

# Carlos Roberto Hernandez-Castillo

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,129  
citations

686830

13  
h-index

454577

30  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1660  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional boundaries in the human cerebellum revealed by a multi-domain task battery. <i>Nature Neuroscience</i> , 2019, 22, 1371-1378.	7.1	406
2	Functional Network Development During the First Year: Relative Sequence and Socioeconomic Correlations. <i>Cerebral Cortex</i> , 2015, 25, 2919-2928.	1.6	275
3	Disruption of visual and motor connectivity in spinocerebellar ataxia type 7. <i>Movement Disorders</i> , 2013, 28, 1708-1716.	2.2	35
4	Parahippocampal gray matter alterations in Spinocerebellar Ataxia Type 2 identified by voxel based morphometry. <i>Journal of the Neurological Sciences</i> , 2014, 347, 50-58.	0.3	32
5	Functional connectivity changes related to cognitive and motor performance in spinocerebellar ataxia type 2. <i>Movement Disorders</i> , 2015, 30, 1391-1399.	2.2	31
6	Specific cerebellar and cortical degeneration correlates with ataxia severity in spinocerebellar ataxia type 7. <i>Brain Imaging and Behavior</i> , 2016, 10, 252-257.	1.1	28
7	Brain Structure and Degeneration Staging in Friedreich Ataxia: <scp>Magnetic Resonance Imaging</scp> Volumetrics from the <scp>ENIGMAâ€Ataxia</scp> Working Group. <i>Annals of Neurology</i> , 2021, 90, 570-583.	2.8	27
8	Unique degeneration signatures in the cerebellar cortex for spinocerebellar ataxias 2, 3, and 7. <i>NeuroImage: Clinical</i> , 2018, 20, 931-938.	1.4	24
9	Extensive White Matter Alterations and Its Correlations with Ataxia Severity in SCA 2 Patients. <i>PLoS ONE</i> , 2015, 10, e0135449.	1.1	24
10	Neural correlates of ataxia severity in spinocerebellar ataxia type 3/Machado-Joseph disease. <i>Cerebellum and Ataxias</i> , 2017, 4, 7.	1.9	22
11	Mapping the Cerebellar Cognitive Affective Syndrome in Patients with Chronic Cerebellar Strokes. <i>Cerebellum</i> , 2022, 21, 208-218.	1.4	22
12	Evaluating brain parcellations using the distanceâ€controlled boundary coefficient. <i>Human Brain Mapping</i> , 2022, 43, 3706-3720.	1.9	22
13	Whole-brain connectivity analysis and classification of spinocerebellar ataxia type 7 by functional MRI. <i>Cerebellum and Ataxias</i> , 2014, 1, 2.	1.9	18
14	Motor and cognitive impairments in spinocerebellar ataxia type 7 and its correlations with cortical volumes. <i>European Journal of Neuroscience</i> , 2018, 48, 3199-3211.	1.2	16
15	Extensive cerebellar and thalamic degeneration in spinocerebellar ataxia type 10. <i>Parkinsonism and Related Disorders</i> , 2019, 66, 182-188.	1.1	16
16	Olfactory performance in spinocerebellar ataxia type 7 patients. <i>Parkinsonism and Related Disorders</i> , 2014, 20, 499-502.	1.1	13
17	Cognitive Deficits Correlate with White Matter Deterioration in Spinocerebellar Ataxia Type 2. <i>Journal of the International Neuropsychological Society</i> , 2016, 22, 486-491.	1.2	12
18	Motor and sensory cortical reorganization after bilateral forearm transplantation: Four-year follow-up fMRI case study. <i>Magnetic Resonance Imaging</i> , 2016, 34, 541-544.	1.0	11

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19	Ataxia Severity Correlates with White Matter Degeneration in Spinocerebellar Ataxia Type 7. <i>American Journal of Neuroradiology</i> , 2016, 37, 2050-2054.	1.2	10
20	Cerebellar Degeneration Signature in Huntington's Disease. <i>Cerebellum</i> , 2021, 20, 942-945.	1.4	9
21	Early Huntington's Disease: Impulse Control Deficits but Correct Judgment Regarding Risky Situations. <i>Journal of Huntington's Disease</i> , 2017, 6, 73-78.	0.9	8
22	Increased functional connectivity after stroke correlates with behavioral scores in non-human primate model. <i>Scientific Reports</i> , 2017, 7, 6701.	1.6	7
23	Sensory information from a slipping object elicits a rapid and automatic shoulder response. <i>Journal of Neurophysiology</i> , 2020, 123, 1103-1112.	0.9	7
24	Cognitive Decline and White Matter Integrity Degradation in Myotonic Dystrophy Type I. <i>Journal of Neuroimaging</i> , 2021, 31, 192-198.	1.0	7
25	Social and Cultural Elements Associated with Neurocognitive Dysfunctions in Spinocerebellar Ataxia Type 2 Patients. <i>Frontiers in Psychiatry</i> , 2015, 6, 90.	1.3	6
26	Decoupling between the hand territory and the default mode network after bilateral arm transplantation: four-year follow-up case study. <i>Brain Imaging and Behavior</i> , 2018, 12, 296-302.	1.1	6
27	Neural correlates of spatial working memory manipulation in a sequential Vernier discrimination task. <i>NeuroReport</i> , 2014, 25, 1418-1423.	0.6	5
28	Extrastriatal degeneration correlates with deficits in the motor domain subscales of the UHDRS. <i>Journal of the Neurological Sciences</i> , 2018, 385, 22-29.	0.3	5
29	A representative template of the neonatal cerebellum. <i>NeuroImage</i> , 2019, 184, 450-454.	2.1	5
30	Cervical Spinal Cord Degeneration in Spinocerebellar Ataxia Type 7. <i>American Journal of Neuroradiology</i> , 2021, 42, 1735-1739.	1.2	4
31	Cognitive Impairments in Spinocerebellar Ataxia Type 10 and Their Relation to Cortical Thickness. <i>Movement Disorders</i> , 2021, 36, 2910-2921.	2.2	3
32	Neuroanatomical substrates involved in unrelated false facial recognition. <i>Social Neuroscience</i> , 2019, 14, 90-98.	0.7	2
33	Cerebellar and thalamic degeneration in spinocerebellar ataxia type 10. The devil is in the details. <i>Parkinsonism and Related Disorders</i> , 2020, 76, 75.	1.1	2
34	The role of feedback in the production of skilled finger sequences. <i>Journal of Neurophysiology</i> , 2022, 127, 829-839.	0.9	1
35	Bilateral Proximal Forearm Transplantation: Case Report at 7 Years. <i>Transplantation</i> , 2020, 104, e90-e97.	0.5	0