



GOBIERNO
DE ESPAÑA

MINISTERIO
DE DERECHOS SOCIALES
Y AGENDA 2030



BOLETÍN MENSUAL DE DIVULGACIÓN DE INFORMACIÓN DEL CRE DISCAPACIDAD Y DEPENDENCIA, IMSERSO

Boletín
mensual de
divulgación de
información
sobre
investigaciones,
publicaciones y
avances
científicos
relacionados
con la
discapacidad

Febrero 2023



Recopilación de nuevas investigaciones, publicaciones y avances sobre:

Discapacidad.

- ✓ Historia del síndrome de Guillain-Barré.

J. Berciano.

Artículo de la revista Neurosciences and History

- ✓ Depression mediated the relationships between precentral-subcortical causal links and motor recovery in spinal cord injury patients.

Yan Li, Yang Zhang, Weiqi Zhou, Rong Li, Jiali Yu, Lisha Gong, Jinsong Leng, Fengmei Lu, Jingming Hou, Huafu Chen, Qing Gao.

DOI: <https://doi.org/10.1093/cercor/bhad035>

Artículo de la revista Cerebral Cortex.

- ✓ Decreased homotopic functional connectivity in traumatic brain injury.

Reut Raizman, Nofar Itzhaki, Johanna Sirkin, Inbar Meningher, Galia Tsarfaty, Ofer Keren, Zion Zibli, Tamar Silberg, Chaim G Pick, Abigail Livny.

DOI: <https://doi.org/10.1093/cercor/bhac130>

Artículo de la revista Cerebral Cortex.

- ✓ Interhemispheric functional brain connectivity predicts new language learning success in adults.

Kaija Sander, Xiaoqian Chai, Elise B Barbeau, Shanna Koussaie, Michael Petrides, Shari Baum, Denise Klein.

DOI: <https://doi.org/10.1093/cercor/bhac131>

Artículo de la revista Cerebral Cortex.



- ✓ Exploring relevant parameters and investigating their reproducibility of task-oriented unimanual strength measurement in children with unilateral cerebral palsy.

Mellanie Geijen, Caroline Bastiaenen, Andrew Gordon, Rob Smeets & Eugene Rameckers.

DOI: <https://doi.org/10.1080/09638288.2023.2178677>

Artículo de la revista Disability and Rehabilitation.

- ✓ The interrelated process of becoming independent in user participation for young persons living with disabilities.

Janne Marita Liaaen & Sylvia Söderström.

DOI: <https://doi.org/10.1080/09638288.2023.2175385>

Artículo de la revista Disability and Rehabilitation.

- ✓ A big data approach to evaluate receipt of optimal care in childhood cerebral palsy.

Alexis Mitelpunkt, Megan A. Stodola, Jilda Vargus-Adams Brad G. Kurowski, Kelly Greve, Surbhi Bhatnagar, Bruce Aronow, Janet Zahner & Amy F. Bailes.

DOI: <https://doi.org/10.1080/09638288.2023.2175919>

Artículo de la revista Disability and Rehabilitation.

- ✓ Description of an interdisciplinary, holistic cognitive rehabilitation program for adults with mild to moderate cognitive impairment after acquired brain injury.

Karen T. Reilly, Julie Holé, Stuart Nash, Virginie Pugniet, Valérie Servajean, Didier Varsovie & Sophie Jacquin-Courtois.

DOI: <https://doi.org/10.1080/09638288.2022.2157058>

Artículo de la revista Disability and Rehabilitation.

- ✓ Understanding the experiences, needs, and strengths of people with incomplete spinal cord injury who can ambulate.

Murveena Jeawon, Bethany Hase, Susanna Miller, Janice J. Eng, Andrea Bundon, Habib Chaudhury, Jocelyn Maffin, Ryan Clarkson, Jenna Wright & W. Ben Mortenson.

DOI: <https://doi.org/10.1080/09638288.2023.2171495>

Artículo de la revista Disability and Rehabilitation.



- ✓ Risk factors and characteristics of new-onset coronary heart disease in adults with physical disabilities: A retrospective cohort study.

Jing Wu, Lan Huang, Airong Wu, Jianlei Xu, Zhenghong Wu, Meihua Le, Chenghua Jiang, Hengjing Wu

DOI: <https://doi.org/10.1016/j.heliyon.2023.e13841>

Artículo de la revista Heliyon.

- ✓ Acute thalamic connectivity precedes chronic post-concussive symptoms in mild traumatic brain injury

Rebecca E Woodrow, Stefan Winzeck, Andrea I Luppi, Isaac R Kelleher-Unger, Lennart R B Spindler, J T Lindsay Wilson, Virginia F J Newcombe, Jonathan P Coles, CENTER-TBI MRI Substudy Participants and Investigators, David K Menon, Emmanuel A Stamatakis.

DOI: <https://doi.org/10.1093/brain/awad056>

Artículo de la revista Brain.

- ✓ Control strategies used in lower limb exoskeletons for gait rehabilitation after brain injury: a systematic review and analysis of clinical effectiveness.

Jesús de Miguel-Fernández, Joan Lobo-Prat, Erik Prinsen, Josep M. Font-Llagunes & Laura Marchal-Crespo.

DOI: <https://doi.org/10.1093/brain/awad056>

Artículo de la revista Journal of NeuroEngineering and Rehabilitation

Enfermedad de Huntington.

- ✓ Detection of antibodies against the huntingtin protein in human plasma

Hélène L. Denis, Melanie Alpaugh, Claudia P. Alvarez, Alexis Fenyi, Roger A. Barker, Sylvain Chouinard, Cheryl H. Arrowsmith, Ronald Melki, Richard Labib, Rachel J. Harding & Francesca Cicchetti.

DOI: <https://doi.org/10.1007/s00018-023-04687-x>

Artículo de la revista Cellular and Molecular Life Sciences

- ✓ Local synchronicity in dopamine-rich caudate nucleus influences Huntington's disease motor phenotype.



Jan Kasper, Simon B Eickhoff, Svenja Caspers, Jessica Peter, Imis Dogan, Robert Christian Wolf, Kathrin Reetz, Juergen Dukart, Michael Orth.

DOI: <https://doi.org/10.1093/brain/awad043>

Artículo de la revista Brain.

✓ Hunting for a Diagnosis.

Leslie Chang, M.D., Debra Malina, Ph.D., Lisa Rosenbaum, M.D., Caren Solomon, M.D., M.P.H., and Timothy Vining

DOI: [10.1056/NEJMp2301054](https://doi.org/10.1056/NEJMp2301054)

Artículo de la revista NEJM Journal Watch.

Enfermedad de Parkinson.

✓ Safety and tolerability of adjunct non-invasive vagus nerve stimulation in people with parkinson's: a study protocol.

Hilmar P. Sigurdsson, Heather Hunter, Lisa Alcock, Ross Wilson, Ilse Pienaar, Elizabeth Want, Mark R. Baker, John-Paul Taylor, Lynn Rochester & Alison J. Yarnall.

DOI: <https://doi.org/10.1186/s12883-023-03081-1>

Artículo de la revista BMC Neurology

✓ Globus pallidus internus deep brain stimulation evokes resonant neural activity in Parkinson's disease.

Kara A Johnson, Jackson N Cagle, Janine Lobo Lopes, Joshua K Wong, Michael S Okun, Aparna Wagle Shukla, Justin D Hilliard, Kelly D Foote, Coralie de Hemptinne.

DOI: <https://doi.org/10.1093/braincomms/fcad025>

Artículo de la revista Brains Communications

✓ Adaptive and pathological connectivity responses in Parkinson's disease brain networks

An Vo, Katharina A Schindlbeck, Nha Nguyen, Andrea Rommal, Phoebe G Spetsieris, Chris C Tang, Yoon Young Choi, Martin Niethammer, Vijay Dhawan, David Eidelberg.

DOI: <https://doi.org/10.1093/cercor/bhac110>



Artículo de la revista Cerebral Cortex.

- ✓ Greater prefrontal activation during sitting toe tapping predicts severer freezing of gait in Parkinson's disease: an fNIRS study.

Lanlan Pu, Tao Liu, William C Tang, Chunli Song, Mingyan Jin, Lu Ren, Tao Li, Zhanhua Liang.

DOI: <https://doi.org/10.1093/cercor/bhac114>

Artículo de la revista Cerebral Cortex.

- ✓ The relationship between serum neurofilament light chain and glial fibrillary acidic protein with the REM sleep behavior disorder subtype of Parkinson's disease.

Xing Teng, Shuai Mao, Han Wu, Qiuyue Shao, Jie Zu, Wei Zhang, Su Zhou, Tao Zhang, Jienan Zhu, Guiyun Cui, Chuanying Xu.

DOI: <https://doi.org/10.1111/jnc.15780>

Artículo de la revista Journal of Neurochemistry

- ✓ Translational molecular imaging and drug development in Parkinson's disease.

Ahmed Haider, Nehal H. Elghazawy, Alyaa Dawoud, Catherine Gebhard, Thomas Wichmann, Wolfgang Sippl, Marius Hoener, Ernest Arenas & Steven H. Liang.

DOI: <https://doi.org/10.1186/s13024-023-00600-z>

Artículo de la revista Molecular Neurodegeneration

Esclerosis Lateral Amiotrófica (ELA)

- ✓ Convenient Auditory-Based Language and Executive Function Test for Patients With Amyotrophic Lateral Sclerosis: A Pilot Study

Reiko Ohdake, Hirohisa Watanabe, Kazuya Kawabata, Aya Ogura, Maki Sato, Yasuhiro Tanaka, Kazunori Imai, Michihito Masuda, Toshiyasu Kato, Takamasa Yokoi, Kazuhiro Hara, Ryoichi Nakamura, Naoki Atsuta, Masafumi Nakagawa, Masahisa Katsuno, Gen Sobue.

DOI: <https://doi.org/10.1093/arclin/acac069>

Artículo de la revista Archives of Clinical Neurophysiology.



- ✓ Mutated FUS in familial amyotrophic lateral sclerosis involves multiple hnRNPs in the formation of neuronal cytoplasmic inclusions.

Hiroyuki Honda, MD, PhD, Motoi Yoshimura, MD, PhD, Hajime Arahata, MD, PhD, Kaoru Yagita, MD, Shoko Sadashima, MD, PhD, Hideomi Hamasaki, PhD, Masahiro Shijo, MD, PhD, Sachiko Koyama, BSc, Hideko Noguchi, BSc, Naokazu Sasagasako, MD.

DOI: <https://doi.org/10.1093/jnen/nlac124>

Artículo de la revista Journal of Neuropathology & Experimental Neurology.

Esclerosis múltiple y otras enfermedades autoinmunes.

- ✓ Personality as a Predictor of Disability in Multiple Sclerosis

Isabele Jacot de Alcântara, Philippe Voruz, Gilles Allali, Chloé Fragnoli, Maria Paraskevi Antoniou, Patrice Henri Lalive, Julie Anne Péron

DOI: <https://doi.org/10.1093/arclin/acad010>

Artículo de la revista Archives of Clinical Neurophysiology.

- ✓ Trail Making Test Could Predict Impairment in Cognitive Domains in Patients with Multiple Sclerosis: A Study of Diagnostic Accuracy.

Samaneh Kabiri, Melika Jameie, Pargol Balali, Sahand Adib Moradi, Hossein Sanjari Moghaddam, Vajiheh Aghamollai, Mohammad Hossein Harirchian.

DOI: <https://doi.org/10.1093/arclin/acac059>

Artículo de la revista Archives of Clinical Neurophysiology.

- ✓ The role of systemic immune inflammatory index in showing active lesion in patients with multiple sclerosis.
SII and other inflammatory biomarker in radiological active multiple sclerosis patients.

Seyda Figul Gokce, Asli Bolayır, Burhanettin Cigdem & Bulent Yildiz.

DOI: <https://doi.org/10.1186/s12883-023-03101-0>

Artículo de la revista BMC Neurology



- ✓ Evaluating the impact of patient-reported outcome measures on depression and anxiety levels in people with multiple sclerosis: a study protocol for a randomized controlled trial.

Nathan Y. Chu, Kaitlyn E. Watson, Yazid N. Al Hamarneh, Lily Yushko, Ross T. Tsuyuki & Penelope Smyth.

DOI: <https://doi.org/10.1186/s12883-023-03090-0>

Artículo de la revista BMC Neurology

- ✓ B.infantis enhances immunotherapy for Guillain-Barre syndrome through regulating PD-1.

Peng Shi, Di Nian, Hongdang Qu, Ming Ye, Chun Wang, Li Li & Qian Li

DOI: <https://doi.org/10.1186/s12883-022-03046-w>

Artículo de la revista BMC Neurology

- ✓ Arbaclofen extended-release tablets for spasticity in multiple sclerosis: open-label extension study.

Darin T Okuda, MD, Daniel Kantor, MD, Mark Jaros, PhD, Tina deVries, PhD, Samuel Hunter, MD, PhD.

DOI: <https://doi.org/10.1093/braincomms/fcad026>

Artículo de la revista Brains Communications

- ✓ Magnetization transfer ratio for assessing remyelination after transcranial ultrasound stimulation in the lysolecithin rat model of multiple sclerosis.

Li-Hsin Huang, Zih-Yun Pan, Yi-Ju Pan, Feng-Yi Yang

DOI: <https://doi.org/10.1093/cercor/bhac144>

Artículo de la revista Cerebral Cortex.

- ✓ Immune Profiling Reveals the T-Cell Effect of Ocrelizumab in Early Relapsing-Remitting Multiple Sclerosis.

Alexandra Garcia, Emilie Dugast, Sita Shah, Jérémy Morille, Christine Lebrun-Frenay, Eric Thouvenot, Jérôme De Sèze, Emmanuelle Le Page, Sandra Vukusic, Aude Maurousset, Eric Berger, Olivier Casez, Pierre Labauge, Aurélie Ruet, Catarina Raposo, Fabien Bakdache, Régine Buffels, Fabienne Le Frère, Arnaud Nicot, Sandrine Wiertlewski, Pierre-Antoine Gourraud, Laureline Berthelot, David Laplaud.

DOI: <https://doi.org/10.1212/NXI.0000000000200091>



GOBIERNO
DE ESPAÑA

MINISTERIO
DE DERECHOS SOCIALES
Y AGENDA 2030



Artículo de la revista Neurology Neuroimmunology and Neuroinflammation



Servicio de documentación

CRE Discapacidad y Dependencia

Imserso



+34 987 843 300



info@crediscapacidadydependencia.es



www.crediscapacidadydependencia.es



[C/ Limonar de Cuba s/n, 24010](#)

[San Andrés del Rabanedo, \(León\)](#)



[@crediscapacidadydependencia](#)



[@Crediscapacidad](#)



[Crediscapacidad](#)



[@crediscapacidad](#)