

# Scott Bonnette

## 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.

30  
papers

240  
citations

9  
h-index

14  
g-index

33  
ext. papers

326  
ext. citations

2.7  
avg, IF

3.23  
L-index

#	Paper	IF	Citations
30	Postconcussion Postural Sway Variability Changes in Youth: The Benefit of Structural Variability Analyses. <i>Pediatric Physical Therapy</i> , <b>2015</b> , 27, 316-27	0.9	31
29	Does brain functional connectivity contribute to musculoskeletal injury? A preliminary prospective analysis of a neural biomarker of ACL injury risk. <i>Journal of Science and Medicine in Sport</i> , <b>2019</b> , 22, 169-174	1.4	25
28	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> , <b>2018</b> , 27, 1-5	1.7	24
27	Alterations in knee sensorimotor brain functional connectivity contributes to ACL injury in male high-school football players: a prospective neuroimaging analysis. <i>Brazilian Journal of Physical Therapy</i> , <b>2020</b> , 24, 415-423	3.7	16
26	Real-time biofeedback integrated into neuromuscular training reduces high-risk knee biomechanics and increases functional brain connectivity: A preliminary longitudinal investigation. <i>Psychophysiology</i> , <b>2020</b> , 57, e13545	4.1	14
25	Injury Risk Factors Integrated Into Self-Guided Real-Time Biofeedback Improves High-Risk Biomechanics. <i>Journal of Sport Rehabilitation</i> , <b>2019</b> , 28, 831-839	1.7	13
24	High-Risk Lower-Extremity Biomechanics Evaluated in Simulated Soccer-Specific Virtual Environments. <i>Journal of Sport Rehabilitation</i> , <b>2020</b> , 29, 294-300	1.7	12
23	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> , <b>2018</b> , 236, 2691-2701	2.3	11
22	Intermittent coupling between grip force and load force during oscillations of a hand-held object. <i>Experimental Brain Research</i> , <b>2018</b> , 236, 2531-2544	2.3	11
21	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> , <b>2020</b> , 19, 84-94	2.7	8
20	Spatial and temporal analysis center of pressure displacement during adolescence: Clinical implications of developmental changes. <i>Human Movement Science</i> , <b>2018</b> , 58, 148-154	2.4	7
19	Advancing Anterior Cruciate Ligament Injury Prevention Using Real-Time Biofeedback for Amplified Sensorimotor Integration. <i>Journal of Athletic Training</i> , <b>2019</b> , 54, 985-986	4	6
18	Dual-Task Gait Stability after Concussion and Subsequent Injury: An Exploratory Investigation. <i>Sensors</i> , <b>2020</b> , 20,	3.8	6
17	Electrocortical dynamics differentiate athletes exhibiting low- and high- ACL injury risk biomechanics. <i>Psychophysiology</i> , <b>2020</b> , 57, e13530	4.1	6
16	Practical Training Strategies to Apply Neuro-Mechanistic Motor Learning Principles to Facilitate Adaptations Towards Injury-Resistant Movement in Youth. <i>Journal of Science in Sport and Exercise</i> , <b>2021</b> , 3, 3-16	1	6
15	Targeted Application of Motor Learning Theory to Leverage Youth Neuroplasticity for Enhanced Injury-Resistance and Exercise Performance: OPTIMAL PREP. <i>Journal of Science in Sport and Exercise</i> , <b>2021</b> , 3, 17-36	1	6
14	Can We Capitalize on Central Nervous System Plasticity in Young Athletes to Inoculate Against Injury?. <i>Journal of Science in Sport and Exercise</i> , <b>2020</b> , 2, 305-318	1	5

13	Differentiating Successful and Unsuccessful Single-Leg Drop Landing Performance Using Uncontrolled Manifold Analysis. <i>Motor Control</i> , <b>2020</b> , 24, 75-90	1.3	4
12	Youth With Concussion Have Less Adaptable Gait Patterns Than Their Uninjured Peers: Implications for Concussion Management. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2020</b> , 50, 438-446	4.2	4
11	Integrated linear and nonlinear trunk dynamics identify residual concussion deficits. <i>Neuroscience Letters</i> , <b>2020</b> , 729, 134975	3.3	4
10	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> , <b>2021</b> , 99, 423-445	4.4	4
9	Does central nervous system dysfunction underlie patellofemoral pain in young females? Examining brain functional connectivity in association with patient-reported outcomes. <i>Journal of Orthopaedic Research</i> , <b>2021</b> ,	3.8	4
8	Graphical interface for automated management of motion artifact within fMRI acquisitions: INFOBAR. <i>SoftwareX</i> , <b>2020</b> , 12,	2.7	3
7	VALIDITY OF AN MRI-COMPATIBLE MOTION CAPTURE SYSTEM FOR USE WITH LOWER EXTREMITY NEUROIMAGING PARADIGMS. <i>International Journal of Sports Physical Therapy</i> , <b>2020</b> , 15, 936-946	1.4	3
6	For humans navigating without vision, navigation depends upon the layout of mechanically contacted ground surfaces. <i>Experimental Brain Research</i> , <b>2020</b> , 238, 917-930	2.3	2
5	Postural control development from late childhood through young adulthood. <i>Gait and Posture</i> , <b>2021</b> , 86, 169-173	2.6	2
4	Genetic Fuzzy Methodology to Predict Time to Return to Play from Sports-Related Concussion. <i>Lecture Notes in Networks and Systems</i> , <b>2022</b> , 380-390	0.5	1
3	Integrated 3D motion analysis with functional magnetic resonance neuroimaging to identify neural correlates of lower extremity movement. <i>Journal of Neuroscience Methods</i> , <b>2021</b> , 355, 109108	3	1
2	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> , <b>2021</b> , 49, 2863-2874	4.7	1
1	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> , <b>2021</b> , 38, 2811-2821	5.4	0