

Jessica Cantillo-Negrete

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

266
citations

1307366

7
h-index

996849

15
g-index

25
all docs

25
docs citations

25
times ranked

289
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain-computer interface as complementary therapy for hemiparesis in an astrocytoma patient. <i>Neurological Sciences</i> , 2022, 43, 2879.	0.9	1
2	Brain-Computer Interface Controlled Functional Electrical Stimulation: Evaluation With Healthy Subjects and Spinal Cord Injury Patients. <i>IEEE Access</i> , 2022, 10, 46834-46852.	2.6	11
3	Movement-Related Electroencephalography in Stroke Patients Across a Brain-Computer Interface-Based Intervention. <i>Communications in Computer and Information Science</i> , 2022, , 215-224.	0.4	1
4	Computer-aided diagnosis based on hand thermal, RGB images, and grip force using artificial intelligence as screening tool for rheumatoid arthritis in women. <i>Medical and Biological Engineering and Computing</i> , 2021, 59, 287-300.	1.6	8
5	Automatic selection and feature extraction of motor-evoked potentials by transcranial magnetic stimulation in stroke patients. <i>Medical and Biological Engineering and Computing</i> , 2021, 59, 449-456.	1.6	4
6	Prognosis of stroke upper limb recovery with physiological variables using regression tree ensembles. <i>Journal of Neural Engineering</i> , 2021, 18, 046057.	1.8	4
7	Brain-Computer Interface Coupled to a Robotic Hand Orthosis for Stroke Patientsâ€™ TM Neurorehabilitation: A Crossover Feasibility Study. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 656975.	1.0	17
8	Brainâ€™ computer interface performance analysis of monozygotic twins with discordant hand dominance: A case study. <i>Laterality</i> , 2020, 25, 513-536.	0.5	2
9	3D motion tracking of the shoulder joint with respect to the thorax using MARG sensors and data fusion algorithm. <i>Biocybernetics and Biomedical Engineering</i> , 2020, 40, 1205-1224.	3.3	9
10	Automatic Recognition and Feature Extraction of Motor-Evoked Potentials Elicited by Transcranial Magnetic Stimulation. <i>IFMBE Proceedings</i> , 2020, , 1037-1042.	0.2	2
11	An IoT-Based Non-Invasive Glucose Level Monitoring System Using Raspberry Pi. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3046.	1.3	28
12	Longitudinal Analysis of Stroke Patientsâ€™ TM Brain Rhythms during an Intervention with a Brain-Computer Interface. <i>Neural Plasticity</i> , 2019, 2019, 1-11.	1.0	43
13	Robotic orthosis compared to virtual hand for Brainâ€™ Computer Interface feedback. <i>Biocybernetics and Biomedical Engineering</i> , 2019, 39, 263-272.	3.3	21
14	Dendrite Ellipsoidal Neuron Trained by Stochastic Gradient Descent for Motor Imagery Classification. <i>Lecture Notes in Computer Science</i> , 2019, , 80-88.	1.0	1
15	Classification of motor imagery electroencephalography signals using spiking neurons with different input encoding strategies. <i>Neural Computing and Applications</i> , 2018, 30, 1289-1301.	3.2	7
16	Motor Imagery-Based Brain-Computer Interface Coupled to a Robotic Hand Orthosis Aimed for Neurorehabilitation of Stroke Patients. <i>Journal of Healthcare Engineering</i> , 2018, 2018, 1-10.	1.1	62
17	Computational method to measure vascular lesions in human brain digital images. , 2017, , .		0
18	Spiking Neural Networks Trained with Particle Swarm Optimization for Motor Imagery Classification. <i>Lecture Notes in Computer Science</i> , 2016, , 245-252.	1.0	4

#	ARTICLE	IF	CITATIONS
19	Control signal for a mechatronic hand orthosis aimed for neurorehabilitation. , 2015, , .		7
20	An approach to improve the performance of subject-independent BCIs-based on motor imagery allocating subjects by gender. BioMedical Engineering OnLine, 2014, 13, 158.	1.3	27
21	Mechanical structure prototype and control unit for an active orthosis for a human had. , 2014, , .		1
22	Module to present and identify motor imagery tasks in electroencephalography. , 2013, , .		2
23	Time-frequency analysis of EEG signals from healthy subjects allocated by gender for a subject-independent BCI-based on motor imagery. , 2013, , .		2