

# 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  | Mapping the Cerebellar Cognitive Affective Syndrome in Patients with Chronic Cerebellar Strokes. <i>Cerebellum</i> , 2022, 21, 208-218.  | 1.4 | 22        |
| 2  | The role of feedback in the production of skilled finger sequences. <i>Journal of Neurophysiology</i> , 2022, 127, 829-839.  | 0.9 | 1         |
| 3  | Evaluating brain parcellations using the distance-controlled boundary coefficient. <i>Human Brain Mapping</i> , 2022, 43, 3706-3720.   | 1.9 | 22        |
| 4  | Cognitive Decline and White Matter Integrity Degradation in Myotonic Dystrophy Type I. <i>Journal of Neuroimaging</i> , 2021, 31, 192-198.   | 1.0 | 7         |
| 5  | Cerebellar Degeneration Signature in Huntington's Disease. <i>Cerebellum</i> , 2021, 20, 942-945.  | 1.4 | 9         |
| 6  | Cervical Spinal Cord Degeneration in Spinocerebellar Ataxia Type 7. <i>American Journal of Neuroradiology</i> , 2021, 42, 1735-1739.   | 1.2 | 4         |
| 7  | Cognitive Impairments in Spinocerebellar Ataxia Type 10 and Their Relation to Cortical Thickness. <i>Movement Disorders</i> , 2021, 36, 2910-2921.   | 2.2 | 3         |
| 8  | Brain Structure and Degeneration Staging in Friedreich Ataxia: Magnetic Resonance Imaging Volumetrics from the ENIGMA Ataxia Working Group. <i>Annals of Neurology</i> , 2021, 90, 570-583.    | 2.8 | 27        |
| 9  | Bilateral Proximal Forearm Transplantation: Case Report at 7 Years. <i>Transplantation</i> , 2020, 104, e90-e97.   | 0.5 | 0         |
| 10 | 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         |
| 11 | 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         |
| 12 | Functional boundaries in the human cerebellum revealed by a multi-domain task battery. <i>Nature Neuroscience</i> , 2019, 22, 1371-1378.   | 7.1 | 406       |
| 13 | Extensive cerebellar and thalamic degeneration in spinocerebellar ataxia type 10. <i>Parkinsonism and Related Disorders</i> , 2019, 66, 182-188.   | 1.1 | 16        |
| 14 | A representative template of the neonatal cerebellum. <i>NeuroImage</i> , 2019, 184, 450-454.  | 2.1 | 5         |
| 15 | Neuroanatomical substrates involved in unrelated false facial recognition. <i>Social Neuroscience</i> , 2019, 14, 90-98.   | 0.7 | 2         |
| 16 | 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         |
| 17 | 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         |
| 18 | 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        |

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|----|--|-----|-----------|
| 19 | 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        |
| 20 | 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         |
| 21 | Increased functional connectivity after stroke correlates with behavioral scores in non-human primate model. <i>Scientific Reports</i> , 2017, 7, 6701.                            | 1.6 | 7         |
| 22 | Neural correlates of ataxia severity in spinocerebellar ataxia type 3/Machado-Joseph disease. <i>Cerebellum and Ataxias</i> , 2017, 4, 7.  | 1.9 | 22        |
| 23 | 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        |
| 24 | 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        |
| 25 | 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        |
| 26 | 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        |
| 27 | 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        |
| 28 | 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         |
| 29 | Functional Network Development During the First Year: Relative Sequence and Socioeconomic Correlations. <i>Cerebral Cortex</i> , 2015, 25, 2919-2928.                              | 1.6 | 275       |
| 30 | Extensive White Matter Alterations and Its Correlations with Ataxia Severity in SCA 2 Patients. <i>PLoS ONE</i> , 2015, 10, e0135449.  | 1.1 | 24        |
| 31 | 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        |
| 32 | 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        |
| 33 | Neural correlates of spatial working memory manipulation in a sequential Vernier discrimination task. <i>NeuroReport</i> , 2014, 25, 1418-1423.                                    | 0.6 | 5         |
| 34 | Olfactory performance in spinocerebellar ataxia type 7 patients. <i>Parkinsonism and Related Disorders</i> , 2014, 20, 499-502.  | 1.1 | 13        |
| 35 | Disruption of visual and motor connectivity in spinocerebellar ataxia type 7. <i>Movement Disorders</i> , 2013, 28, 1708-1716.   | 2.2 | 35        |