

# Robert J Dawe

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

1,442  
citations

471061

17  
h-index

360668

35  
g-index

44  
all docs

44  
docs citations

44  
times ranked

2391  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Hippocampal Neurogenesis Persists in Aged Adults and Alzheimer's Disease Patients. <i>Cell Stem Cell</i> , 2019, 24, 974-982.e3.	5.2	389
2	Postmortem MRI of human brain hemispheres: $T_2$ relaxation times during formaldehyde fixation. <i>Magnetic Resonance in Medicine</i> , 2009, 61, 810-818.	1.9	134
3	To what degree is late life cognitive decline driven by age-related neuropathologies?. <i>Brain</i> , 2021, 144, 2166-2175.	3.7	91
4	Neuropathologic Correlates of Hippocampal Atrophy in the Elderly: A Clinical, Pathologic, Postmortem MRI Study. <i>PLoS ONE</i> , 2011, 6, e26286.	1.1	89
5	Identification of genes associated with dissociation of cognitive performance and neuropathological burden: Multistep analysis of genetic, epigenetic, and transcriptional data. <i>PLoS Medicine</i> , 2017, 14, e1002287.	3.9	88
6	Physical activity, common brain pathologies, and cognition in community-dwelling older adults. <i>Neurology</i> , 2019, 92, e811-e822.	1.5	61
7	Late-life cognitive decline is associated with hippocampal volume, above and beyond its associations with traditional neuropathologic indices. <i>Alzheimer's and Dementia</i> , 2020, 16, 209-218.	0.4	40
8	Ex Vivo $T_2$ relaxation: associations with age-related neuropathology and cognition. <i>Neurobiology of Aging</i> , 2014, 35, 1549-1561.	1.5	38
9	Neuropathologic correlates of regional brain volumes in a community cohort of older adults. <i>Neurobiology of Aging</i> , 2015, 36, 2798-2805.	1.5	38
10	Associations between Quantitative Mobility Measures Derived from Components of Conventional Mobility Testing and Parkinsonian Gait in Older Adults. <i>PLoS ONE</i> , 2014, 9, e86262.	1.1	36
11	Automated 3-Dimensional Magnetic Resonance Imaging Allows for Accurate Evaluation of Glenoid Bone Loss Compared With 3-Dimensional Computed Tomography. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2019, 35, 734-740.	1.3	36
12	Contribution of TDP and hippocampal sclerosis to hippocampal volume loss in older-old persons. <i>Neurology</i> , 2020, 94, e142-e152.	1.5	35
13	Association Between Quantitative Gait and Balance Measures and Total Daily Physical Activity in Community-Dwelling Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 636-642.	1.7	33
14	Inferring protein expression changes from mRNA in Alzheimer's dementia using deep neural networks. <i>Nature Communications</i> , 2022, 13, 655.	5.8	29
15	Brain pathology is related to total daily physical activity in older adults. <i>Neurology</i> , 2018, 90, e1911-e1919.	1.5	25
16	Postmortem MRI: a novel window into the neurobiology of late life cognitive decline. <i>Neurobiology of Aging</i> , 2016, 45, 169-177.	1.5	24
17	Gene expression and DNA methylation are extensively coordinated with MRI-based brain microstructural characteristics. <i>Brain Imaging and Behavior</i> , 2019, 13, 963-972.	1.1	24
18	Association Between Brain Gene Expression, DNA Methylation, and Alteration of Ex Vivo Magnetic Resonance Imaging Transverse Relaxation in Late-Life Cognitive Decline. <i>JAMA Neurology</i> , 2017, 74, 1473.	4.5	21

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19	Quantitative mobility metrics from a wearable sensor predict incident parkinsonism in older adults. <i>Parkinsonism and Related Disorders</i> , 2019, 65, 190-196.	1.1	21
20	1.5â€T magnetic resonance imaging generates accurate 3D proximal femoral models: Surgical planning implications for femoroacetabular impingement. <i>Journal of Orthopaedic Research</i> , 2020, 38, 2050-2056.	1.2	18
21	The Influence of Diffusion Weighted Imaging Lesions on Outcomes in Patients with Acute Spontaneous Intracerebral Hemorrhage. <i>Neurocritical Care</i> , 2020, 33, 552-564.	1.2	15
22	Post-mortem brain pathology is related to declining respiratory function in community-dwelling older adults. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 197.	1.7	14
23	Expanding instrumented gait testing in the community setting: A portable, depth-sensing camera captures joint motion in older adults. <i>PLoS ONE</i> , 2019, 14, e0215995.	1.1	13
24	Total Daily Physical Activity and the Risk of Parkinsonism in Community-Dwelling Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 702-711.	1.7	13
25	What happens before the first step? A New Approach to Quantifying Gait Initiation Using a Wearable Sensor. <i>Gait and Posture</i> , 2020, 76, 128-135.	0.6	13
26	Motor function is the primary driver of the associations of sarcopenia and physical frailty with adverse health outcomes in community-dwelling older adults. <i>PLoS ONE</i> , 2021, 16, e0245680.	1.1	13
27	Quantitative mobility measures complement the MDS-UPDRS for characterization of Parkinson's disease heterogeneity. <i>Parkinsonism and Related Disorders</i> , 2021, 84, 105-111.	1.1	13
28	Ex-vivo quantitative susceptibility mapping of human brain hemispheres. <i>PLoS ONE</i> , 2017, 12, e0188395.	1.1	13
29	Ex vivo MRI transverse relaxation in community based older persons with and without Alzheimerâ€™s dementia. <i>Behavioural Brain Research</i> , 2017, 322, 233-240.	1.2	12
30	Postmortem brain MRI is related to cognitive decline, independent of cerebral vessel disease in older adults. <i>Neurobiology of Aging</i> , 2018, 69, 177-184.	1.5	12
31	Microstructural changes in the brain mediate the association of AK4, IGFBP5, HSPB2, and ITPK1 with cognitive decline. <i>Neurobiology of Aging</i> , 2019, 84, 17-25.	1.5	11
32	Total daily physical activity, brain pathologies, and parkinsonism in older adults. <i>PLoS ONE</i> , 2020, 15, e0232404.	1.1	8
33	The â€œcognitive clockâ€: A novel indicator of brain health. <i>Alzheimer's and Dementia</i> , 2021, 17, 1923-1937.	0.4	6
34	Physical activity, brain tissue microstructure, and cognition in older adults. <i>PLoS ONE</i> , 2021, 16, e0253484.	1.1	5
35	Parametric subtracted postâ€ictal diffusion tensor imaging for guiding direct neurostimulation therapy. <i>Hippocampus</i> , 2019, 29, 468-478.	0.9	4
36	Incomplete Circle of Willis: A risk factor for mesial temporal sclerosis?. <i>Epilepsy Research</i> , 2017, 132, 29-33.	0.8	3

#	ARTICLE	IF	CITATIONS
37	Unusual Cause of Sphenoidal Sinus Mass: Extramedullary Plasmacytoma. Canadian Journal of Neurological Sciences, 2017, 44, 324-325.	0.3	2
38	Automatic Quantification of Tandem Walking Using a Wearable Device: New Insights Into Dynamic Balance and Mobility in Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 101-107.	1.7	2
39	[P3â€“322]: MAGNETIC SUSCEPTIBILITY OF HUMAN BRAIN HEMISPHERES MEASURED POSTMORTEM. Alzheimer's and Dementia, 2017, 13, P1072.	0.4	0
40	P2â€“474: MAGNETIC SUSCEPTIBILITY OF THE HUMAN BRAIN IS ASSOCIATED WITH AGEâ€“RELATED NEUROPATHOLOGY. Alzheimer's and Dementia, 2018, 14, P904.	0.4	0
41	Total daily physical activity, brain pathologies, and parkinsonism in older adults. , 2020, 15, e0232404.		0
42	Total daily physical activity, brain pathologies, and parkinsonism in older adults. , 2020, 15, e0232404.		0
43	Total daily physical activity, brain pathologies, and parkinsonism in older adults. , 2020, 15, e0232404.		0
44	Total daily physical activity, brain pathologies, and parkinsonism in older adults. , 2020, 15, e0232404.		0