

Derek B Archer

List of Publications by Citations

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Version: 2024-04-10

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26 papers	515 citations	13 h-index	22 g-index
29 ext. papers	737 ext. citations	5.8 avg, IF	3.99 L-index

#	Paper	IF	Citations
26	Progression marker of Parkinson's disease: a 4-year multi-site imaging study. <i>Brain</i> , 2017 , 140, 2183-2192	11.2	80
25	A Template and Probabilistic Atlas of the Human Sensorimotor Tracts using Diffusion MRI. <i>Cerebral Cortex</i> , 2018 , 28, 1685-1699	5.1	61
24	A widespread visually-sensitive functional network relates to symptoms in essential tremor. <i>Brain</i> , 2018 , 141, 472-485	11.2	40
23	Automated classification of pain perception using high-density electroencephalography data. <i>Journal of Neurophysiology</i> , 2017 , 117, 786-795	3.2	38
22	Network-level connectivity is a critical feature distinguishing dystonic tremor and essential tremor. <i>Brain</i> , 2019 , 142, 1644-1659	11.2	38
21	Tibial loading after UKA: evaluation of tibial slope, resection depth, medial shift and component rotation. <i>Journal of Arthroplasty</i> , 2013 , 28, 179-83	4.4	36
20	Neurite orientation dispersion and density imaging (NODDI) and free-water imaging in Parkinsonism. <i>Human Brain Mapping</i> , 2019 , 40, 5094-5107	5.9	30
19	Development and Validation of the Automated Imaging Differentiation in Parkinsonism (AID-P): A Multi-Site Machine Learning Study. <i>The Lancet Digital Health</i> , 2019 , 1, e222-e231	14.4	27
18	Multimodal dopaminergic and free-water imaging in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2019 , 62, 10-15	3.6	24
17	The effect of rotating platform TKA on strain distribution and torque transmission on the proximal tibia. <i>Journal of Arthroplasty</i> , 2014 , 29, 541-7	4.4	22
16	Visual feedback alters force control and functional activity in the visuomotor network after stroke. <i>NeuroImage: Clinical</i> , 2018 , 17, 505-517	5.3	21
15	Effects of a force production task and a working memory task on pain perception. <i>Journal of Pain</i> , 2013 , 14, 1492-501	5.2	13
14	Dose-response effect of isometric force production on the perception of pain. <i>PLoS ONE</i> , 2014 , 9, e88105	5.7	13
13	Cortical dynamics within and between parietal and motor cortex in essential tremor. <i>Movement Disorders</i> , 2019 , 34, 95-104	7	11
12	Microstructural properties of premotor pathways predict visuomotor performance in chronic stroke. <i>Human Brain Mapping</i> , 2016 , 37, 2039-54	5.9	10
11	Development of a transcallosal tractography template and its application to dementia. <i>NeuroImage</i> , 2019 , 200, 302-312	7.9	10
10	Motor-Evoked Pain Increases Force Variability in Chronic Jaw Pain. <i>Journal of Pain</i> , 2018 , 19, 636-648	5.2	9

9	Free-water and free-water corrected fractional anisotropy in primary and premotor corticospinal tracts in chronic stroke. <i>Human Brain Mapping</i> , 2017 , 38, 4546-4562	5.9	8
8	Magnetic Resonance Imaging and Neurofilament Light in the Differentiation of Parkinsonism. <i>Movement Disorders</i> , 2020 , 35, 1388-1395	7	8
7	Smile without euphoria induced by deep brain stimulation: a case report. <i>Neurocase</i> , 2015 , 21, 674-8	0.8	6
6	Free-water metrics in medial temporal lobe white matter tract projections relate to longitudinal cognitive decline. <i>Neurobiology of Aging</i> , 2020 , 94, 15-23	5.6	6
5	Reply: Visually-sensitive networks in essential tremor: evidence from structural and functional imaging. <i>Brain</i> , 2018 , 141, e48	11.2	3
4	Reply: Thalamotomy for tremor normalizes aberrant pre-therapeutic visual cortex functional connectivity. <i>Brain</i> , 2019 , 142, e58	11.2	1
3	The relationship between white matter microstructure and self-perceived cognitive decline. <i>NeuroImage: Clinical</i> , 2021 , 32, 102794	5.3	0
2	Advanced diffusion imaging to track progression in Parkinson's disease, multiple system atrophy, and progressive supranuclear palsy.. <i>NeuroImage: Clinical</i> , 2022 , 34, 103022	5.3	0
1	Multimodal genome-wide meta-analysis of brain amyloidosis reveals heterogeneity across CSF, PET, and pathological amyloid measures. <i>Alzheimer's and Dementia</i> , 2020 , 16, e046009	1.2	