Juan R Vidal

List of Publications by Year
in descending order

21 papers	1,162 citations	516710 16 h-index	713466 21 g-index
22 all docs	22 docs citations	22 times ranked	1646 citing authors

#	Article	IF	Citations
1	Transient Suppression of Broadband Gamma Power in the Default-Mode Network Is Correlated with Task Complexity and Subject Performance. Journal of Neuroscience, 2011, 31, 14521-14530.	3.6	192
2	Visual Grouping and the Focusing of Attention Induce Gamma-band Oscillations at Different Frequencies in Human Magnetoencephalogram Signals. Journal of Cognitive Neuroscience, 2006, 18, 1850-1862.	2.3	164
3	Category-Specific Visual Responses: An Intracranial Study Comparing Gamma, Beta, Alpha, and ERP Response Selectivity. Frontiers in Human Neuroscience, 2010, 4, 195.	2.0	105
4	Exploring the electrophysiological correlates of the default-mode network with intracerebral EEG. Frontiers in Systems Neuroscience, 2010, 4, 27.	2.5	101
5	How Silent Is Silent Reading? Intracerebral Evidence for Top-Down Activation of Temporal Voice Areas during Reading. Journal of Neuroscience, 2012, 32, 17554-17562.	3.6	87
6	Long-Distance Amplitude Correlations in the High Gamma Band Reveal Segregation and Integration within the Reading Network. Journal of Neuroscience, 2012, 32, 6421-6434.	3.6	68
7	Reading the mind's eye: Online detection of visuo-spatial working memory and visual imagery in the inferior temporal lobe. NeuroImage, 2012, 59, 872-879.	4.2	68
8	Activations of deep convolutional neural networks are aligned with gamma band activity of human visual cortex. Communications Biology, 2018, 1, 107.	4.4	65
9	Efficient â€œPop-Outâ€•Visual Search Elicits Sustained Broadband Gamma Activity in the Dorsal Attention Network. Journal of Neuroscience, 2012, 32, 3414-3421.	3.6	61
10	Temporal Components in the Parahippocampal Place Area Revealed by Human Intracerebral Recordings. Journal of Neuroscience, 2013, 33, 10123-10131.	3.6	44
11	Functional selectivity in the human occipitotemporal cortex during natural vision: Evidence from combined intracranial EEG and eye-tracking. NeuroImage, 2014, 95, 276-286.	4.2	37
12	Spanning the rich spectrum of the human brain: slow waves to gamma and beyond. Brain Structure and Function, 2011, 216, 77-84.	2.3	32
13	Neural repetition suppression in ventral occipito-temporal cortex occurs during conscious and unconscious processing of frequent stimuli. NeuroImage, 2014, 95, 129-135.	4.2	26
14	Direct Evidence for Two Different Neural Mechanisms for Reading Familiar and Unfamiliar Words: An Intra-Cerebral EEG Study. Frontiers in Human Neuroscience, 2011, 5, 101.	2.0	22
15	Dejerine's reading area revisited with intracranial EEG. Neurology, 2013, 80, 602-603.	1.1	22
16	Alpha-band suppression in the visual word form area as a functional bottleneck to consciousness. NeuroImage, 2013, 78, 33-45.	4.2	21
17	Effective Connectivity between Ventral Occipito-Temporal and Ventral Inferior Frontal Cortex during Lexico-Semantic Processing. A Dynamic Causal Modeling Study. Frontiers in Human Neuroscience, 2017, 11, 325.	2.0	18
18	Intracranial spectral amplitude dynamics of perceptual suppression in fronto-insular, occipito-temporal, and primary visual cortex. Frontiers in Psychology, 2014, 5, 1545.	2.1	13

#	Article	IF	Citations
19	Selective Neural Synchrony Suppression as a Forward Gatekeeper to Piecemeal Conscious Perception. Cerebral Cortex, 2016, 26, 3010-3022.	2.9	10
20	Neural dynamics of mindfulness meditation and hypnosis explored with intracranial EEG: A feasibility study. Neuroscience Letters, 2022, 766, 136345.	2.1	2
21	Identifying task-relevant spectral signatures of perceptual categorization in the human cortex. Scientific Reports, 2020, 10, 7870.	3.3	1