

# Adriã Tauste Campo

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

330  
citations

933447

10  
h-index

1058476

14  
g-index

41  
all docs

41  
docs citations

41  
times ranked

384  
citing authors

#	ARTICLE	IF	CITATIONS
1	Model-based whole-brain effective connectivity to study distributed cognition in health and disease. <i>Network Neuroscience</i> , 2020, 4, 338-373.	2.6	40
2	Task-driven intra- and interarea communications in primate cerebral cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4761-4766.	7.1	36
3	Feed-forward information and zero-lag synchronization in the sensory thalamocortical circuit are modulated during stimulus perception. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 7513-7522.	7.1	24
4	Bayesian $\chi^2$ Hypothesis Testing: The Meta-Converse and Verdan-Han Bounds Are Tight. <i>IEEE Transactions on Information Theory</i> , 2016, 62, 2324-2333.	2.4	23
5	Serotonin 5-HT1A, 5-HT2A and dopamine D2 receptors strongly influence prefronto-hippocampal neural networks in alert mice: Contribution to the actions of risperidone. <i>Neuropharmacology</i> , 2019, 158, 107743.	4.1	23
6	Nonparametric test for connectivity detection in multivariate autoregressive networks and application to multiunit activity data. <i>Network Neuroscience</i> , 2017, 1, 357-380.	2.6	17
7	The dynamics of human cognition: Increasing global integration coupled with decreasing segregation found using iEEG. <i>NeuroImage</i> , 2018, 172, 492-505.	4.2	16
8	Detection of recurrent activation patterns across focal seizures: Application to seizure onset zone identification. <i>Clinical Neurophysiology</i> , 2017, 128, 977-985.	1.5	14
9	Degenerate time-dependent network dynamics anticipate seizures in human epileptic brain. <i>PLoS Biology</i> , 2018, 16, e2002580.	5.6	13
10	Multi-Class Source-Channel Coding. <i>IEEE Transactions on Information Theory</i> , 2016, 62, 5093-5104.	2.4	11
11	Inferring directed networks using a rank-based connectivity measure. <i>Physical Review E</i> , 2019, 99, 012319.	2.1	11
12	Post-ictal atrial fibrillation detected during video-EEG monitoring: Case report, proposed physiopathologic mechanism and therapeutic considerations. <i>Epilepsy &amp; Behavior Case Reports</i> , 2017, 8, 40-43.	1.5	10
13	Source-channel coding with multiple classes. , 2014, , .		8
14	Low entropy map of brain oscillatory activity identifies spatially localized events: A new method for automated epilepsy focus prediction. <i>NeuroImage</i> , 2020, 208, 116410.	4.2	8
15	Random-coding joint source-channel bounds. , 2011, , .		7
16	A Derivation of the Source-Channel Error Exponent Using Nonidentical Product Distributions. <i>IEEE Transactions on Information Theory</i> , 2014, 60, 3209-3217.	2.4	7
17	Ictal spitting in non-dominant temporal lobe epilepsy: an anatomo-electrophysiological correlation. <i>Epileptic Disorders</i> , 2018, 20, 139-145.	1.3	7
18	Human hippocampal theta oscillations reflect sequential dependencies during spatial planning. <i>Cognitive Neuroscience</i> , 2020, 11, 122-131.	1.4	7

#	ARTICLE	IF	CITATIONS
19	Robustness of Random Network Coding to Interfering Sources. , 0, , .		6
20	Large-System Analysis of Multiuser Detection With an Unknown Number of Users: A High-SNR Approach. IEEE Transactions on Information Theory, 2011, 57, 3416-3428.	2.4	6
21	Whole network, temporal and parietal lobe contributions to the earliest phases of language production. Cortex, 2017, 95, 238-247.	2.4	5
22	Inferring neural information flow from spiking data. Computational and Structural Biotechnology Journal, 2020, 18, 2699-2708.	4.1	5
23	Large-System Analysis of Static Multiuser Detection with an Unknown Number of Users. , 2007, , .		4
24	Converse bounds for finite-length joint source-channel coding. , 2012, , .		4
25	On Random Network Coding for Multicast. , 2007, , .		3
26	High-SNR analysis of optimum multiuser detection with an unknown number of users. , 2009, , .		3
27	Achieving Csisz&#x00E1;r's source-channel coding exponent with product distributions. , 2012, , .		3
28	Large-system analysis of a CDMA dynamic channel under a Markovian input process. , 2008, , .		2
29	The meta-converse bound is tight. , 2013, , .		2
30	Large system analysis of iterative multiuser joint decoding with an uncertain number of users. , 2010, , .		1
31	Random coding bounds that attain the joint source-channel exponent. , 2012, , .		1
32	Low-complexity fixed-to-fixed joint source-channel coding. , 2014, , .		1
33	Asymptotic Capacity of Static Multiuser Channels Under Optimal User Identification and Data Detection. Wireless Personal Communications, 2011, 58, 409-419.	2.7	0
34	Causal correlation paths across cortical areas in decision making. BMC Neuroscience, 2014, 15, .	1.9	0