human Movement Science</i> , 2018, 60, 191-201.   | 0.6 | 25        |
| 52 | 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        |
| 53 | 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        |
| 54 | 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        |

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|----|---|-----|-----------|
| 55 | 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        |
| 56 | Neuromuscular and Kinematic Adaptation in Response to Reactive Balance Training – a Randomized Controlled Study Regarding Fall Prevention. <i>Frontiers in Physiology</i> , 2018, 9, 1075.                                  | 1.3 | 23        |
| 57 | 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        |
| 58 | 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        |
| 59 | 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        |
| 60 | 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         |
| 61 | 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         |
| 62 | Gravity and Neuronal Adaptation. <i>Microgravity Science and Technology</i> , 2017, 29, 9-18.   | 0.7 | 12        |
| 63 | Sensory Motor and Behavioral Research in Space. <i>SpringerBriefs in Space Life Sciences</i> , 2017, , .  | 0.1 | 4         |
| 64 | 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        |
| 65 | 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        |
| 66 | Balance Training Enhances Vestibular Function and Reduces Overactive Proprioceptive Feedback in Elderly. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 273.   | 1.7 | 32        |
| 67 | The relationship between movement speed and duration during soccer matches. <i>PLoS ONE</i> , 2017, 12, e0181781.   | 1.1 | 7         |
| 68 | 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        |
| 69 | Substrate Utilization and Cycling Performance Following Palatinose <sup>®</sup> Ingestion: A Randomized, Double-Blind, Controlled Trial. <i>Nutrients</i> , 2016, 8, 390.   | 1.7 | 19        |
| 70 | Changes in Balance Strategy and Neuromuscular Control during a Fatiguing Balance Task – A Study in Perturbed Unilateral Stance. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 289.                                     | 1.0 | 17        |
| 71 | 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        |
| 72 | Bouncing on Mars and the Moon – 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        |

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|----|--|-----|-----------|
| 73 | Force and Position Control in Humans - The Role of Augmented Feedback. Journal of Visualized Experiments, 2016, , .  | 0.2 | 2         |
| 74 | No Neuromuscular Side-Effects of Scopolamine in Sensorimotor Control and Force-Generating Capacity Among Parabolic Fliers. Microgravity Science and Technology, 2016, 28, 477-490.   | 0.7 | 11        |
| 75 | Predictive value of ventilatory inflection points determined under field conditions. Journal of Sports Sciences, 2016, 34, 787-793.  | 1.0 | 0         |
| 76 | Balance impairments and neuromuscular changes in breast cancer patients with chemotherapy-induced peripheral neuropathy. Clinical Neurophysiology, 2016, 127, 1481-1490.   | 0.7 | 73        |
| 77 | Effect of gender on trunk and pelvis control during lateral movements with perturbed landing. European Journal of Sport Science, 2016, 16, 182-189.  | 1.4 | 9         |
| 78 | Specific Stimuli Induce Specific Adaptations: Sensorimotor Training vs. Reactive Balance Training. PLoS ONE, 2016, 11, e0167557.   | 1.1 | 41        |
| 79 | Collagen peptide supplementation in combination with resistance training improves body composition and increases muscle strength in elderly sarcopenic men: a randomised controlled trial. British Journal of Nutrition, 2015, 114, 1237-1245. | 1.2 | 173       |
| 80 | Internal Fat and Cardiometabolic Risk Factors Following a Meal-Replacement Regimen vs. Comprehensive Lifestyle Changes in Obese Subjects. Nutrients, 2015, 7, 9825-9833.   | 1.7 | 18        |
| 81 | Immediate Effects of an Elastic Knee Sleeve on Frontal Plane Gait Biomechanics in Knee Osteoarthritis. PLoS ONE, 2015, 10, e0115782.   | 1.1 | 24        |
| 82 | Effects of Heavy-Resistance Strength and Balance Training on Unilateral and Bilateral Leg Strength Performance in Old Adults. PLoS ONE, 2015, 10, e0118535.  | 1.1 | 19        |
| 83 | Load Dependency of Postural Control - Kinematic and Neuromuscular Changes in Response to over and under Load Conditions. PLoS ONE, 2015, 10, e0128400.   | 1.1 | 28        |
| 84 | Differences between mechanically stable and unstable chronic ankle instability subgroups when examined by arthrometer and FAAM-G. Journal of Orthopaedic Surgery and Research, 2015, 10, 32.   | 0.9 | 25        |
| 85 | In Experts, underlying processes that drive visuomotor adaptation are different than in Novices. Frontiers in Human Neuroscience, 2015, 9, 50.   | 1.0 | 15        |
| 86 | Associations Between Measures of Balance and Lower-Extremity Muscle Strength/Power in Healthy Individuals Across the Lifespan: A Systematic Review and Meta-Analysis. Sports Medicine, 2015, 45, 1671-1692.                                    | 3.1 | 155       |
| 87 | Effects of Balance Training on Balance Performance in Healthy Older Adults: A Systematic Review and Meta-analysis. Sports Medicine, 2015, 45, 1721-1738.   | 3.1 | 243       |
| 88 | Dose-Response Relationships of Balance Training in Healthy Young Adults: A Systematic Review and Meta-Analysis. Sports Medicine, 2015, 45, 557-576.  | 3.1 | 96        |
| 89 | Changes in corticospinal transmission following 8weeks of ankle joint immobilization. Clinical Neurophysiology, 2015, 126, 131-139.  | 0.7 | 25        |
| 90 | Reactive Balance Control in Response to Perturbation in Unilateral Stance: Interaction Effects of Direction, Displacement and Velocity on Compensatory Neuromuscular and Kinematic Responses. PLoS ONE, 2015, 10, e0144529.                    | 1.1 | 41        |

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|-----|---|-----|-----------|
| 91  | Whole Body Vibration Training - Improving Balance Control and Muscle Endurance. PLoS ONE, 2014, 9, e89905.  | 1.1 | 69        |
| 92  | Anticipatory postural adjustments during cutting manoeuvres in football and their consequences for knee injury risk. Journal of Sports Sciences, 2014, 32, 1255-1262.   | 1.0 | 43        |
| 93  | Changes in leg kinematics in response to unpredictability in lateral jump execution. European Journal of Sport Science, 2014, 14, 678-685.  | 1.4 | 15        |
| 94  | Respiratory Inductance Plethysmographyâ€™A Rationale for Validity during Exercise. Medicine and Science in Sports and Exercise, 2014, 46, 488-495.  | 0.2 | 20        |
| 95  | Expecting ankle tilts and wearing an ankle brace influence joint control in an imitated ankle sprain mechanism during walking. Gait and Posture, 2014, 39, 894-898.   | 0.6 | 16        |
| 96  | Mechanical instability destabilises the ankle joint directly in the ankle-sprain mechanism. British Journal of Sports Medicine, 2014, 48, 377-382.  | 3.1 | 38        |
| 97  | Online and post-trial feedback differentially affect implicit adaptation to a visuomotor rotation. Experimental Brain Research, 2014, 232, 3007-3013.   | 0.7 | 34        |
| 98  | Exercise Intervention Studies in Patients with Peripheral Neuropathy: A Systematic Review. Sports Medicine, 2014, 44, 1289-1304.  | 3.1 | 163       |
| 99  | Relationships Between Trunk Muscle Strength, Spinal Mobility, and Balance Performance in Older Adults. Journal of Aging and Physical Activity, 2014, 22, 490-498.   | 0.5 | 18        |
| 100 | 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. Journal of Electromyography and Kinesiology, 2013, 23, 872-878. | 0.7 | 17        |
| 101 | The influence of vibration type, frequency, body position and additional load on the neuromuscular activity during whole body vibration. European Journal of Applied Physiology, 2013, 113, 1-11.                                       | 1.2 | 182       |
| 102 | Effects of Core Instability Strength Training on Trunk Muscle Strength, Spinal Mobility, Dynamic Balance and Functional Mobility in Older Adults. Gerontology, 2013, 59, 105-113.   | 1.4 | 168       |
| 103 | The Importance of Trunk Muscle Strength for Balance, Functional Performance, and Fall Prevention in Seniors: A Systematic Review. Sports Medicine, 2013, 43, 627-641.   | 3.1 | 366       |
| 104 | Specific interpretation of augmented feedback changes motor performance and cortical processing. Experimental Brain Research, 2013, 227, 31-41.   | 0.7 | 8         |
| 105 | Relationship between strength, balance and mobility in children aged 7â€™10 years. Gait and Posture, 2013, 37, 108-112.   | 0.6 | 30        |
| 106 | Medial Compressible Forefoot Sole Elements Reduce Ankle Inversion in Lateral SSC Jumps. Journal of Applied Biomechanics, 2013, 29, 346-353.   | 0.3 | 2         |
| 107 | Association of Balance, Strength, and Power Measures in Young Adults. Journal of Strength and Conditioning Research, 2013, 27, 582-589.   | 1.0 | 38        |
| 108 | Cross-Limb Interference during Motor Learning. PLoS ONE, 2013, 8, e81038.   | 1.1 | 15        |

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|-----|---|-----|-----------|
| 109 | 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        |
| 110 | Sex-Related Effects in Strength Training during Adolescence: A Pilot Study. <i>Perceptual and Motor Skills</i> , 2012, 115, 953-968.  | 0.6 | 12        |
| 111 | How Neurons Make Us Jump. <i>Exercise and Sport Sciences Reviews</i> , 2012, 40, 106-115.   | 1.6 | 119       |
| 112 | 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        |
| 113 | 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        |
| 114 | Relationship between Strength, Power and Balance Performance in Seniors. <i>Gerontology</i> , 2012, 58, 504-512.  | 1.4 | 94        |
| 115 | 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        |
| 116 | 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        |
| 117 | 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        |
| 118 | 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        |
| 119 | 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       |
| 120 | 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        |
| 121 | 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        |
| 122 | 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        |
| 123 | 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        |
| 124 | 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         |
| 125 | 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        |
| 126 | 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        |



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|-----|---|-----|-----------|
| 127 | 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       |
| 128 | Neuromuscular differences between prepubescent boys and adult men during drop jump. <i>European Journal of Applied Physiology</i> , 2010, 110, 67-74.                                     | 1.2 | 56        |
| 129 | Load-dependent movement regulation of lateral stretch shortening cycle jumps. <i>European Journal of Applied Physiology</i> , 2010, 110, 177-187.   | 1.2 | 28        |
| 130 | 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       |
| 131 | Contribution of afferent feedback and descending drive to human hopping. <i>Journal of Physiology</i> , 2010, 588, 799-807.   | 1.3 | 62        |
| 132 | Evaluation of Arthrometer for Ankle Instability: A Cadaveric Study. <i>Foot and Ankle International</i> , 2010, 31, 612-618.  | 1.1 | 14        |
| 133 | Clinical Evaluation of a New Noninvasive Ankle Arthrometer. <i>Physician and Sportsmedicine</i> , 2010, 38, 55-61.  | 1.0 | 17        |
| 134 | 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        |
| 135 | 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        |
| 136 | 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        |
| 137 | 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        |
| 138 | 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        |
| 139 | Gender and fatigue have influence on knee joint control strategies during landing. <i>Clinical Biomechanics</i> , 2009, 24, 82-87.  | 0.5 | 127       |
| 140 | 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        |
| 141 | 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        |
| 142 | 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        |
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