

# Christine Macdonald

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

1,099  
citations

516710

16  
h-index

434195

31  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1894  
citing authors

#	ARTICLE	IF	CITATIONS
1	Risk of Posttraumatic Stress Disorder and Major Depression in Civilian Patients After Mild Traumatic Brain Injury. <i>JAMA Psychiatry</i> , 2019, 76, 249.	11.0	170
2	Early Clinical Predictors of 5-Year Outcome After Concussive Blast Traumatic Brain Injury. <i>JAMA Neurology</i> , 2017, 74, 821.	9.0	117
3	Toward Precision and Reproducibility of Diffusion Tensor Imaging: A Multicenter Diffusion Phantom and Traveling Volunteer Study. <i>American Journal of Neuroradiology</i> , 2017, 38, 537-545.	2.4	109
4	The evolution of white matter microstructural changes after mild traumatic brain injury: A longitudinal DTI and NODDI study. <i>Science Advances</i> , 2020, 6, eaaz6892.	10.3	106
5	Prospectively Assessed Clinical Outcomes in Concussive Blast vs Nonblast Traumatic Brain Injury Among Evacuated US Military Personnel. <i>JAMA Neurology</i> , 2014, 71, 994.	9.0	105
6	5-Year imaging sequelae of concussive blast injury and relation to early clinical outcome. <i>NeuroImage: Clinical</i> , 2017, 14, 371-378.	2.7	51
7	Acute post-traumatic stress symptoms and age predict outcome in military blast concussion. <i>Brain</i> , 2015, 138, 1314-1326.	7.6	49
8	The Traumatic Brain Injury Endpoints Development (TED) Initiative: Progress on a Public-Private Regulatory Collaboration To Accelerate Diagnosis and Treatment of Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 2721-2730.	3.4	48
9	Quantitative assessments of traumatic axonal injury in human brain: concordance of microdialysis and advanced MRI. <i>Brain</i> , 2015, 138, 2263-2277.	7.6	45
10	Prevalence of Abnormal Magnetic Resonance Imaging Findings in Children with Persistent Symptoms after Pediatric Sports-Related Concussion. <i>Journal of Neurotrauma</i> , 2017, 34, 2706-2712.	3.4	33
11	Multimodal Characterization of the Late Effects of Traumatic Brain Injury: A Methodological Overview of the Late Effects of Traumatic Brain Injury Project. <i>Journal of Neurotrauma</i> , 2018, 35, 1604-1619.	3.4	32
12	Longitudinal cerebellar diffusion tensor imaging changes in posterior fossa syndrome. <i>NeuroImage: Clinical</i> , 2016, 12, 582-590.	2.7	31
13	Association Between 5-Year Clinical Outcome in Patients With Nonmedically Evacuated Mild Blast Traumatic Brain Injury and Clinical Measures Collected Within 7 Days Postinjury in Combat. <i>JAMA Network Open</i> , 2019, 2, e186676.	5.9	26
14	Diffusion Tensor Imaging Reveals Elevated Diffusivity of White Matter Microstructure that Is Independently Associated with Long-Term Outcome after Mild Traumatic Brain Injury: A TRACK-TBI Study. <i>Journal of Neurotrauma</i> , 2022, 39, 1318-1328.	3.4	23
15	Longitudinal Clinical and Neuroimaging Evaluation of Symptomatic Concussion in 10- to 14-Year-Old Youth Athletes. <i>Journal of Neurotrauma</i> , 2019, 36, 264-274.	3.4	20
16	Longitudinal neuroimaging following combat concussion: sub-acute, 1 year and 5 years post-injury. <i>Brain Communications</i> , 2019, 1, fcz031.	3.3	19
17	Optimizing the accuracy of cortical volumetric analysis in traumatic brain injury. <i>MethodsX</i> , 2020, 7, 100994.	1.6	18
18	First confirmed case of chronic traumatic encephalopathy in a professional bull rider. <i>Acta Neuropathologica</i> , 2018, 135, 303-305.	7.7	17

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19	Differential patterns of gray matter volumes and associated gene expression profiles in cognitively-defined Alzheimer's disease subgroups. <i>NeuroImage: Clinical</i> , 2021, 30, 102660.	2.7	13
20	Common Data Elements for COVID-19 Neuroimaging: A GCS-NeuroCOVID Proposal. <i>Neurocritical Care</i> , 2021, 34, 365-370.	2.4	9
21	Tractography-Pathology Correlations in Traumatic Brain Injury: A TRACK-TBI Study. <i>Journal of Neurotrauma</i> , 2021, 38, 1620-1631.	3.4	9
22	Differential trajectories of hypometabolism across cognitively-defined Alzheimer's disease subgroups. <i>NeuroImage: Clinical</i> , 2021, 31, 102725.	2.7	9
23	Comparison of Clinical Outcomes 1 and 5 Years Post-Injury Following Combat Concussion. <i>Neurology</i> , 2021, 96, e387-e398.	1.1	8
24	Smaller Regional Brain Volumes Predict Posttraumatic Stress Disorder at 3 Months After Mild Traumatic Brain Injury. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 352-359.	1.5	8
25	Quantitative Volumetric Imaging and Clinical Outcome Characterization of Symptomatic Concussion in 10- to 14-Year-Old Adolescent Athletes. <i>Journal of Head Trauma Rehabilitation</i> , 2018, 33, E1-E10.	1.7	7
26	Re-examining decompressive craniectomy medial margin distance from midline as a metric for calculating the risk of post-traumatic hydrocephalus. <i>Journal of Clinical Neuroscience</i> , 2021, 87, 125-131.	1.5	4
27	Prognostic Value of Hemorrhagic Brainstem Injury on Early Computed Tomography: A TRACK-TBI Study. <i>Neurocritical Care</i> , 2021, 35, 335-346.	2.4	4
28	Global Disability Trajectories Over the First Decade Following Combat Concussion. <i>Journal of Head Trauma Rehabilitation</i> , 2022, 37, 63-70.	1.7	3
29	Acute Postoperative Seizures and Engel Class Outcome at 1 Year Postselective Laser Amygdalohippocampal Ablation for Mesial Temporal Lobe Epilepsy. <i>Neurosurgery</i> , 2022, 91, 347-354.	1.1	3
30	Interrater Reliability of National Institutes of Health Traumatic Brain Injury Imaging Common Data Elements for Brain Magnetic Resonance Imaging in Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2021, 38, 2831-2840.	3.4	2
31	Mild Traumatic Brain Injury and Mental Health—Reply. <i>JAMA Neurology</i> , 2017, 74, 1378.	9.0	0