Gregory D Myer

List of Publications by Year in Descending Order

386 papers	24,425 citations	79 h-index	146 g-index
407 ext. papers	27,928 ext. citations	3.8 avg, IF	7.2 L-index

#	Paper	IF	Citations
386	Genetic Fuzzy Methodology to Predict Time to Return to Play from Sports-Related Concussion. *Lecture Notes in Networks and Systems*, **2022**, 380-390	0.5	1
385	An Exemplar Frontal Plane Visual Kinematic Stimulus Elicits Sex-Specific Learned Behavior: An Exploratory Report.. *Journal of Strength and Conditioning Research*, **2022**, 36, 857-861	3.2	
384	Sex Moderates the Relationship between Perceptual-Motor Function and Single-Leg Squatting Mechanics.. *Journal of Sports Science and Medicine*, **2022**, 21, 104-111	2.7	
383	A preliminary investigation of the effects of patellar displacement on brain activation and perceived pain in young females with patellofemoral pain.. *Journal of Science and Medicine in Sport*, **2022**,	4.4	1
382	The Effects of Attention-Deficit/Hyperactivity Disorder Symptoms on the Association between Head Impacts and Post-Season Neurocognitive and Behavioral Outcomes.. *Journal of the International Neuropsychological Society*, **2022**, 1-11	3.1	
381	Developmental Training Model for the Sport Specialized Youth Athlete: A Dynamic Strategy for Individualizing Load-Response During Maturation. *Sports Health*, **2022**, 14, 142-153	4.7	5
380	Kinetics and Stabilization of the Tuck Jump Assessment.. *Journal of Sport Rehabilitation*, **2022**, 1-5	1.7	0
379	Brain Activity During Experimental Knee Pain and Its Relationship With Kinesiophobia in Patients With Patellofemoral Pain: A Preliminary Functional Magnetic Resonance Imaging Investigation.. *Journal of Sport Rehabilitation*, **2022**, 1-10	1.7	1
378	Descriptive Epidemiology From the Research in Osteochondritis Dissecans of the Knee (ROCK) Prospective Cohort. *American Journal of Sports Medicine*, **2021**, 3635465211057103	6.8	6
377	Lack of Methodological Rigor for Task-Based Functional Magnetic Resonance Imaging: Injury-Related Fear or Failure to Correct?. *Journal of Athletic Training*, **2021**, 56, 1154-1155	4	
376	Influence of Muscle Architecture on Maximal Rebounding in Young Boys.. *Journal of Strength and Conditioning Research*, **2021**, 35, 3378-3385	3.2	0
375	Attention-Deficit/Hyperactivity Disorder Status and Sex Moderate Mild Traumatic Brain Injury Symptom Severity in Children and Adolescents: Implications for Clinical Management. *Clinical Journal of Sport Medicine*, **2021**, 31, e298-e305	3.2	1
374	Muscle Architecture and Maturation Influence Sprint and Jump Ability in Young Boys: A Multistudy Approach. *Journal of Strength and Conditioning Research*, **2021**,	3.2	3
373	Anterior Cruciate Ligament Loading Increases With Pivot-Shift Mechanism During Asymmetrical Drop Vertical Jump in Female Athletes. *Orthopaedic Journal of Sports Medicine*, **2021**, 9, 2325967121989095	2.5	2
372	Randomized clinical trial of Fibromyalgia Integrative Training (FIT teens) for adolescents with juvenile fibromyalgia - Study design and protocol. *Contemporary Clinical Trials*, **2021**, 103, 106321	2.3	4
371	White Matter Alteration Following SWAT Explosive Breaching Training and the Moderating Effect of a Neck Collar Device: A DTI and NODDI Study. *Military Medicine*, **2021**, 186, 1183-1190	1.3	1
370	Integrated 3D motion analysis with functional magnetic resonance neuroimaging to identify neural correlates of lower extremity movement. *Journal of Neuroscience Methods*, **2021**, 355, 109108	3	1

369	Maturity alters drop vertical jump landing force-time profiles but not performance outcomes in adolescent females. *Scandinavian Journal of Medicine and Science in Sports*, **2021**, 31, 2055-2063	4.6	0
368	Effects of a 4-Week Neuromuscular Training Program on Movement Competency During the Back-Squat Assessment in Pre- and Post-Peak Height Velocity Male Athletes. *Journal of Strength and Conditioning Research*, **2021**, 35, 2698-2705	3.2	6
367	Quantitative Multimodal Assessment of Concussion Recovery in Youth Athletes. *Clinical Journal of Sport Medicine*, **2021**, 31, 133-138	3.2	9
366	Better reporting standards are needed to enhance the quality of hop testing in the setting of ACL return to sport decisions: a narrative review. *British Journal of Sports Medicine*, **2021**, 55, 23-29	10.3	4
365	The effects of internal jugular vein compression for modulating and preserving white matter following a season of American tackle football: A prospective longitudinal evaluation of differential head impact exposure. *Journal of Neuroscience Research*, **2021**, 99, 423-445	4.4	4
364	Preliminary Evidence for the Fibromyalgia Integrative Training Program (FIT Teens) Improving Strength and Movement Biomechanics in Juvenile Fibromyalgia: Secondary Analysis and Results from a Pilot Randomized Clinical Trial. *Clinical Journal of Pain*, **2021**, 37, 51-60	3.5	4
363	Practical Training Strategies to Apply Neuro-Mechanistic Motor Learning Principles to Facilitate Adaptations Towards Injury-Resistant Movement in Youth. *Journal of Science in Sport and Exercise*, **2021**, 3, 3-16	1	6
362	Targeted Application of Motor Learning Theory to Leverage Youth Neuroplasticity for Enhanced Injury-Resistance and Exercise Performance: OPTIMAL PREP. *Journal of Science in Sport and Exercise* , **2021**, 3, 17-36	1	6
361	Is it Possible to Protect the Adolescent Brain with Internal Mechanisms from Repetitive Head Impacts: Results from a Phase II Single Cohort, Longitudinal, Self-Control Study. *Journal of Science in Sport and Exercise*, **2021**, 3, 56-65	1	0
360	Biomechanical but Not Strength or Performance Measures Differentiate Male Athletes Who Experience ACL Reinjury on Return to Level 1 Sports. *American Journal of Sports Medicine*, **2021**, 49, 918-927	6.8	19
359	Can Biomechanical Testing After Anterior Cruciate Ligament Reconstruction Identify Athletes at Risk for Subsequent ACL Injury to the Contralateral Uninjured Limb?. *American Journal of Sports Medicine*, **2021**, 49, 609-619	6.8	15
358	Loss of Motor Stability After Sports-Related Concussion: Opportunities for Motor Learning Strategies to Reduce Musculoskeletal Injury Risk. *Sports Medicine*, **2021**, 51, 2299-2309	10.6	
357	When puberty strikes: Longitudinal changes in cutting kinematics in 172 high-school female athletes. *Journal of Science and Medicine in Sport*, **2021**, 24, 1290-1295	4.4	2
356	Does central nervous system dysfunction underlie patellofemoral pain in young females? Examining brain functional connectivity in association with patient-reported outcomes. *Journal of Orthopaedic Research*, **2021**,	3.8	4
355	Evaluation of the Effectiveness of Newer Helmet Designs with Emergent Shell and Padding Technologies Versus Older Helmet Models for Preserving White Matter Following a Season of High School Football. *Annals of Biomedical Engineering*, **2021**, 49, 2863-2874	4.7	1
354	Hamstrings Contraction Regulates the Magnitude and Timing of the Peak ACL Loading During the Drop Vertical Jump in Female Athletes. *Orthopaedic Journal of Sports Medicine*, **2021**, 9, 23259671211034487	2.5	0
353	High School Sports-Related Concussion and the Effect of a Jugular Vein Compression Collar: A Prospective Longitudinal Investigation of Neuroimaging and Neurofunctional Outcomes. *Journal of Neurotrauma*, **2021**, 38, 2811-2821	5.4	0
352	Graphical interface for automated management of motion artifact within fMRI acquisitions: INFOBAR. *SoftwareX*, **2020**, 12,	2.7	3

351	Utility of Kinetic and Kinematic Jumping and Landing Variables as Predictors of Injury Risk: A Systematic Review. *Journal of Science in Sport and Exercise*, **2020**, 2, 287-304	1	6
350	Dual-Task Gait Stability after Concussion and Subsequent Injury: An Exploratory Investigation. *Sensors*, **2020**, 20,	3.8	6
349	Youth sports participation and health status in early adulthood: A 12-year follow-up. *Preventive Medicine Reports*, **2020**, 19, 101107	2.6	12
348	Prospective longitudinal investigation shows correlation of event-related potential to mild traumatic brain injury in adolescents. *Brain Injury*, **2020**, 34, 871-880	2.1	
347	Utility of the anterior reach Y-BALANCE test as an injury risk screening tool in elite male youth soccer players. *Physical Therapy in Sport*, **2020**, 45, 103-110	3	6
346	Osteochondritis Dissecans of the Knee: An Interrater Reliability Study of Magnetic Resonance Imaging Characteristics. *American Journal of Sports Medicine*, **2020**, 48, 2221-2229	6.8	7
345	Factors Influencing Return to Play and Second Anterior Cruciate Ligament Injury Rates in Level 1 Athletes After Primary Anterior Cruciate Ligament Reconstruction: 2-Year Follow-up on 1432 Reconstructions at a Single Center. *American Journal of Sports Medicine*, **2020**, 48, 812-824	6.8	23
344	Real-time biofeedback integrated into neuromuscular training reduces high-risk knee biomechanics and increases functional brain connectivity: A preliminary longitudinal investigation. *Psychophysiology*, **2020**, 57, e13545	4.1	14
343	Electrocortical dynamics differentiate athletes exhibiting low- and high- ACL injury risk biomechanics. *Psychophysiology*, **2020**, 57, e13530	4.1	6
342	Knee abduction moment is predicted by lower gluteus medius force and larger vertical and lateral ground reaction forces during drop vertical jump in female athletes. *Journal of Biomechanics*, **2020**, 103, 109669	2.9	13
341	Internal Jugular Vein Compression Collar Mitigates Histopathological Alterations after Closed Head Rotational Head Impact in Swine: A Pilot Study. *Neuroscience*, **2020**, 437, 132-144	3.9	3
340	Differentiating Successful and Unsuccessful Single-Leg Drop Landing Performance Using Uncontrolled Manifold Analysis. *Motor Control*, **2020**, 24, 75-90	1.3	4
339	The Influence of Maturity Status on Muscle Architecture in School-Aged Boys. *Pediatric Exercise Science*, **2020**, 32, 89-96	2	12
338	A Novel Method to Categorize Stretch-Shortening Cycle Performance Across Maturity in Youth Soccer Players. *Journal of Strength and Conditioning Research*, **2020**,	3.2	2
337	A Technical Report on the Development of a Real-Time Visual Biofeedback System to Optimize Motor Learning and Movement Deficit Correction. *Journal of Sports Science and Medicine*, **2020**, 19, 84-94	2.7	8
336	Youth With Concussion Have Less Adaptable Gait Patterns Than Their Uninjured Peers: Implications for Concussion Management. *Journal of Orthopaedic and Sports Physical Therapy*, **2020**, 50, 438-446	4.2	4
335	VALIDITY OF AN MRI-COMPATIBLE MOTION CAPTURE SYSTEM FOR USE WITH LOWER EXTREMITY NEUROIMAGING PARADIGMS. *International Journal of Sports Physical Therapy*, **2020**, 15, 936-946	1.4	3
334	Part II: Comparison of Crossfit-Related Injury Presenting to Sports Medicine Clinic by Sex and Age. *Clinical Journal of Sport Medicine*, **2020**, 30, 251-256	3.2	6

333	Seasonal variation in neuromuscular control in young male soccer players. *Physical Therapy in Sport*, **2020**, 42, 33-39	3	3
332	Is It Time We Better Understood the Tests We are Using for Return to Sport Decision Making Following ACL Reconstruction? A Critical Review of the Hop Tests. *Sports Medicine*, **2020**, 50, 485-495	10.6	39
331	Distinct Coordination Strategies Associated with the Drop Vertical Jump Task. *Medicine and Science in Sports and Exercise*, **2020**, 52, 1088-1098	1.2	5
330	Prospective Frontal Plane Angles Used to Predict ACL Strain and Identify Those at High Risk for Sports-Related ACL Injury. *Orthopaedic Journal of Sports Medicine*, **2020**, 8, 2325967120957646	3.5	10
329	Can We Capitalize on Central Nervous System Plasticity in Young Athletes to Inoculate Against Injury?. *Journal of Science in Sport and Exercise*, **2020**, 2, 305-318	1	5
328	The Influence of Biological Maturity and Competitive Level on Isometric Force-Time Curve Variables and Vaulting Performance in Young Female Gymnasts. *Journal of Strength and Conditioning Research*, **2020**, 34, 2136-2145	3.2	2
327	The Influence of Biological Maturity on Dynamic Force□Time Variables and Vaulting Performance in Young Female Gymnasts. *Journal of Science in Sport and Exercise*, **2020**, 2, 319-329	1	1
326	Individual hop analysis and reactive strength ratios provide better discrimination of ACL reconstructed limb deficits than triple hop for distance scores in athletes returning to sport. *Knee*, **2020**, 27, 1357-1364	2.6	5
325	Machine Learning Classification of Verified Head Impact Exposure Strengthens Associations with Brain Changes. *Annals of Biomedical Engineering*, **2020**, 48, 2772-2782	4.7	1
324	High-Risk Lower-Extremity Biomechanics Evaluated in Simulated Soccer-Specific Virtual Environments. *Journal of Sport Rehabilitation*, **2020**, 29, 294-300	1.7	12
323	Epidemiology of injuries in professional football: a systematic review and meta-analysis. *British Journal of Sports Medicine*, **2020**, 54, 711-718	10.3	69
322	Are primary care physicians ill equipped to evaluate and treat childhood physical inactivity?. *Physician and Sportsmedicine*, **2020**, 48, 199-207	2.4	1
321	Comparison of Drop Jump and Tuck Jump Knee Joint Kinematics in Elite Male Youth Soccer Players: Implications for Injury Risk Screening. *Journal of Sport Rehabilitation*, **2020**, 29, 760-765	1.7	5
320	Alterations in knee sensorimotor brain functional connectivity contributes to ACL injury in male high-school football players: a prospective neuroimaging analysis. *Brazilian Journal of Physical Therapy*, **2020**, 24, 415-423	3.7	16
319	Integrated linear and nonlinear trunk dynamics identify residual concussion deficits. *Neuroscience Letters*, **2020**, 729, 134975	3.3	4
318	Altered Functional and Structural Connectomes in Female High School Soccer Athletes After a Season of Head Impact Exposure and the Effect of a Novel Collar. *Brain Connectivity*, **2020**, 10, 292-301	2.7	5
317	Advancing Anterior Cruciate Ligament Injury Prevention Using Real-Time Biofeedback for Amplified Sensorimotor Integration. *Journal of Athletic Training*, **2019**, 54, 985-986	4	6
316	Anterior Cruciate Ligament Research Retreat VIII Summary Statement: An Update on Injury Risk Identification and Prevention Across the Anterior Cruciate Ligament Injury Continuum, March 14-16, 2019, Greensboro, NC. *Journal of Athletic Training*, **2019**, 54, 970-984	4	15

315	Diffusion Tensor Imaging in Athletes Sustaining Repetitive Head Impacts: A Systematic Review of Prospective Studies. *Journal of Neurotrauma*, **2019**, 36, 2831-2849	5.4	27
314	Anterior Cruciate Ligament Injury Risk in Sport: A Systematic Review and Meta-Analysis of Injury Incidence by Sex and Sport Classification. *Journal of Athletic Training*, **2019**, 54, 472-482	4	49
313	A Preventive Model for Hamstring Injuries in Professional Soccer: Learning Algorithms. *International Journal of Sports Medicine*, **2019**, 40, 344-353	3.6	14
312	The Physiological Demands of Youth Artistic Gymnastics: Applications to Strength and Conditioning. *Strength and Conditioning Journal*, **2019**, 41, 1-13	2	11
311	Injury Risk Factors Integrated Into Self-Guided Real-Time Biofeedback Improves High-Risk Biomechanics. *Journal of Sport Rehabilitation*, **2019**, 28, 831-839	1.7	13
310	Impact of Low-Level Blast Exposure on Brain Function after a One-Day Tactile Training and the Ameliorating Effect of a Jugular Vein Compression Neck Collar Device. *Journal of Neurotrauma*, **2019**, 36, 721-734	5.4	7
309	Evidence-Based Best-Practice Guidelines for Preventing Anterior Cruciate Ligament Injuries in Young Female Athletes: A Systematic Review and Meta-analysis. *American Journal of Sports Medicine*, **2019**, 47, 1744-1753	6.8	66
308	Does brain functional connectivity contribute to musculoskeletal injury? A preliminary prospective analysis of a neural biomarker of ACL injury risk. *Journal of Science and Medicine in Sport*, **2019**, 22, 169-174	4.4	25
307	Lower Extremity Biomechanics Are Altered Across Maturation in Sport-Specialized Female Adolescent Athletes. *Frontiers in Pediatrics*, **2019**, 7, 268	3.4	16
306	A Novel Approach to Evaluate Brain Activation for Lower Extremity Motor Control. *Journal of Neuroimaging*, **2019**, 29, 580-588	2.8	11
305	EMG-Informed Musculoskeletal Modeling to Estimate Realistic Knee Anterior Shear Force During Drop Vertical Jump in Female Athletes. *Annals of Biomedical Engineering*, **2019**, 47, 2416-2430	4.7	10
304	Sport Specialization and Coordination Differences in Multisport Adolescent Female Basketball, Soccer, and Volleyball Athletes. *Journal of Athletic Training*, **2019**, 54, 1105-1114	4	26
303	Biomechanical and Functional Outcomes After Medial Patellofemoral Ligament Reconstruction: A Pilot Study. *Orthopaedic Journal of Sports Medicine*, **2019**, 7, 2325967119825854	3.5	6
302	Relative Head Impact Exposure and Brain White Matter Alterations After a Single Season of Competitive Football: A Pilot Comparison of Youth Versus High School Football. *Clinical Journal of Sport Medicine*, **2019**, 29, 442-450	3.2	22
301	Sex and Maturation Differences in Performance of Functional Jumping and Landing Deficits in Youth Athletes. *Journal of Sport Rehabilitation*, **2019**, 28, 606-613	1.7	5
300	Altered brain microstructure in association with repetitive subconcussive head impacts and the potential protective effect of jugular vein compression: a longitudinal study of female soccer athletes. *British Journal of Sports Medicine*, **2019**, 53, 1539-1551	10.3	26
299	Examining Motor Tasks of Differing Complexity After Concussion in Adolescents. *Archives of Physical Medicine and Rehabilitation*, **2019**, 100, 613-619	2.8	18
298	A Review of Field-Based Assessments of Neuromuscular Control and Their Utility in Male Youth Soccer Players. *Journal of Strength and Conditioning Research*, **2019**, 33, 283-299	3.2	24

297	'What's my risk of sustaining an ACL injury while playing football (soccer)?' A systematic review with meta-analysis. *British Journal of Sports Medicine*, **2019**, 53, 1333-1340	10.3	29
296	"What's my risk of sustaining an ACL injury while playing sports?" A systematic review with meta-analysis. *British Journal of Sports Medicine*, **2019**, 53, 1003-1012	10.3	62
295	ACL rupture is a single leg injury but a double leg problem: too much focus on 'symmetry' alone and that's not enough!. *British Journal of Sports Medicine*, **2018**, 52, 1029-1030	10.3	19
294	Physical Inactivity in Youth. *ACSMjs Health and Fitness Journal*, **2018**, 22, 42-46	0.9	3
293	Pilot Randomized Trial of Integrated Cognitive-Behavioral Therapy and Neuromuscular Training for Juvenile Fibromyalgia: The FIT Teens Program. *Journal of Pain*, **2018**, 19, 1049-1062	5.2	18
292	The influence of internal and external tibial rotation offsets on knee joint and ligament biomechanics during simulated athletic tasks. *Clinical Biomechanics*, **2018**, 52, 109-116	2.2	5
291	A School-Based Neuromuscular Training Program and Sport-Related Injury Incidence: A Prospective Randomized Controlled Clinical Trial. *Journal of Athletic Training*, **2018**, 53, 20-28	4	33
290	Mild Jugular Compression Collar Ameliorated Changes in Brain Activation of Working Memory after One Soccer Season in Female High School Athletes. *Journal of Neurotrauma*, **2018**, 35, 1248-1259	5.4	11
289	Special Consideration: Female Athlete and ACL Injury Prevention **2018**, 251-283		1
288	A Preventive Model for Muscle Injuries: A Novel Approach based on Learning Algorithms. *Medicine and Science in Sports and Exercise*, **2018**, 50, 915-927	1.2	30
287	The Functional Movement Screen as a Predictor of Injury in National Collegiate Athletic Association Division II Athletes. *Journal of Athletic Training*, **2018**, 53, 29-34	4	21
286	Landing Kinematics in Elite Male Youth Soccer Players of Different Chronologic Ages and Stages of Maturation. *Journal of Athletic Training*, **2018**, 53, 372-378	4	20
285	Be as Upright as Possible When Squatting: Reply. *Strength and Conditioning Journal*, **2018**, 40, 110-110	2	
284	Brain-Behavior Mechanisms for the Transfer of Neuromuscular Training Adaptions to Simulated Sport: Initial Findings From the Train the Brain Project. *Journal of Sport Rehabilitation*, **2018**, 27, 1-5	1.7	24
283	Within- and Between-Session Reliability of the Isometric Midthigh Pull in Young Female Athletes. *Journal of Strength and Conditioning Research*, **2018**, 32, 1892-1901	3.2	18
282	Mapping current research trends on anterior cruciate ligament injury risk against the existing evidence: In vivo biomechanical risk factors - A Letter to the Editor. *Clinical Biomechanics*, **2018**, 56, 92-93	2.2	1
281	Less efficient oculomotor performance is associated with increased incidence of head impacts in high school ice hockey. *Journal of Science and Medicine in Sport*, **2018**, 21, 4-9	4.4	8
280	White matter alterations over the course of two consecutive high-school football seasons and the effect of a jugular compression collar: A preliminary longitudinal diffusion tensor imaging study. *Human Brain Mapping*, **2018**, 39, 491-508	5.9	28

279	The Influence of Growth and Maturation on Stretch-Shortening Cycle Function in Youth. *Sports Medicine*, **2018**, 48, 57-71	10.6	79
278	Altered landing mechanics are shown by male youth soccer players at different stages of maturation. *Physical Therapy in Sport*, **2018**, 33, 48-53	3	15
277	Age-Dependent Patellofemoral Pain: Hip and Knee Risk Landing Profiles in Prepubescent and Postpubescent Female Athletes. *American Journal of Sports Medicine*, **2018**, 46, 2761-2771	6.8	13
276	Reduced dual-task gait speed is associated with visual Go/No-Go brain network activation in children and adolescents with concussion. *Brain Injury*, **2018**, 32, 1129-1134	2.1	6
275	An audit of injuries in six english professional soccer academies. *Journal of Sports Sciences*, **2018**, 36, 1542-1548	3.6	52
274	Epidemiology of Injuries in Women's Lacrosse: Implications for Sport-, Level-, and Sex-Specific Injury Prevention Strategies. *Clinical Journal of Sport Medicine*, **2018**, 28, 406-413	3.2	17
273	The Effects of Injury Prevention Programs on the Biomechanics of Landing Tasks: A Systematic Review With Meta-analysis. *American Journal of Sports Medicine*, **2018**, 46, 1492-1499	6.8	45
272	The Effects of Maturation on Measures of Asymmetry During Neuromuscular Control Tests in Elite Male Youth Soccer Players. *Pediatric Exercise Science*, **2018**, 30, 168-175	2	31
271	A jugular vein compression collar prevents alterations of endogenous electrocortical dynamics following blast exposure during special weapons and tactical (SWAT) breacher training. *Experimental Brain Research*, **2018**, 236, 2691-2701	2.3	11
270	Red Blood Cell Response to Blast Levels of Force Impartations Into Freely Moveable Fluid Surfaces Inside a Closed Container. *Frontiers in Physics*, **2018**, 6,	3.9	2
269	Quantification and analysis of saccadic and smooth pursuit eye movements and fixations to detect oculomotor deficits. *Behavior Research Methods*, **2017**, 49, 258-266	6.1	32
268	Preliminary Outcomes of a Cross-Site Cognitive-Behavioral and Neuromuscular Integrative Training Intervention for Juvenile Fibromyalgia. *Arthritis Care and Research*, **2017**, 69, 413-420	4.7	26
267	Robotic simulation of identical athletic-task kinematics on cadaveric limbs exhibits a lack of differences in knee mechanics between contralateral pairs. *Journal of Biomechanics*, **2017**, 53, 36-44	2.9	8
266	Commentaries on Viewpoint: "Tighter fit" theory-physiologists explain why "higher altitude" and jugular occlusion are unlikely to reduce risks for sports concussion and brain injuries. *Journal of Applied Physiology*, **2017**, 122, 218-220	3.7	1
265	Current state of concussion prevention strategies: a systematic review and meta-analysis of prospective, controlled studies. *British Journal of Sports Medicine*, **2017**, 51, 1473-1482	10.3	44
264	The Reliability of Assessing Radiographic Healing of Osteochondritis Dissecans of the Knee. *American Journal of Sports Medicine*, **2017**, 45, 1370-1375	6.8	20
263	Knee Abduction Affects Greater Magnitude of Change in ACL and MCL Strains Than Matched Internal Tibial Rotation In Vitro. *Clinical Orthopaedics and Related Research*, **2017**, 475, 2385-2396	2.2	34
262	Outcomes and Complications After All-Epiphyseal Anterior Cruciate Ligament Reconstruction in Skeletally Immature Patients. *Orthopaedic Journal of Sports Medicine*, **2017**, 5, 2325967117693604	3.5	35

261	Neck Collar with Mild Jugular Vein Compression Ameliorates Brain Activation Changes during a Working Memory Task after a Season of High School Football. *Journal of Neurotrauma*, **2017**, 34, 2432-2444	5.4	14
260	Effectiveness of Neuromuscular Training Based on the Neuromuscular Risk Profile. *American Journal of Sports Medicine*, **2017**, 45, 2142-2147	6.8	50
259	Return to Sport in the Younger Patient With Anterior Cruciate Ligament Reconstruction. *Orthopaedic Journal of Sports Medicine*, **2017**, 5, 2325967117703399	3.5	41
258	A Novel Mass-Spring-Damper Model Analysis to Identify Landing Deficits in Athletes Returning to Sport After Anterior Cruciate Ligament Reconstruction. *Journal of Strength and Conditioning Research*, **2017**, 31, 2590-2598	3.2	5
257	Video Analysis Verification of Head Impact Events Measured by Wearable Sensors. *American Journal of Sports Medicine*, **2017**, 45, 2379-2387	6.8	69
256	Precision Sports Medicine: The Future of Advancing Health and Performance in Youth and Beyond. *Strength and Conditioning Journal*, **2017**, 39, 48-58	2	1
255	Preventive Neuromuscular Training for Young Female Athletes: Comparison of Coach and Athlete Compliance Rates. *Journal of Athletic Training*, **2017**, 52, 58-64	4	8
254	The Effects of External Jugular Compression Applied during High Intensity Power, Strength and Postural Control Tasks **2017**, 04, e23-e31		
253	Hopping and Landing Performance in Male Youth Soccer Players: Effects of Age and Maturation. *International Journal of Sports Medicine*, **2017**, 38, 902-908	3.6	12
252	Epidemiology of injuries in men's lacrosse: injury prevention implications for competition level, type of play, and player position. *Physician and Sportsmedicine*, **2017**, 45, 224-233	2.4	11
251	The Dynamic Interplay Between Active and Passive Knee Stability: Implications for Management of the High ACL Injury Risk Athlete **2017**, 473-490		
250	Virtual Reality As a Training Tool to Treat Physical Inactivity in Children. *Frontiers in Public Health*, **2017**, 5, 349	6	2
249	Intra- and Inter-Rater Reliability of the Modified Tuck Jump Assessment. *Journal of Sports Science and Medicine*, **2017**, 16, 117-124	2.7	16
248	Retrospective Injury Epidemiology and Risk Factors for Injury in CrossFit. *Journal of Sports Science and Medicine*, **2017**, 16, 53-59	2.7	34
247	Resistance Training for Pediatric Female Dancers. *Contemporary Pediatric and Adolescent Sports Medicine*, **2017**, 79-93	0.1	1
246	Citius, Altius, Fortius: beneficial effects of resistance training for young athletes: Narrative review. *British Journal of Sports Medicine*, **2016**, 50, 3-7	10.3	71
245	Immersive virtual reality improves movement patterns in patients after ACL reconstruction: implications for enhanced criteria-based return-to-sport rehabilitation. *Knee Surgery, Sports Traumatology, Arthroscopy*, **2016**, 24, 2280-6	5.5	45
244	Analysis of patient-reported anterior knee pain scale: implications for scale development in children and adolescents. *Knee Surgery, Sports Traumatology, Arthroscopy*, **2016**, 24, 653-60	5.5	10

243	Critical components of neuromuscular training to reduce ACL injury risk in female athletes: meta-regression analysis. *British Journal of Sports Medicine*, **2016**, 50, 1259-1266	10.3	76
242	A pilot study of biomechanical assessment before and after an integrative training program for adolescents with juvenile fibromyalgia. *Pediatric Rheumatology*, **2016**, 14, 43	3.5	16
241	Analysis of head impact exposure and brain microstructure response in a season-long application of a jugular vein compression collar: a prospective, neuroimaging investigation in American football. *British Journal of Sports Medicine*, **2016**, 50, 1276-1285	10.3	55
240	Consistency of Field-Based Measures of Neuromuscular Control Using Force-Plate Diagnostics in Elite Male Youth Soccer Players. *Journal of Strength and Conditioning Research*, **2016**, 30, 3304-3311	3.2	17
239	Resistance Training for Pediatric Female Dancers. *Journal of Dance Medicine and Science*, **2016**, 20, 64-71	0.7	8
238	Novel Arthroscopic Classification of Osteochondritis Dissecans of the Knee: A Multicenter Reliability Study. *American Journal of Sports Medicine*, **2016**, 44, 1694-8	6.8	37
237	National Strength and Conditioning Association Position Statement on Long-Term Athletic Development. *Journal of Strength and Conditioning Research*, **2016**, 30, 1491-509	3.2	175
236	Characteristics of inpatient anterior cruciate ligament reconstructions and concomitant injuries. *Knee Surgery, Sports Traumatology, Arthroscopy*, **2016**, 24, 2778-2786	5.5	24
235	Is current medical education adequately preparing future physicians to manage concussion: an initial evaluation. *Physician and Sportsmedicine*, **2016**, 44, 1-7	2.4	20
234	Risk of Secondary Injury in Younger Athletes After Anterior Cruciate Ligament Reconstruction: A Systematic Review and Meta-analysis. *American Journal of Sports Medicine*, **2016**, 44, 1861-76	6.8	541
233	Outcomes After Isolated Medial Patellofemoral Ligament Reconstruction for the Treatment of Recurrent Lateral Patellar Dislocations: A Systematic Review and Meta-analysis. *American Journal of Sports Medicine*, **2016**, 44, 2993-3005	6.8	146
232	Neuromuscular Risk Factors for Knee and Ankle Ligament Injuries in Male Youth Soccer Players. *Sports Medicine*, **2016**, 46, 1059-66	10.6	63
231	Sex-based differences in knee ligament biomechanics during robotically simulated athletic tasks. *Journal of Biomechanics*, **2016**, 49, 1429-1436	2.9	16
230	Sports Specialization, Part II: Alternative Solutions to Early Sport Specialization in Youth Athletes. *Sports Health*, **2016**, 8, 65-73	4.7	128
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