Omar Mendoza-Montoya

List of Publications by Year
in descending order

		1478505	1372567
15 papers	**126** citations	**6** h-index	**10** g-index
16 all docs	**16** docs citations	**16** times ranked	**164** citing authors

#	Article	IF	Citations
1	Healthy aging: Relationship between quantitative electroencephalogram and cognition. Neuroscience Letters, 2012, 510, 115-120.	2.1	23
2	Evaluation of a P300-Based Brain-Machine Interface for a Robotic Hand-Orthosis Control. Frontiers in Neuroscience, 2020, 14, 589659.	2.8	21
3	Event-related EEG oscillations to semantically unrelated words in normal and learning disabled children. Brain and Cognition, 2012, 80, 74-82.	1.8	18
4	Electrophysiological auditory responses and language development in infants with periventricular leukomalacia. Brain and Language, 2011, 119, 175-183.	1.6	12
5	Brain-Computer Interface Controlled Functional Electrical Stimulation: Evaluation With Healthy Subjects and Spinal Cord Injury Patients. IEEE Access, 2022, 10, 46834-46852.	4.2	11
6	Single-Option P300-BCI Performance Is Affected by Visual Stimulation Conditions. Sensors, 2020, 20, 7198.	3.8	10
7	Anticipatory Detection of Self-Paced Rehabilitative Movements in the Same Upper Limb From EEG Signals. IEEE Access, 2020, 8, 119728-119743.	4.2	10
8	Pre-processing and feature extraction. , 2022, , 59-91.		7
9	Electrophysiological auditory response to acoustically modified syllables in preterm and full-term infants. Journal of Neurolinguistics, 2016, 38, 14-25.	1.1	6
10	Functional Connectivity and Frequency Power Alterations during P300 Task as a Result of Amyotrophic Lateral Sclerosis. Sensors, 2021, 21, 6801.	3.8	6
11	Characterization of the Sensorimotor Rhythm in 4-Month-Old Infants Born at Term and Premature. Applied Psychophysiology Biofeedback, 2017, 42, 257-267.	1.7	1
12	Dendrite Ellipsoidal Neuron Trained by Stochastic Gradient Descent for Motor Imagery Classification. Lecture Notes in Computer Science, 2019, , 80-88.	1.3	1
13	A maximum linear separation criterion for the analysis of neurophysiological data. Journal of Neuroscience Methods, 2013, 214, 233-245.	2.5	0
14	Using Morphological-Linear Neural Network for Upper Limb Movement Intention Recognition from EEG Signals. Lecture Notes in Computer Science, 2019, , 389-397.	1.3	0
15	P300-based brain–computer interface for communication and control. , 2022, , 271-292.		0