Derek Beaton

List of Publications by Year
in descending order

23	1,136	840776	713466
papers	citations	11	21
		h-index	g-index

31	31	31	2348
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics of the Ontario Neurodegenerative Disease Research Initiative cohort. Alzheimer's and Dementia, 2023, 19, 226-243.	0.8	15
2	Feasibility of a continuous, multi-sensor remote health monitoring approach in persons living with neurodegenerative disease. Journal of Neurology, 2022, 269, 2673-2686.	3.6	17
3	Common Data Elements to Facilitate Sharing and Re-use of Participant-Level Data: Assessment of Psychiatric Comorbidity Across Brain Disorders. Frontiers in Psychiatry, 2022, 13, 816465.	2.6	3
4	Caregiving concerns and clinical characteristics across neurodegenerative and cerebrovascular disorders in the Ontario neurodegenerative disease research initiative. International Journal of Geriatric Psychiatry, 2022, 37, .	2.7	3
5	The Quality Assurance and Quality Control Protocol for Neuropsychological Data Collection and Curation in the Ontario Neurodegenerative Disease Research Initiative (ONDRI) Study. Assessment, 2021, 28, 1267-1286.	3.1	15
6	MRI-visible perivascular space volumes, sleep duration and daytime dysfunction in adults with cerebrovascular disease. Sleep Medicine, 2021, 83, 83-88.	1.6	11
7	Magnetic Resonance Imaging Sequence Identification Using a Metadata Learning Approach. Frontiers in Neuroinformatics, 2021, 15, 622951.	2.5	2
8	Powerful visualization of product-attribute associations for temporal data. Food Quality and Preference, 2020, 79, 103572.	4.6	2
9	Ontario Neurodegenerative Disease Research Initiative (ONDRI): Structural MRI Methods and Outcome Measures. Frontiers in Neurology, 2020, 11, 847.	2.4	23
10	Cortical Thickness Estimation in Individuals With Cerebral Small Vessel Disease, Focal Atrophy, and Chronic Stroke Lesions. Frontiers in Neuroscience, 2020, 14, 598868.	2.8	18
11	Variability in the analysis of a single neuroimaging dataset by many teams. Nature, 2020, 582, 84-88.	27.8	634
12	Methods for Improving Screening for Vascular Cognitive Impairment Using the Montreal Cognitive Assessment. Canadian Journal of Neurological Sciences, 2020, 47, 756-763.	0.5	5
13	Parkinson's Disease, <scp><i>NOTCH3</i></scp> Genetic Variants, and White Matter Hyperintensities. Movement Disorders, 2020, 35, 2090-2095.	3.9	18
14	A constrained singular value decomposition method that integrates sparsity and orthogonality. PLoS ONE, 2019, 14, e0211463.	2.5	13
15	The utility of multivariate outlier detection techniques for data quality evaluation in large studies: an application within the ONDRI project. BMC Medical Research Methodology, 2019, 19, 102.	3.1	50
16	Semantically defined subdomains of functional neuroimaging literature and their corresponding brain regions. Human Brain Mapping, 2018, 39, 2764-2776.	3.6	33
17	Partial least squares correspondence analysis: A framework to simultaneously analyze behavioral and genetic data.. Psychological Methods, 2016, 21, 621-651.	3.5	23
18	An ExPosition of multivariate analysis with the singular value decomposition in R. Computational Statistics and Data Analysis, 2014, 72, 176-189.	1.2	99

#	ARTICLE	IF	CITATIONS
19	Differences in Human Cortical Gene Expression Match the Temporal Properties of Large-Scale Functional Networks. PLoS ONE, 2014, 9, e115913.	2.5	62
20	Qualitatively distinct factors contribute to elevated rates of paranoia in autism and schizophrenia.. Journal of Abnormal Psychology, 2012, 121, 767-777.	1.9	20
21	TurSOM: A paradigm bridging Turing's unorganized machines and self-organizing maps demonstrating dual self-organization. Neurocomputing, 2011, 74, 3125-3141.	5.9	0
22	Fractal initialization for high-quality mapping with self-organizing maps. Neural Computing and Applications, 2010, 19, 953-966.	5.6	11
23	CQoCO: A measure for comparative quality of coverage and organization for self-organizing maps. Neurocomputing, 2010, 73, 2147-2159.	5.9	27