

Publications:

1. [Characterizing symptoms of traumatic brain injury in survivors of intimate partner violence.](#)
Smirl JD, Jones KE, Copeland P, Khatra O, Taylor EH, Van Donkelaar P.
Brain Inj. 2019;33(12):1529-1538. doi: 10.1080/02699052.2019.1658129. Epub 2019 Aug 23. <https://www.ncbi.nlm.nih.gov/pubmed/31442093>
2. [Letter to the Editor: On the need of considering cardiorespiratory fitness when examining the influence of sex on dynamic cerebral autoregulation.](#)
Labrecque L, **Smirl JD**, Brassard P.
Am J Physiol Heart Circ Physiol. 2019 May 1;316(5):H1229. doi: 10.1152/ajpheart.00152.2019. No abstract available.
<https://www.ncbi.nlm.nih.gov/pubmed/31070459>
3. [Attention Is Required to Coordinate Reaching and Postural Stability during Upper Limb Movements Generated While Standing.](#)
Dierijck J, Kennefick M, **Smirl J**, Dalton BH, van Donkelaar P.
J Mot Behav. 2019 Mar 27:1-10. doi: 10.1080/00222895.2019.1587351. [Epub ahead of print] <https://www.ncbi.nlm.nih.gov/pubmed/30915916>
4. [Dynamic cerebral autoregulation is attenuated in young fit women.](#)
Labrecque L, Rahimaly K, Imhoff S, Paquette M, Le Blanc C, Valenfant S, Drapeau A, **Smirl**

<https://www.ncbi.nlm.nih.gov/pubmed/30626361>

6. [Cerebral Autoregulation Is Disrupted Following a Season of Contact Sports Participation.](#)
Wright AD, **Smirl JD**, Bryk K, Fraser S, Jakovac M, van Donkelaar P.
Front Neurol. 2018 Oct 22;9:868. doi: 10.3389/fneur.2018.00868. eCollection 2018.

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10. [Anticipatory postural adjustments as a function of response complexity in simple reaction time tasks.](#)
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Neurosci Lett. 2018 Sep 25;684:1-5. doi: 10.1016/j.neulet.2018.06.058. Epub 2018 Jun 30.
<https://www.ncbi.nlm.nih.gov/pubmed/29969650>
11. [A History of Concussion Does Not Lead to an Increase in Ocular Near Point of Convergence.](#)
van Donkelaar P, Dierijck J, Wright A, **Smirl J**.
Int J Sports Med. 2018 Sep;39(9):682-687. doi: 10.1055/s-0044-101454. Epub 2018 Jun 21.
<https://www.ncbi.nlm.nih.gov/pubmed/29929203>
12. [Sport-Related Concussion Alters Indices of Dynamic Cerebral Autoregulation.](#)
Wright AD, **Smirl JD**, Bryk K, Fraser S, Jakovac M, van Donkelaar P.
Front Neurol. 2018 Mar 27;9:196. doi: 10.3389/fneur.2018.00196. eCollection 2018.
<https://www.ncbi.nlm.nih.gov/pubmed/29636724>
13. [Sub-concussive trauma, acute concussion, and history of multiple concussions: Effects on quiet stance postural control stability.](#)
Dierijck JK, Wright AD, **Smirl JD**, Bryk K, van Donkelaar P.
Int J Psychophysiol. 2018 Oct;132(Pt A):74-80. doi: 10.1016/j.ijpsycho.2018.03.005. Epub 2018 Mar 8. <https://www.ncbi.nlm.nih.gov/pubmed/29526776>
14. [Systolic and Diastolic Regulation of the Cerebral Pressure-Flow Relationship Differentially Affected by Acute Sport-Related Concussion.](#)
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[https://73-2.9\(w\)-2.9\(w\)-2.9\(.\)-1.1\(nc\)-8\(b\)-12.3\(i\)3.1\(.\)-1.1\(n\)-12.3296m.nih.gov/pubmed/29492579](https://73-2.9(w)-2.9(w)-2.9(.)-1.1(nc)-8(b)-12.3(i)3.1(.)-1.1(n)-12.3296m.nih.gov/pubmed/29492579)
15. Differential Syks-20.1 (e)-1.1 (ol)-8.9 (i)3.1 (c)-8 (Ra (i)3.1 (d (>>BDC Bd /P <</M</MCIDscn 95a scn 9.96

28. [Regional cerebral blood flow distribution during exercise: influence of oxygen.](#)
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Respir Physiol Neurobiol. 2012 Oct 15;184(1):97-105. doi: 10.1016/j.resp.2012.07.014. Epub 2012 Aug 16. <https://www.ncbi.nlm.nih.gov/pubmed/22926137>
29. [Impaired cerebral haemodynamic function associated with chronic traumatic brain injury in professional boxers.](#)
Bailey DM, Jones DW, Sinnott A, Brugniaux JV, New KJ, Hodson D, Marley CJ, **Smirl JD**, Ogoh S, Ainslie PN.
Clin Sci (Lond). 2013 Feb;124(3):177-89. doi: 10.1042/CS20120259.
<https://www.ncbi.nlm.nih.gov/pubmed/22913765>
30. [Influence of posture on the regulation of cerebral perfusion.](#)
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31. [Assessment of cerebral autoregulation: the quandary of quantification.](#)
Tzeng YC, Ainslie PN, Cooke WH, Peebles KC, Willie CK, MacRae BA, **Smirl JD**, Horsman HM, Rickards CA.