Christopher A Dicesare

List of Publications by Year in Descending Order

57 papers	759 citations	16 h-index	25 g-index
64 ext. papers	934 ext. citations	3.3 avg, IF	4.03 L-index

#	Paper	IF	Citations
57	Reducing Slip Risk: A Feasibility Study of Gait Training with Semi-Real-Time Feedback of Foot–Floor Contact Angle. *Sensors*, **2022**, 22, 3641	3.8	
56	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
55	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
54	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
53	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
52	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
51	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
50	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
49	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
48	Electrocortical dynamics differentiate athletes exhibiting low- and high- ACL injury risk biomechanics. *Psychophysiology*, **2020**, 57, e13530	4.1	6
47	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
46	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
45	Differentiating Successful and Unsuccessful Single-Leg Drop Landing Performance Using Uncontrolled Manifold Analysis. *Motor Control*, **2020**, 24, 75-90	1.3	4
44	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
43	Distinct Coordination Strategies Associated with the Drop Vertical Jump Task. *Medicine and Science in Sports and Exercise*, **2020**, 52, 1088-1098	1.2	5
42	Machine Learning Classification of Verified Head Impact Exposure Strengthens Associations with Brain Changes. *Annals of Biomedical Engineering*, **2020**, 48, 2772-2782	4.7	1
41	High-Risk Lower-Extremity Biomechanics Evaluated in Simulated Soccer-Specific Virtual Environments. *Journal of Sport Rehabilitation*, **2020**, 29, 294-300	1.7	12

40	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
39	Advancing Anterior Cruciate Ligament Injury Prevention Using Real-Time Biofeedback for Amplified Sensorimotor Integration. *Journal of Athletic Training*, **2019**, 54, 985-986	4	6
38	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
37	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
36	Lower Extremity Biomechanics Are Altered Across Maturation in Sport-Specialized Female Adolescent Athletes. *Frontiers in Pediatrics*, **2019**, 7, 268	3.4	16
35	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
34	Sport Specialization and Coordination Differences in Multisport Adolescent Female Basketball, Soccer, and Volleyball Athletes. *Journal of Athletic Training*, **2019**, 54, 1105-1114	4	26
33	Biomechanical and Functional Outcomes After Medial Patellofemoral Ligament Reconstruction: A Pilot Study. *Orthopaedic Journal of Sports Medicine*, **2019**, 7, 2325967119825854	3.5	6
32	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
31	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
30	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
29	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
28	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
27	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
26	Longer Fixation Times During Reading Are Correlated With Decreased Connectivity in Cognitive-Control Brain Regions During Rest in Children. *Mind, Brain, and Education*, **2018**, 12, 49-60	1.8	4
25	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
24	ALTERED SAGITTAL PLANE HIP BIOMECHANICS IN ADOLESCENT MALE DISTANCE RUNNERS WITH A HISTORY OF LOWER EXTREMITY INJURY. *International Journal of Sports Physical Therapy*, **2018**, 13, 441-452	1.4	
23	ALTERED SAGITTAL PLANE HIP BIOMECHANICS IN ADOLESCENT MALE DISTANCE RUNNERS WITH A HISTORY OF LOWER EXTREMITY INJURY. *International Journal of Sports Physical Therapy*, **2018**, 13, 441-452	1.4	4

22	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
21	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
20	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
19	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
18	The Effects of External Jugular Compression Applied during High Intensity Power, Strength and Postural Control Tasks **2017**, 04, e23-e31		
17	Modifying Anterior Cruciate Ligament Injury Risk Factors in Female Athletes Through Real-Time Biofeedback. *Medicine and Science in Sports and Exercise*, **2017**, 49, 308	1.2	
16	Sensorimotor Cortex Neuroplasticity Following Neuromuscular Training Augmented With Real Time Biofeedback. *Medicine and Science in Sports and Exercise*, **2017**, 49, 1035-1036	1.2	
15	Jugular Compression Ameliorates Alteration in fMRI of Working Memory in High School Female Soccer Athletes. *Medicine and Science in Sports and Exercise*, **2017**, 49, 310	1.2	
14	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
13	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
12	The Effects of External Jugular Compression Applied during Head Impact Exposure on Longitudinal Changes in Brain Neuroanatomical and Neurophysiological Biomarkers: A Preliminary Investigation. *Frontiers in Neurology*, **2016**, 7, 74	4.1	44
11	Preliminary evidence of altered biomechanics in adolescents with juvenile fibromyalgia. *Arthritis Care and Research*, **2015**, 67, 102-11	4.7	27
10	Reliability of 3-Dimensional Measures of Single-Leg Drop Landing Across 3 Institutions: Implications for Multicenter Research for Secondary ACL-Injury Prevention. *Journal of Sport Rehabilitation*, **2015**, 24, 198-209	1.7	20
9	Real-time biofeedback to target risk of anterior cruciate ligament injury: a technical report for injury prevention and rehabilitation. *Journal of Sport Rehabilitation*, **2015**, 24,	1.7	32
8	Reliability of 3-Dimensional Measures of Single-Leg Cross Drop Landing Across 3 Different Institutions: Implications for Multicenter Biomechanical and Epidemiological Research on ACL Injury Prevention. *Orthopaedic Journal of Sports Medicine*, **2015**, 3, 2325967115617905	3.5	6
7	Concurrent validity and reliability of 2d kinematic analysis of frontal plane motion during running. *International Journal of Sports Physical Therapy*, **2015**, 10, 136-46	1.4	47
6	Rates of concussion are lower in National Football League games played at higher altitudes. *Journal of Orthopaedic and Sports Physical Therapy*, **2014**, 44, 164-72	4.2	27
5	Altitude does not reduce concussion incidence in professional football players: a poor understanding of health statistics and altitude physiology. *Journal of Orthopaedic and Sports Physical Therapy*, **2014**, 44, 458-9	4.2	5

4	Consistency of clinical biomechanical measures between three different institutions: implications for multi-center biomechanical and epidemiological research. *International Journal of Sports Physical Therapy*, **2014**, 9, 289-301	1.4	7
3	The validity of 2-dimensional measurement of trunk angle during dynamic tasks. *International Journal of Sports Physical Therapy*, **2014**, 9, 420-7	1.4	12
2	Reduced hip strength is associated with increased hip motion during running in young adult and adolescent male long-distance runners. *International Journal of Sports Physical Therapy*, **2014**, 9, 456-67	1.4	12
1	Augmented feedback supports skill transfer and reduces high-risk injury landing mechanics: a double-blind, randomized controlled laboratory study. *American Journal of Sports Medicine*, **2013**, 41, 669-77	6.8	85