

# Thomas A Buckley

## List of Publications by Year in Descending Order

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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.

115  
papers

2,408  
citations

32  
h-index

45  
g-index

156  
ext. papers

2,980  
ext. citations

3.2  
avg, IF

5.48  
L-index

#	Paper	IF	Citations
115	Altered Brain Functional Connectivity in the Frontoparietal Network Following an Ice Hockey Season.. <i>European Journal of Sport Science</i> , <b>2022</b> , 1-20	3.9	
114	Effectiveness of a Computerized Cognitive Training Program for Reducing Head Impact Kinematics in Youth Ice Hockey Players. <i>International Journal of Exercise Science</i> , <b>2021</b> , 14, 149-161	1.3	
113	Sport-related concussion adopt a more conservative approach to straight path walking and turning during tandem gait. <i>Journal of Clinical and Translational Research</i> , <b>2021</b> , 7, 443-449	1.1	0
112	Single-Task and Dual-Task Tandem Gait Performance Across Clinical Concussion Milestones in Collegiate Student-Athletes. <i>Clinical Journal of Sport Medicine</i> , <b>2021</b> , 31, e392-e397	3.2	1
111	Age of First Exposure to Collision Sports Does Not Affect Patient Reported Outcomes in Women and Men Community Rugby Players. <i>Medicine and Science in Sports and Exercise</i> , <b>2021</b> , 53, 1895-1902	1.2	2
110	Detailed description of Division I ice hockey concussions: Findings from the NCAA and Department of Defense CARE Consortium. <i>Journal of Sport and Health Science</i> , <b>2021</b> , 10, 162-171	8.2	4
109	Persistent Visual and Vestibular Impairments for Postural Control Following Concussion: A Cross-Sectional Study in University Students. <i>Sports Medicine</i> , <b>2021</b> , 51, 2209-2220	10.6	0
108	The ENIGMA sports injury working group:- an international collaboration to further our understanding of sport-related brain injury. <i>Brain Imaging and Behavior</i> , <b>2021</b> , 15, 576-584	4.1	3
107	Impairments in Dynamic Postural Control across Concussion Clinical Milestones. <i>Journal of Neurotrauma</i> , <b>2021</b> , 38, 86-93	5.4	2
106	The effects of repetitive head impacts on postural control: A systematic review. <i>Journal of Science and Medicine in Sport</i> , <b>2021</b> , 24, 247-257	4.4	2
105	Diagnosed concussion is associated with increased risk for lower extremity injury in community rugby players. <i>Journal of Science and Medicine in Sport</i> , <b>2021</b> , 24, 368-372	4.4	4
104	Acute and Lingering Impairments in Post-Concussion Postural Control <b>2021</b> , 95-118		
103	Recovery Profiles after Concussion among Male Student-Athletes and Service Cadets with a Family History of Neurodegenerative Disease: Data from the NCAA-DoD CARE Consortium. <i>Journal of Neurotrauma</i> , <b>2021</b> , 38, 485-492	5.4	0
102	Postural Control Deficits After Repetitive Soccer Heading. <i>Clinical Journal of Sport Medicine</i> , <b>2021</b> , 31, 266-272	3.2	17
101	Interpreting Clinical Reaction Time Change and Recovery After Concussion: A Baseline Versus Norm-Based Cutoff Score Comparison. <i>Journal of Athletic Training</i> , <b>2021</b> , 56, 851-859	4	1
100	Association between sports participation history and age of first exposure to high-risk sports with concussion history. <i>Research in Sports Medicine</i> , <b>2021</b> , 1-13	3.8	2
99	Factors Associated with Symptom Reporting in U.S. Service Academy Cadets and NCAA Student Athletes without Concussion: Findings from the CARE Consortium. <i>Sports Medicine</i> , <b>2021</b> , 51, 1087-1105	10.6	7

98	Gait Performance Is Associated with Subsequent Lower Extremity Injury following Concussion. <i>Medicine and Science in Sports and Exercise</i> , <b>2020</b> , 52, 2279-2285	1.2	16
97	Differential Effects of Acute and Multiple Concussions on Gait Initiation Performance. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2020</b> , 101, 1347-1354	2.8	3
96	No Clinical Predictors of Postconcussion Musculoskeletal Injury in College Athletes. <i>Medicine and Science in Sports and Exercise</i> , <b>2020</b> , 52, 1256-1262	1.2	25
95	Baseline Postural Control and Lower Extremity Injury Incidence Among Those With a History of Concussion. <i>Journal of Athletic Training</i> , <b>2020</b> , 55, 109-115	4	5
94	No differences in tandem gait performance between male and female athletes acutely post-concussion. <i>Journal of Science and Medicine in Sport</i> , <b>2020</b> , 23, 814-819	4.4	6
93	Clinical Reaction-Time Performance Factors in Healthy Collegiate Athletes. <i>Journal of Athletic Training</i> , <b>2020</b> , 55, 601-607	4	4
92	Fronto-parietal Network Hyperconnectivity As A Result Of Head Impacts In College Ice Hockey. <i>Medicine and Science in Sports and Exercise</i> , <b>2020</b> , 52, 953-953	1.2	
91	The use of a visual motor test to identify lingering deficits in concussed collegiate athletes. <i>Journal of Clinical and Translational Research</i> , <b>2020</b> , 5, 178-185	1.1	2
90	Virtual reality in concussion management: from lab to clinic. <i>Journal of Clinical and Translational Research</i> , <b>2020</b> , 5, 148-154	1.1	2
89	Repetitive head impacts affect mediolateral postural sway entropy in the absence of vision following a competitive athletic season: preliminary findings. <i>Journal of Clinical and Translational Research</i> , <b>2020</b> , 5, 197-203	1.1	
88	Minimal Detectable Change Scores and Reliability of the Balance Error Scoring System in Student-Athletes With Acute Concussion. <i>Athletic Training &amp; Sports Health Care</i> , <b>2020</b> , 12, 67-73	0.6	4
87	Estimated Age of First Exposure to Contact Sports and Neurocognitive, Psychological, and Physical Outcomes in Healthy NCAA Collegiate Athletes: A Cohort Study. <i>Sports Medicine</i> , <b>2020</b> , 50, 1377-1392	10.6	8
86	Estimated age of first exposure to American football and outcome from concussion. <i>Neurology</i> , <b>2020</b> , 95, e2935-e2944	6.5	5
85	Return to play and risk of repeat concussion in collegiate football players: comparative analysis from the NCAA Concussion Study (1999-2001) and CARE Consortium (2014-2017). <i>British Journal of Sports Medicine</i> , <b>2020</b> , 54, 102-109	10.3	42
84	Turn Characteristics During Gait Differ With and Without a Cognitive Demand Among College Athletes. <i>Journal of Sport Rehabilitation</i> , <b>2020</b> , 29, 448-453	1.7	1
83	Academic aptitude mediates the relationship between socioeconomic status and race in predicting ImPACT scores in college athletes. <i>Clinical Neuropsychologist</i> , <b>2020</b> , 34, 561-579	4.4	10
82	Estimated Age of First Exposure to Contact Sports Is Not Associated with Greater Symptoms or Worse Cognitive Functioning in Male U.S. Service Academy Athletes. <i>Journal of Neurotrauma</i> , <b>2020</b> , 37, 334-339	5.4	17
81	Does baseline concussion testing aid in identifying future concussion risk?. <i>Research in Sports Medicine</i> , <b>2020</b> , 28, 594-599	3.8	3

80	Investigating the Range of Symptom Endorsement at Initiation of a Graduated Return-to-Play Protocol After Concussion and Duration of the Protocol: A Study From the National Collegiate Athletic Association-Department of Defense Concussion, Assessment, Research, and Education (CARE) Consortium. <i>American Journal of Sports Medicine</i> , <b>2020</b> , 48, 1476-1484	6.8	7
79	King-Devick Test Time Varies by Testing Modality. <i>Clinical Journal of Sport Medicine</i> , <b>2020</b> , 30, e139-e142 <sub>3,2</sub>		8
78	Relationship Between the King-Devick Test and Commonly Used Concussion Tests at Baseline. <i>Journal of Athletic Training</i> , <b>2019</b> , 54, 1247-1253	4	7
77	Identification of Post-Concussion Dual-Task Gait Abnormalities Using Normative Reference Values. <i>Journal of Applied Biomechanics</i> , <b>2019</b> , 35, 290-296	1.2	7
76	Evaluating Performance of National Hockey League Players After a Concussion Versus Lower Body Injury. <i>Journal of Athletic Training</i> , <b>2019</b> , 54, 534-540	4	6
75	Concussion and National Hockey League Player Performance: An Advanced Hockey Metrics Analysis. <i>Journal of Athletic Training</i> , <b>2019</b> , 54, 527-533	4	6
74	Repetitive Head Impact Exposure in College Football Following an NCAA Rule Change to Eliminate Two-A-Day Preseason Practices: A Study from the NCAA-DoD CARE Consortium. <i>Annals of Biomedical Engineering</i> , <b>2019</b> , 47, 2073-2085	4.7	35
73	Acute Sport Concussion Assessment Optimization: A Prospective Assessment from the CARE Consortium. <i>Sports Medicine</i> , <b>2019</b> , 49, 1977-1987	10.6	24
72	King-Devick Test Reliability in National Collegiate Athletic Association Athletes: A National Collegiate Athletic Association-Department of Defense Concussion Assessment, Research and Education Report. <i>Journal of Athletic Training</i> , <b>2019</b> , 54, 1241-1246	4	10
71	Relationships between Aggression and Head Impact Kinematics in Ice Hockey. <i>Medicine and Science in Sports and Exercise</i> , <b>2019</b> , 51, 736-736	1.2	1
70	Estimated Age of First Exposure to American Football and Neurocognitive Performance Amongst NCAA Male Student-Athletes: A Cohort Study. <i>Sports Medicine</i> , <b>2019</b> , 49, 477-487	10.6	29
69	Effects of Repetitive Head Impacts on a Concussion Assessment Battery. <i>Medicine and Science in Sports and Exercise</i> , <b>2019</b> , 51, 1355-1361	1.2	20
68	No Differences in Tandem Gait Performance between Males and Females Acutely Post-Concussion. <i>Medicine and Science in Sports and Exercise</i> , <b>2019</b> , 51, 413-413	1.2	
67	Repetitive Head Impacts in Football Do Not Impair Dynamic Postural Control. <i>Medicine and Science in Sports and Exercise</i> , <b>2019</b> , 51, 132-140	1.2	9
66	Single Versus Dual-Task Performance Using a Novel Dual-Task Assessment in a Healthy Sample. <i>Medicine and Science in Sports and Exercise</i> , <b>2019</b> , 51, 740-741	1.2	
65	Impact of Factors that Affect Reading Skill Level on King-Devick Baseline Performance Time. <i>Annals of Biomedical Engineering</i> , <b>2019</b> , 47, 2122-2127	4.7	6
64	Comparison of Head Impact Exposure Between Concussed Football Athletes and Matched Controls: Evidence for a Possible Second Mechanism of Sport-Related Concussion. <i>Annals of Biomedical Engineering</i> , <b>2019</b> , 47, 2057-2072	4.7	42
63	Health-Related Quality of Life Following Concussion in Collegiate Student-Athletes With and Without Concussion History. <i>Annals of Biomedical Engineering</i> , <b>2019</b> , 47, 2136-2146	4.7	13

62	Dual-Task Tandem Gait and Average Walking Speed in Healthy Collegiate Athletes. <i>Clinical Journal of Sport Medicine</i> , <b>2019</b> , 29, 238-244	3.2	19
61	Head and neck size and neck strength predict linear and rotational acceleration during purposeful soccer heading. <i>Sports Biomechanics</i> , <b>2018</b> , 17, 462-476	2.2	39
60	Influences of Mental Illness, Current Psychological State, and Concussion History on Baseline Concussion Assessment Performance. <i>American Journal of Sports Medicine</i> , <b>2018</b> , 46, 1742-1751	6.8	22
59	Neuromuscular Control Deficits and the Risk of Subsequent Injury after a Concussion: A Scoping Review. <i>Sports Medicine</i> , <b>2018</b> , 48, 1097-1115	10.6	91
58	Linear Acceleration in Direct Head Contact Across Impact Type, Player Position, and Playing Scenario in Collegiate Women's Soccer Players. <i>Journal of Athletic Training</i> , <b>2018</b> , 53, 115-121	4	58
57	Efficacy of Tandem Gait to Identify Impaired Postural Control after Concussion. <i>Medicine and Science in Sports and Exercise</i> , <b>2018</b> , 50, 1162-1168	1.2	43
56	Age at First Concussion Influences the Number of Subsequent Concussions. <i>Pediatric Neurology</i> , <b>2018</b> , 81, 19-24	2.9	18
55	Self-reported sleep duration affects tandem gait, but not steady-state gait outcomes among healthy collegiate athletes. <i>Gait and Posture</i> , <b>2018</b> , 62, 291-296	2.6	15
54	Immediate Removal From Activity After Sport-Related Concussion Is Associated With Shorter Clinical Recovery and Less Severe Symptoms in Collegiate Student-Athletes. <i>American Journal of Sports Medicine</i> , <b>2018</b> , 46, 1465-1474	6.8	82
53	Worsening Dual-Task Gait Costs after Concussion and their Association with Subsequent Sport-Related Injury. <i>Journal of Neurotrauma</i> , <b>2018</b> , 35, 1630-1636	5.4	53
52	Sensitivity and Specificity of the Modified Balance Error Scoring System in Concussed Collegiate Student Athletes. <i>Clinical Journal of Sport Medicine</i> , <b>2018</b> , 28, 174-176	3.2	37
51	Repetitive head impacts do not affect postural control following a competitive athletic season. <i>International Journal of Psychophysiology</i> , <b>2018</b> , 132, 81-86	2.9	10
50	Sex and age differences in head acceleration during purposeful soccer heading. <i>Research in Sports Medicine</i> , <b>2018</b> , 26, 64-74	3.8	38
49	Factors associated with post-concussion syndrome in high school student-athletes. <i>Journal of Science and Medicine in Sport</i> , <b>2018</b> , 21, 447-452	4.4	17
48	The utility of instrumented dual-task gait and tablet-based neurocognitive measurements after concussion. <i>Journal of Science and Medicine in Sport</i> , <b>2018</b> , 21, 358-362	4.4	29
47	Single and Dual-Task Tandem Gait Performance Throughout Concussion Recovery. <i>Medicine and Science in Sports and Exercise</i> , <b>2018</b> , 50, 478	1.2	
46	Early Sport Specialization and Bilateral Tissue Differences in Overhead Athletes. <i>Medicine and Science in Sports and Exercise</i> , <b>2018</b> , 50, 603	1.2	
45	Effects Of A Musculoskeletal Injury On Rebaseline Concussion Assessment Performance. <i>Medicine and Science in Sports and Exercise</i> , <b>2018</b> , 50, 226	1.2	

44	No Relationship Between Head Impact Kinematics and Concussion Clinical Assessment Performance. <i>Medicine and Science in Sports and Exercise</i> , <b>2018</b> , 50, 475-476	1.2	
43	No Increased Lower Extremity Injury Risk Following Concussion in Youth Tackle Football Players. <i>Medicine and Science in Sports and Exercise</i> , <b>2018</b> , 50, 227-228	1.2	
42	Normative Tandem Gait in Collegiate Student-Athletes: Implications for Clinical Concussion Assessment. <i>Sports Health</i> , <b>2017</b> , 9, 305-311	4.7	21
41	Decreased Anticipatory Postural Adjustments During Gait Initiation Acutely Postconcussion. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2017</b> , 98, 1962-1968	2.8	23
40	Sport-related concussion induces transient cardiovascular autonomic dysfunction. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2017</b> , 312, R575-R584	3.2	40
39	Concussion Management Plan Compliance: A Study of NCAA Power 5 Conference Schools. <i>Orthopaedic Journal of Sports Medicine</i> , <b>2017</b> , 5, 2325967117702606	3.5	19
38	The Value of Speech-Language Pathologists in Concussion Management <b>2017</b> , 04, e8-e13		6
37	Single-Task and Dual-Task Gait Among Collegiate Athletes of Different Sport Classifications: Implications for Concussion Management. <i>Journal of Applied Biomechanics</i> , <b>2017</b> , 33, 24-31	1.2	34
36	Acute rest does not predict symptom recovery in collegiate student athletes. <i>British Journal of Sports Medicine</i> , <b>2017</b> , 51, A84.1-A84	10.3	1
35	Comparison of Psychological Response between Concussion and Musculoskeletal Injury in Collegiate Athletes. <i>Sport, Exercise, and Performance Psychology</i> , <b>2017</b> , 6, 277-288	2.3	19
34	Lower Extremity Musculoskeletal Injury Risk After Concussion Recovery in High School Athletes. <i>Journal of Athletic Training</i> , <b>2017</b> , 52, 1028-1034	4	46
33	Neuropsychological Testing in Asymptomatic High School Football Players. <i>Athletic Training &amp; Sports Health Care</i> , <b>2017</b> , 9, 58-63	0.6	
32	No Performance Changes Following a Concussion Amongst National Hockey League Players. <i>Medicine and Science in Sports and Exercise</i> , <b>2017</b> , 49, 545-546	1.2	
31	Variation In King-Devick Performance Time By Primary Language And History Of A Learning Disorder. <i>Medicine and Science in Sports and Exercise</i> , <b>2017</b> , 49, 548-549	1.2	
30	Altered dynamic postural control during gait termination following concussion. <i>Gait and Posture</i> , <b>2016</b> , 49, 437-442	2.6	25
29	Sway Area and Velocity Correlated With MobileMat Balance Error Scoring System (BESS) Scores. <i>Journal of Applied Biomechanics</i> , <b>2016</b> , 32, 329-34	1.2	10
28	Reducing purposeful headers from goal kicks and punts may reduce cumulative exposure to head acceleration. <i>Research in Sports Medicine</i> , <b>2016</b> , 24, 407-415	3.8	41
27	Evidence of a conservative gait strategy in athletes with a history of concussions. <i>Journal of Sport and Health Science</i> , <b>2016</b> , 5, 417-423	8.2	46

26	Concussion knowledge among amateur motocross riders. <i>Concussion</i> , <b>2016</b> , 1, CNC16	1.8	2
25	Acute Cognitive and Physical Rest May Not Improve Concussion Recovery Time. <i>Journal of Head Trauma Rehabilitation</i> , <b>2016</b> , 31, 233-41	3	61
24	Postural control deficits identify lingering post-concussion neurological deficits. <i>Journal of Sport and Health Science</i> , <b>2016</b> , 5, 61-69	8.2	68
23	English professional football players concussion knowledge and attitude. <i>Journal of Sport and Health Science</i> , <b>2016</b> , 5, 197-204	8.2	26
22	Predictors of postconcussion syndrome in collegiate student-athletes. <i>Neurosurgical Focus</i> , <b>2016</b> , 40, E13	4.2	46
21	Scapular Upward-Rotation Deficits After Acute Fatigue in Tennis Players. <i>Journal of Athletic Training</i> , <b>2016</b> , 51, 474-9	4	17
20	Association Between Concussion and Lower Extremity Injuries in Collegiate Athletes. <i>Sports Health</i> , <b>2016</b> , 8, 561-567	4.7	55
19	Concussion-Management Practice Patterns of National Collegiate Athletic Association Division II and III Athletic Trainers: How the Other Half Lives. <i>Journal of Athletic Training</i> , <b>2015</b> , 50, 879-88	4	64
18	Sideline Performance of the Balance Error Scoring System during a Live Sporting Event. <i>Clinical Journal of Sport Medicine</i> , <b>2015</b> , 25, 248-53	3.2	38
17	No Relationship Between Concussion History and Functional Movement Screen Performance. <i>Athletic Training &amp; Sports Health Care</i> , <b>2015</b> , 7, 197-203	0.6	1
16	National Collegiate Athletic Association Division I athletic trainers' concussion-management practice patterns. <i>Journal of Athletic Training</i> , <b>2014</b> , 49, 665-73	4	66
15	Concussion reporting rates at the conclusion of an intercollegiate athletic career. <i>Clinical Journal of Sport Medicine</i> , <b>2014</b> , 24, 76-9	3.2	132
14	Acute and Lingering Impairments in Post-concussion Postural Control <b>2014</b> , 139-165		2
13	Altered gait termination strategies following a concussion. <i>Gait and Posture</i> , <b>2013</b> , 38, 549-51	2.6	65
12	Age and Parkinson's disease related kinematic alterations during multi-directional gait initiation. <i>Gait and Posture</i> , <b>2013</b> , 37, 280-6	2.6	27
11	Balance error scoring system performance changes after a competitive athletic season. <i>Clinical Journal of Sport Medicine</i> , <b>2013</b> , 23, 312-7	3.2	47
10	Knowledge of Coaching Education Students Regarding Sport-Related Concussions. <i>Athletic Training &amp; Sports Health Care</i> , <b>2013</b> , 5, 11-19	0.6	10
9	Postural instability and gait impairment during obstacle crossing in Parkinson's disease. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2012</b> , 93, 703-9	2.8	46

8	Progressive resistance training improves gait initiation in individuals with Parkinson's disease. <i>Gait and Posture</i> , <b>2012</b> , 35, 669-73	2.6	94
7	Reliability in one-repetition maximum performance in people with Parkinson's disease. <i>Parkinson's Disease</i> , <b>2012</b> , 2012, 928736	2.6	5
6	Shannon and Renyi entropies to classify effects of Mild Traumatic Brain Injury on postural sway. <i>PLoS ONE</i> , <b>2011</b> , 6, e24446	3.7	63
5	Knee extensor strength, dynamic stability, and functional ambulation: are they related in Parkinson's disease?. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2010</b> , 91, 589-95	2.8	35
4	Age impairs sit-to-walk motor performance. <i>Journal of Biomechanics</i> , <b>2009</b> , 42, 2318-22	2.9	40
3	Dynamic postural stability during sit-to-walk transitions in Parkinson disease patients. <i>Movement Disorders</i> , <b>2008</b> , 23, 1274-80	7	62
2	Subjective versus Objective Measures of Gait Function: Accuracy in Parkinson Disease. <i>Medicine and Science in Sports and Exercise</i> , <b>2008</b> , 40, S19	1.2	
1	Repetitive subconcussive head impacts and changes in sensory processing for balance control		1