

Christopher A Dicesare

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Augmented feedback supports skill transfer and reduces high-risk injury landing mechanics: a double-blind, randomized controlled laboratory study. <i>American Journal of Sports Medicine</i> , 2013 , 41, 669-77	6.8	85
56	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. <i>British Journal of Sports Medicine</i> , 2016 , 50, 1276-1285	10.3	55
55	Concurrent validity and reliability of 2d kinematic analysis of frontal plane motion during running. <i>International Journal of Sports Physical Therapy</i> , 2015 , 10, 136-46	1.4	47
54	The Effects of External Jugular Compression Applied during Head Impact Exposure on Longitudinal Changes in Brain Neuroanatomical and Neurophysiological Biomarkers: A Preliminary Investigation. <i>Frontiers in Neurology</i> , 2016 , 7, 74	4.1	44
53	Quantification and analysis of saccadic and smooth pursuit eye movements and fixations to detect oculomotor deficits. <i>Behavior Research Methods</i> , 2017 , 49, 258-266	6.1	32
52	Real-time biofeedback to target risk of anterior cruciate ligament injury: a technical report for injury prevention and rehabilitation. <i>Journal of Sport Rehabilitation</i> , 2015 , 24,	1.7	32
51	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. <i>Human Brain Mapping</i> , 2018 , 39, 491-508	5.9	28
50	Preliminary evidence of altered biomechanics in adolescents with juvenile fibromyalgia. <i>Arthritis Care and Research</i> , 2015 , 67, 102-11	4.7	27
49	Rates of concussion are lower in National Football League games played at higher altitudes. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2014 , 44, 164-72	4.2	27
48	Sport Specialization and Coordination Differences in Multisport Adolescent Female Basketball, Soccer, and Volleyball Athletes. <i>Journal of Athletic Training</i> , 2019 , 54, 1105-1114	4	26
47	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. <i>British Journal of Sports Medicine</i> , 2019 , 53, 1539-1551	10.3	26
46	Brain-Behavior Mechanisms for the Transfer of Neuromuscular Training Adaptions to Simulated Sport: Initial Findings From the Train the Brain Project. <i>Journal of Sport Rehabilitation</i> , 2018 , 27, 1-5	1.7	24
45	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. <i>Clinical Journal of Sport Medicine</i> , 2019 , 29, 442-450	3.2	22
44	Reliability of 3-Dimensional Measures of Single-Leg Drop Landing Across 3 Institutions: Implications for Multicenter Research for Secondary ACL-Injury Prevention. <i>Journal of Sport Rehabilitation</i> , 2015 , 24, 198-209	1.7	20
43	A pilot study of biomechanical assessment before and after an integrative training program for adolescents with juvenile fibromyalgia. <i>Pediatric Rheumatology</i> , 2016 , 14, 43	3.5	16
42	Lower Extremity Biomechanics Are Altered Across Maturation in Sport-Specialized Female Adolescent Athletes. <i>Frontiers in Pediatrics</i> , 2019 , 7, 268	3.4	16
41	Neck Collar with Mild Jugular Vein Compression Ameliorates Brain Activation Changes during a Working Memory Task after a Season of High School Football. <i>Journal of Neurotrauma</i> , 2017 , 34, 2432-2444	5.4	14

40	Real-time biofeedback integrated into neuromuscular training reduces high-risk knee biomechanics and increases functional brain connectivity: A preliminary longitudinal investigation. <i>Psychophysiology</i> , 2020 , 57, e13545	4.1	14
39	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. <i>Journal of Biomechanics</i> , 2020 , 103, 109669	2.9	13
38	Age-Dependent Patellofemoral Pain: Hip and Knee Risk Landing Profiles in Prepubescent and Postpubescent Female Athletes. <i>American Journal of Sports Medicine</i> , 2018 , 46, 2761-2771	6.8	13
37	Injury Risk Factors Integrated Into Self-Guided Real-Time Biofeedback Improves High-Risk Biomechanics. <i>Journal of Sport Rehabilitation</i> , 2019 , 28, 831-839	1.7	13
36	The validity of 2-dimensional measurement of trunk angle during dynamic tasks. <i>International Journal of Sports Physical Therapy</i> , 2014 , 9, 420-7	1.4	12
35	Reduced hip strength is associated with increased hip motion during running in young adult and adolescent male long-distance runners. <i>International Journal of Sports Physical Therapy</i> , 2014 , 9, 456-67	1.4	12
34	High-Risk Lower-Extremity Biomechanics Evaluated in Simulated Soccer-Specific Virtual Environments. <i>Journal of Sport Rehabilitation</i> , 2020 , 29, 294-300	1.7	12
33	Mild Jugular Compression Collar Ameliorated Changes in Brain Activation of Working Memory after One Soccer Season in Female High School Athletes. <i>Journal of Neurotrauma</i> , 2018 , 35, 1248-1259	5.4	11
32	A jugular vein compression collar prevents alterations of endogenous electrocortical dynamics following blast exposure during special weapons and tactical (SWAT) breacher training. <i>Experimental Brain Research</i> , 2018 , 236, 2691-2701	2.3	11
31	EMG-Informed Musculoskeletal Modeling to Estimate Realistic Knee Anterior Shear Force During Drop Vertical Jump in Female Athletes. <i>Annals of Biomedical Engineering</i> , 2019 , 47, 2416-2430	4.7	10
30	Less efficient oculomotor performance is associated with increased incidence of head impacts in high school ice hockey. <i>Journal of Science and Medicine in Sport</i> , 2018 , 21, 4-9	4.4	8
29	A Technical Report on the Development of a Real-Time Visual Biofeedback System to Optimize Motor Learning and Movement Deficit Correction. <i>Journal of Sports Science and Medicine</i> , 2020 , 19, 84-94	2.7	8
28	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. <i>Journal of Neurotrauma</i> , 2019 , 36, 721-734	5.4	7
27	Consistency of clinical biomechanical measures between three different institutions: implications for multi-center biomechanical and epidemiological research. <i>International Journal of Sports Physical Therapy</i> , 2014 , 9, 289-301	1.4	7
26	Advancing Anterior Cruciate Ligament Injury Prevention Using Real-Time Biofeedback for Amplified Sensorimotor Integration. <i>Journal of Athletic Training</i> , 2019 , 54, 985-986	4	6
25	Electrocortical dynamics differentiate athletes exhibiting low- and high- ACL injury risk biomechanics. <i>Psychophysiology</i> , 2020 , 57, e13530	4.1	6
24	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. <i>Orthopaedic Journal of Sports Medicine</i> , 2015 , 3, 2325967115617905	3.5	6
23	Biomechanical and Functional Outcomes After Medial Patellofemoral Ligament Reconstruction: A Pilot Study. <i>Orthopaedic Journal of Sports Medicine</i> , 2019 , 7, 2325967119825854	3.5	6

22	Altitude does not reduce concussion incidence in professional football players: a poor understanding of health statistics and altitude physiology. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2014 , 44, 458-9	4.2	5
21	Distinct Coordination Strategies Associated with the Drop Vertical Jump Task. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 1088-1098	1.2	5
20	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. <i>Brain Connectivity</i> , 2020 , 10, 292-301	2.7	5
19	Longer Fixation Times During Reading Are Correlated With Decreased Connectivity in Cognitive-Control Brain Regions During Rest in Children. <i>Mind, Brain, and Education</i> , 2018 , 12, 49-60	1.8	4
18	Differentiating Successful and Unsuccessful Single-Leg Drop Landing Performance Using Uncontrolled Manifold Analysis. <i>Motor Control</i> , 2020 , 24, 75-90	1.3	4
17	ALTERED SAGITTAL PLANE HIP BIOMECHANICS IN ADOLESCENT MALE DISTANCE RUNNERS WITH A HISTORY OF LOWER EXTREMITY INJURY. <i>International Journal of Sports Physical Therapy</i> , 2018 , 13, 441-452	1.4	4
16	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. <i>Journal of Neuroscience Research</i> , 2021 , 99, 423-445	4.4	4
15	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. <i>Clinical Journal of Pain</i> , 2021 , 37, 51-60	3.5	4
14	Internal Jugular Vein Compression Collar Mitigates Histopathological Alterations after Closed Head Rotational Head Impact in Swine: A Pilot Study. <i>Neuroscience</i> , 2020 , 437, 132-144	3.9	3
13	Red Blood Cell Response to Blast Levels of Force Impartations Into Freely Moveable Fluid Surfaces Inside a Closed Container. <i>Frontiers in Physics</i> , 2018 , 6,	3.9	2
12	Machine Learning Classification of Verified Head Impact Exposure Strengthens Associations with Brain Changes. <i>Annals of Biomedical Engineering</i> , 2020 , 48, 2772-2782	4.7	1
11	Integrated 3D motion analysis with functional magnetic resonance neuroimaging to identify neural correlates of lower extremity movement. <i>Journal of Neuroscience Methods</i> , 2021 , 355, 109108	3	1
10	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. <i>Annals of Biomedical Engineering</i> , 2021 , 49, 2863-2874	4.7	1
9	Maturity alters drop vertical jump landing force-time profiles but not performance outcomes in adolescent females. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021 , 31, 2055-2063	4.6	0
8	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. <i>Journal of Science in Sport and Exercise</i> , 2021 , 3, 56-65	1	0
7	High School Sports-Related Concussion and the Effect of a Jugular Vein Compression Collar: A Prospective Longitudinal Investigation of Neuroimaging and Neurofunctional Outcomes. <i>Journal of Neurotrauma</i> , 2021 , 38, 2811-2821	5.4	0
6	The Effects of External Jugular Compression Applied during High Intensity Power, Strength and Postural Control Tasks 2017 , 04, e23-e31		
5	Modifying Anterior Cruciate Ligament Injury Risk Factors in Female Athletes Through Real-Time Biofeedback. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 308	1.2	

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| 4 | Sensorimotor Cortex Neuroplasticity Following Neuromuscular Training Augmented With Real Time Biofeedback. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 1035-1036 | 1.2 |
| 3 | Jugular Compression Ameliorates Alteration in fMRI of Working Memory in High School Female Soccer Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 310 | 1.2 |
| 2 | ALTERED SAGITTAL PLANE HIP BIOMECHANICS IN ADOLESCENT MALE DISTANCE RUNNERS WITH A HISTORY OF LOWER EXTREMITY INJURY. <i>International Journal of Sports Physical Therapy</i> , 2018 , 13, 441-452 | 1.4 |
| 1 | Reducing Slip Risk: A Feasibility Study of Gait Training with Semi-Real-Time Feedback of Footfloor Contact Angle. <i>Sensors</i> , 2022 , 22, 3641 | 3.8 |