

# Arturo Cardenas-Blanco

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

2,176  
citations

430874

18  
h-index

526287

27  
g-index

30  
all docs

30  
docs citations

30  
times ranked

3217  
citing authors

#	ARTICLE	IF	CITATIONS
1	In Vivo Quantitative Susceptibility Mapping (QSM) in Alzheimer's Disease. PLoS ONE, 2013, 8, e81093.	2.5	235
2	Locus coeruleus imaging as a biomarker for noradrenergic dysfunction in neurodegenerative diseases. Brain, 2019, 142, 2558-2571.	7.6	219
3	<i>In Vivo</i> MRI Mapping of Brain Iron Deposition across the Adult Lifespan. Journal of Neuroscience, 2016, 36, 364-374.	3.6	217
4	Strong Evidence for Pattern Separation in Human Dentate Gyrus. Journal of Neuroscience, 2016, 36, 7569-7579.	3.6	195
5	The whole-brain pattern of magnetic susceptibility perturbations in Parkinson's disease. Brain, 2017, 140, 118-131.	7.6	154
6	The pattern of amyloid accumulation in the brains of adults with Down syndrome. Alzheimer's and Dementia, 2016, 12, 538-545.	0.8	136
7	In vivo MRI assessment of the human locus coeruleus along its rostrocaudal extent in young and older adults. NeuroImage, 2017, 163, 150-159.	4.2	117
8	<i>In Vivo</i> visualization of age-related differences in the locus coeruleus. Neurobiology of Aging, 2019, 74, 101-111.	3.1	117
9	Brain-predicted age in Down syndrome is associated with beta amyloid deposition and cognitive decline. Neurobiology of Aging, 2017, 56, 41-49.	3.1	109
10	High-resolution characterisation of the aging brain using simultaneous quantitative susceptibility mapping (QSM) and R2* measurements at 7 T. NeuroImage, 2016, 138, 43-63.	4.2	101
11	Laminar activity in the hippocampus and entorhinal cortex related to novelty and episodic encoding. Nature Communications, 2014, 5, 5547.	12.8	90
12	Hippocampal vascular reserve associated with cognitive performance and hippocampal volume. Brain, 2020, 143, 622-634.	7.6	81
13	Higher CSF Tau Levels Are Related to Hippocampal Hyperactivity and Object Mnemonic Discrimination in Older Adults. Journal of Neuroscience, 2019, 39, 8788-8797.	3.6	64
14	Structural and diffusion imaging versus clinical assessment to monitor amyotrophic lateral sclerosis. NeuroImage: Clinical, 2016, 11, 408-414.	2.7	51
15	The Down syndrome brain in the presence and absence of fibrillar $\beta$ -amyloidosis. Neurobiology of Aging, 2017, 53, 11-19.	3.1	50
16	Noise in magnitude magnetic resonance images. Concepts in Magnetic Resonance Part A: Bridging Education and Research, 2008, 32A, 409-416.	0.5	35
17	Central white matter degeneration in bulbar- and limb-onset amyotrophic lateral sclerosis. Journal of Neurology, 2014, 261, 1961-1967.	3.6	30
18	CSF total tau levels are associated with hippocampal novelty irrespective of hippocampal volume. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2018, 10, 782-790.	2.4	26

#	ARTICLE	IF	CITATIONS
19	Novelty-Related fMRI Responses of Precuneus and Medial Temporal Regions in Individuals at Risk for Alzheimer Disease. <i>Neurology</i> , 2022, 99, .	1.1	24
20	Ablation of LMO4 in glutamatergic neurons impairs leptin control of fat metabolism. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 819-828.	5.4	23
21	Simplex Mesh Diffusion Snakes: Integrating 2D and 3D Deformable Models and Statistical Shape Knowledge in a Variational Framework. <i>International Journal of Computer Vision</i> , 2009, 85, 19-34.	15.6	17
22	European Ultra-high Field Imaging Network for Neurodegenerative Diseases (EUFIND). <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 538-549.	2.4	17
23	Memorability of photographs in subjective cognitive decline and mild cognitive impairment: Implications for cognitive assessment. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 610-618.	2.4	17
24	Amyloid pathology but not <i>APOE</i> $\epsilon$ 4 status is permissive for tau-related hippocampal dysfunction. <i>Brain</i> , 2022, 145, 1473-1485.	7.6	17
25	Biochemical and Physiological MR Imaging of Skeletal Muscle at 7 Tesla and Above. <i>Seminars in Musculoskeletal Radiology</i> , 2010, 14, 269-278.	0.7	14
26	Is the T1 $\rho$ -MRI Profile of Hyaline Cartilage in the Normal Hip Uniform?. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 1325-1332.	1.5	14
27	Segmentation of articular cartilage using active contours and prior knowledge. , 2004, 2004, 1648-51.		4
28	[P3 $\epsilon$ 395]: USING NEUROMELANIN $\epsilon$ SENSITIVE MRI TO CHARACTERISE THE STRUCTURAL INTEGRITY OF THE HUMAN LOCUS COERULEUS AT DIFFERENT STAGES OF ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2017, 13, P1114.	0.8	0
29	[P4 $\epsilon$ 248]: QUALITY ASSURANCE IN DELCODE: A MULTI $\epsilon$ CENTER NEUROIMAGING STUDY. <i>Alzheimer's and Dementia</i> , 2017, 13, P1372.	0.8	0