Mathieu Petieau

List of Publications by Year
in descending order

16 papers	386 citations	1040056 9 h-index	1125743 13 g-index
17 all docs	17 docs citations	17 times ranked	595 citing authors

#	Article	IF	Citations
1	Riemannian classification of single-trial surface EEG and sources during checkerboard and navigational images in humans. PLoS ONE, 2022, 17, e0262417.	2.5	3
2	Effects of Pulsed-Wave Chromotherapy and Guided Relaxation on the Theta-Alpha Oscillation During Arrest Reaction. Frontiers in Psychology, 2022, 13, 792872.	2.1	2
3	Increased brain reactivity to gambling unavailability as a marker of problem gambling. Addiction Biology, 2021, 26, e12996.	2.6	5
4	Hyperscanning EEG and Classification Based on Riemannian Geometry for Festive and Violent Mental State Discrimination. Frontiers in Neuroscience, 2020, 14, 588357.	2.8	6
5	Local sleep-like events during wakefulness and their relationship to decreased alertness in astronauts on ISS. Npj Microgravity, 2019, 5, 10.	3.7	36
6	Proactive and Reactive Motor Inhibition in Top Athletes Versus Nonathletes. Perceptual and Motor Skills, 2018, 125, 289-312.	1.3	24
7	Facing temptation: The neural correlates of gambling availability during sports picture exposure. Cognitive, Affective and Behavioral Neuroscience, 2018, 18, 718-729.	2.0	15
8	Neural correlates of correct and failed response inhibition in heavy versus light social drinkers: an fMRI study during a go/no-go task by healthy participants. Brain Imaging and Behavior, 2017, 11, 1796-1811.	2.1	22
9	Brain Oscillations in Sport: Toward EEG Biomarkers of Performance. Frontiers in Psychology, 2016, 7, 246.	2.1	127
10	Long-Lasting Cortical Reorganization as the Result of Motor Imagery of Throwing a Ball in a Virtual Tennis Court. Frontiers in Psychology, 2015, 6, 1869.	2.1	25
11	Neural rhythmic symphony of human walking observation: Upside-down and Uncoordinated condition on cortical theta, alpha, beta and gamma oscillations. Frontiers in Systems Neuroscience, 2014, 8, 169.	2.5	24
12	A subjective assessment of a P300 BCI system for lower-limb rehabilitation purposes. , 2012, 2012, 3845-9.		15
13	MINDWALKER: Going one step further with assistive lower limbs exoskeleton for SCI condition subjects. , 2012, , .		36
14	Are current gait-related artifact removal techniques useful for low-complexity BCIs?. , 2012, , .		1
15	An analysis of EEG signals during voluntary rhythmic foot movements. , 2011, , .		1
16	Optimizing the Performances of a P300-Based Brainâ€“Computer Interface in Ambulatory Conditions. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2011, 1, 566-577.	3.6	33