Ãlvaro FernÃ¡ndez-RodrÃ-guez

List of Publications by Year
in descending order

21 papers	260 citations	1163117 8 h-index	940533 16 g-index
22 all docs	22 docs citations	22 times ranked	272 citing authors

#	Article	IF	Citations
1	Effect of Distracting Background Speech in an Auditory Brainâ€“Computer Interface. Brain Sciences, 2021, 11, 39.	2.3	4
2	Different effects of using pictures as stimuli in a P300 brain-computer interface under rapid serial visual presentation or row-column paradigm. Medical and Biological Engineering and Computing, 2021, 59, 869-881.	2.8	7
3	Speech stream segregation to control an ERP-based auditory BCI. Journal of Neural Engineering, 2021, 18, 026023.	3.5	5
4	Brainâ€“Computer Interface (BCI) Control of a Virtual Assistant in a Smartphone to Manage Messaging Applications. Sensors, 2021, 21, 3716.	3.8	18
5	P300-Based Brain-Computer Interface Speller: Usability Evaluation of Three Speller Sizes by Severely Motor-Disabled Patients. Frontiers in Human Neuroscience, 2020, 14, 583358.	2.0	16
6	Effects of Spatial Stimulus Overlap in a Visual P300-based Brain-computer Interface. Neuroscience, 2020, 431, 134-142.	2.3	13
7	Performance Analysis With Different Types of Visual Stimuli in a BCI-Based Speller Under an RSVP Paradigm. Frontiers in Computational Neuroscience, 2020, 14, 587702.	2.1	7
8	Evaluation of emotional and neutral pictures as flashing stimuli using a P300 brainâ€“computer interface speller. Journal of Neural Engineering, 2019, 16, 056024.	3.5	15
9	Evaluation of flashing stimuli shape and colour heterogeneity using a P300 brain-computer interface speller. Neuroscience Letters, 2019, 709, 134385.	2.1	14
10	Preliminary Results Using a P300 Brain-Computer Interface Speller: A Possible Interaction Effect Between Presentation Paradigm and Set of Stimuli. Lecture Notes in Computer Science, 2019, , 371-381.	1.3	2
11	UMA-BCI Speller: An easily configurable P300 speller tool for end users. Computer Methods and Programs in Biomedicine, 2019, 172, 127-138.	4.7	25
12	Brain-Controlled Wheelchair Through Discrimination of Two Mental Tasks. Lecture Notes in Networks and Systems, 2018, , 563-574.	0.7	2
13	A Shaping Procedure to Modulate Two Cognitive Tasks to Improve a Sensorimotor Rhythm-Based Brain-Computer Interface System. Spanish Journal of Psychology, 2018, 21, E44.	2.1	2
14	Evaluation of Switch and Continuous Navigation Paradigms to Command a Brain-Controlled Wheelchair. Frontiers in Neuroscience, 2018, 12, 438.	2.8	8
15	Control strategies of a brain-controlled wheelchair using two mental tasks. , 2018, , 345-368.		0
16	Brain-Computer Interface application: auditory serial interface to control a two-class motor-imagery-based wheelchair. Journal of NeuroEngineering and Rehabilitation, 2017, 14, 49.	4.6	39
17	Switch Mode to Control a Wheelchair Through EEG Signals. Biosystems and Biorobotics, 2017, , 801-805.	0.3	3
18	Review of real brain-controlled wheelchairs. Journal of Neural Engineering, 2016, 13, 061001.	3.5	66

#	Article	IF	Citations
19	Wheelchair navigation with an audio-cued, two-class motor imagery-based brain-computer interface system. , 2015, , .		14
20	Brainâ€“computer interfaces for controlling wheelchairs. , 2008, , 323-344.		0
21	Efecto de interacciÃ³n entre el paradigma de presentaciÃ³n y el conjunto de estÃmulos en un teclado virtual controlado a travÃ©s de una interfaz cerebro-ordenador basada en P300. , 0, , .		0