Jose Maria Tormos MuÃ±oz

List of Publications by Year
in descending order

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29 papers	2,731 citations	471509 17 h-index	501196 28 g-index
32 all docs	32 docs citations	32 times ranked	3664 citing authors

#	Article	IF	Citations
1	Study and Modulation of Human Cortical Excitability With Transcranial Magnetic Stimulation. Journal of Clinical Neurophysiology, 1998, 15, 333-343.	1.7	708
2	Interindividual variability of the modulatory effects of repetitive transcranial magnetic stimulation on cortical excitability. Experimental Brain Research, 2000, 133, 425-430.	1.5	536
3	Transcranial magnetic stimulation and neuroplasticity. Neuropsychologia, 1998, 37, 207-217.	1.6	172
4	Resting-State Functional Magnetic Resonance Imaging Activity and Connectivity and Cognitive Outcome in Traumatic Brain Injury. JAMA Neurology, 2013, 70, 845.	9.0	143
5	TMS suppression of right pars triangularis, but not pars opercularis, improves naming in aphasia. Brain and Language, 2011, 119, 206-213.	1.6	125
6	Noninvasive Brain Stimulation in Traumatic Brain Injury. Journal of Head Trauma Rehabilitation, 2012, 27, 274-292.	1.7	125
7	Changes in Cortical Plasticity Across the Lifespan. Frontiers in Aging Neuroscience, 2011, 3, 5.	3.4	120
8	Repetitive transcranial magnetic stimulation in the treatment of epilepsia partialis continua. Epilepsy and Behavior, 2009, 14, 253-257.	1.7	115
9	Long-term declarative memory deficits in diffuse TBI: Correlations with cortical thickness, white matter integrity and hippocampal volume. Cortex, 2013, 49, 646-657.	2.4	112
10	Diffusion tensor imaging differences relate to memory deficits in diffuse traumatic brain injury. BMC Neurology, 2011, 11, 24.	1.8	75
11	A longitudinal fMRI study of working memory in severe TBI patients with diffuse axonal injury. NeuroImage, 2008, 43, 421-429.	4.2	74
12	Improving Brain Injury Cognitive Rehabilitation by Personalized Telerehabilitation Services: Guttmann Neuropersonal Trainer. IEEE Journal of Biomedical and Health Informatics, 2015, 19, 124-131.	6.3	64
13	Gait Training in Human Spinal Cord Injury Using Electromechanical Systems: Effect of Device Type and Patient Characteristics. Archives of Physical Medicine and Rehabilitation, 2012, 93, 404-412.	0.9	56
14	Transcranial direct current stimulation is not effective in the motor strength and gait recovery following motor incomplete spinal cord injury during LokomatÂ® gait training. Neuroscience Letters, 2016, 620, 143-147.	2.1	47
15	Development of the International Classification of Functioning, Disability and Health core sets for traumatic brain injury: An International consensus process. Brain Injury, 2013, 27, 379-387.	1.2	46
16	What domains of the International Classification of Functioning, Disability and Health are covered by the most commonly used measurement instruments in traumatic brain injury research?. Clinical Neurology and Neurosurgery, 2012, 114, 645-650.	1.4	43
17	Abnormal Corticospinal Excitability in Traumatic Diffuse Axonal Brain Injury. Journal of Neurotrauma, 2009, 26, 2185-2193.	3.4	30
18	A customized home-based computerized cognitive rehabilitation platform for patients with chronic-stage stroke: study protocol for a randomized controlled trial. Trials, 2018, 19, 191.	1.6	19

#	Article	IF	Citations
19	ICF use to identify common problems on a TBI neurorehabilitation unit in Spain. NeuroRehabilitation, 2011, 29, 99-110.	1.3	18
20	White Matter/Gray Matter Contrast Changes in Chronic and Diffuse Traumatic Brain Injury. Journal of Neurotrauma, 2013, 30, 1991-1994.	3.4	18
21	Associations Between Cardiorespiratory Fitness, Cardiovascular Risk, and Cognition Are Mediated by Structural Brain Health in Midlife. Journal of the American Heart Association, 2021, 10, e020688.	3.7	18
22	Circles of Health: Towards an advanced social network about disabilities of neurological origin. Journal of Biomedical Informatics, 2013, 46, 1006-1029.	4.3	17
23	Seizure induced by fast repetitive transcranial magnetic stimulation. Clinical Neurophysiology, 2004, 115, 1714-1715.	1.5	14
24	Personalized Web-Based Cognitive Rehabilitation Treatments for Patients with Traumatic Brain Injury: Cluster Analysis. JMIR Medical Informatics, 2020, 8, e16077.	2.6	11
25	Somatosensory cortectomy induces motor cortical hyperexcitability and scoliosis: an experimental study in developing rats. Spine Journal, 2013, 13, 938-946.	1.3	9
26	Combination treatment in the rehabilitation of visuo-spatial neglect. Psicothema, 2016, 28, 143-9.	0.9	8
27	Neuromodulation in hypoxic-ischemic injury. Brain Stimulation, 2009, 2, 179-181.	1.6	6
28	Toward Personalized Web-Based Cognitive Rehabilitation for Patients With Ischemic Stroke: Elo Rating Approach. JMIR Medical Informatics, 2021, 9, e28090.	2.6	2
29	New Approaches for Personalizing Daily Activity Monitoring in mHealth Applications. IFMBE Proceedings, 2020, , 1181-1186.	0.3	0