Dave Ellemberg

List of Publications by Year
in descending order

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49 papers	3,252 citations	172457 29 h-index	206112 48 g-index
49 all docs	49 docs citations	49 times ranked	2843 citing authors

#	Article	IF	Citations
1	Brain function decline in healthy retired athletes who sustained their last sports concussion in early adulthood. Brain, 2009, 132, 695-708.	7.6	368
2	Acute and Chronic Changes in Diffusivity Measures after Sports Concussion. Journal of Neurotrauma, 2011, 28, 2049-2059.	3.4	238
3	Development of spatial and temporal vision during childhood. Vision Research, 1999, 39, 2325-2333.	1.4	218
4	Better perception of global motion after monocular than after binocular deprivation. Vision Research, 2002, 42, 169-179.	1.4	186
5	Neurometabolic Changes in the Acute Phase after Sports Concussions Correlate with Symptom Severity. Journal of Neurotrauma, 2010, 27, 65-76.	3.4	183
6	Neuropsychological and neurophysiological assessment of sport concussion in children, adolescents and adults. Brain Injury, 2012, 26, 211-220.	1.2	174
7	Lateral interactions in peripherally viewed texture arrays. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1997, 14, 2057.	1.5	155
8	Metabolic changes in concussed American football players during the acute and chronic post-injury phases. BMC Neurology, 2011, 11, 105.	1.8	130
9	Advances in Sport Concussion Assessment: From Behavioral to Brain Imaging Measures. Journal of Neurotrauma, 2009, 26, 2365-2382.	3.4	129
10	The effect of acute physical exercise on cognitive function during development. Psychology of Sport and Exercise, 2010, 11, 122-126.	2.1	126
11	Sensitivity to global form in glass patterns after early visual deprivation in humans. Vision Research, 2002, 42, 939-948.	1.4	121
12	Spatial and temporal vision in patients treated for bilateral congenital cataracts. Vision Research, 1999, 39, 3480-3489.	1.4	120
13	Persisting Effects of Concussion on Heart Rate Variability during Physical Exertion. Journal of Neurotrauma, 2016, 33, 811-817.	3.4	89
14	Prolonged Neuropsychological Impairments Following a First Concussion in Female University Soccer Athletes. Clinical Journal of Sport Medicine, 2007, 17, 369-374.	1.8	82
15	Contrast dependency of VEPs as a function of spatial frequency: the parvocellular and magnocellular contributions to human VEPs. Spatial Vision, 2001, 15, 99-111.	1.4	68
16	The independent influence of concussive and sub-concussive impacts on soccer players' neurophysiological and neuropsychological function. International Journal of Psychophysiology, 2017, 112, 22-30.	1.0	64
17	A Window on the Normal Development of Sensitivity to Global Form in Glass Patterns. Perception, 2004, 33, 409-418.	1.2	55
18	Influence of monocular deprivation during infancy on the later development of spatial and temporal vision. Vision Research, 2000, 40, 3283-3295.	1.4	49

#	Article	IF	Citations
19	Auditory Processing After Sport-Related Concussions. Ear and Hearing, 2011, 32, 667-670.	2.1	47
20	Orientation discrimination in 5-year-olds and adults tested with luminance-modulated and contrast-modulated gratings. Journal of Vision, 2007, 7, 9-9.	0.3	45
21	Exercise during pregnancy enhances cerebral maturation in the newborn: A randomized controlled trial. Journal of Clinical and Experimental Neuropsychology, 2017, 39, 347-354.	1.3	45
22	The persistent influence of concussion on attention, executive control and neuroelectric function in preadolescent children. International Journal of Psychophysiology, 2016, 99, 85-95.	1.0	41
23	Comparison of sensitivity to first- and second-order local motion in 5-year-olds and adults. Spatial Vision, 2003, 16, 419-428.	1.4	40
24	Sensitivity to First- and Second-Order Drifting Gratings in 3-Month-Old Infants. I-Perception, 2011, 2, 440-457.	1.4	37
25	From spatial frequency contrast to edge preponderance: the differential modulation of early visual evoked potentials by natural scene stimuli. Visual Neuroscience, 2011, 28, 221-237.	1.0	37
26	Different spatial frequency bands selectively signal for natural image statistics in the early visual system. Journal of Neurophysiology, 2012, 108, 2160-2172.	1.8	34
27	Investigating local network interactions underlying first- and second-order processing. Vision Research, 2004, 44, 1787-1797.	1.4	33
28	Long-term cognitive outcomes in male and female athletes following sport-related concussions. International Journal of Psychophysiology, 2018, 132, 3-8.	1.0	31
29	Second-order spatial frequency and orientation channels in human vision. Vision Research, 2006, 46, 2798-2803.	1.4	30
30	Neurophysiological assessment prior to and following sports-related concussion during childhood: A case study. Neurocase, 2008, 14, 239-248.	0.6	30
31	The developing visual system is not optimally sensitive to the spatial statistics of natural images. Vision Research, 2012, 67, 1-7.	1.4	28
32	Neurophysiological correlates of persistent psycho-affective alterations in athletes with a history of concussion. Brain Imaging and Behavior, 2016, 10, 1108-1116.	2.1	27
33	Sensitivity to sounds in sport-related concussed athletes: a new clinical presentation of hyperacusis. Scientific Reports, 2018, 8, 9921.	3.3	25
34	Repeated measurements of contrast sensitivity reveal limits to visual plasticity after early binocular deprivation in humans. Neuropsychologia, 2006, 44, 2104-2112.	1.6	24
35	Lateral interactions in amblyopia. Vision Research, 2002, 42, 2471-2478.	1.4	23
36	The long-term outcomes of sport-related concussion in pediatric populations. International Journal of Psychophysiology, 2018, 132, 14-24.	1.0	23

#	Article	IF	Citations
37	Sensitivity of the Cogstate Test Battery for Detecting Prolonged Cognitive Alterations Stemming From Sport-Related Concussions. Clinical Journal of Sport Medicine, 2019, 29, 62-68.	1.8	19
38	Apparent contrast and spatial frequency of local texture elements. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1998, 15, 1733.	1.5	17
39	On the Differentiation of Foveal and Peripheral Early Visual Evoked Potentials. Brain Topography, 2016, 29, 506-514.	1.8	17
40	The effects of exercise during pregnancy on the newbornâ€™s brain: study protocol for a randomized controlled trial. Trials, 2012, 13, 68.	1.6	10
41	Jog Your Mind: methodology and challenges of conducting evaluative research in partnership with community organizations. International Psychogeriatrics, 2015, 27, 79-94.	1.0	7
42	Psychometric properties of a color-shape version of the switch task. Applied Neuropsychology Adult, 2022, 29, 1020-1029.	1.2	6
43	Attitudes and lifestyle changes following Jog your Mind: results from a multi-factorial community-based program promoting cognitive vitality among seniors. Health Education Research, 2017, 32, 184-196.	1.9	5
44	Cognitive Testing and Exercise to Assess the Readiness to Return to Play After a Concussion. Translational Journal of the American College of Sports Medicine, 2020, 5, 1-9.	0.6	5
45	Practice effect associated with the serial administration of the switch task and its implications in the assessment of sports-related concussion. Journal of Clinical and Experimental Neuropsychology, 2020, 42, 965-973.	1.3	4
46	Post-exercise cognitive testing to assess persisting alterations in athletes with a history of concussion. Brain Injury, 2021, 35, 978-985.	1.2	4
47	Long-Term Cognitive Impairments of Sports Concussions in College-Aged Athletes: A Meta-Analysis. Translational Journal of the American College of Sports Medicine, 2022, 7, .	0.6	2
48	Long-term outcomes of sport-related brain injuries: A psychophysiological perspective. International Journal of Psychophysiology, 2018, 132, 1-2.	1.0	1
49	Congenital Deafness Leads to Altered Overt Oculomotor Behaviors. Frontiers in Neuroscience, 2020, 14, 273.	2.8	0