Jessica Schrouff

List of Publications by Year
in descending order

20 papers	1,375 citations	471509 17 h-index	839539 18 g-index
21 all docs	21 docs citations	21 times ranked	2767 citing authors

#	ARTICLE	IF	CITATIONS
1	PRoNTo: Pattern Recognition for Neuroimaging Toolbox. Neuroinformatics, 2013, 11, 319-337.	2.8	367
2	Brain functional integration decreases during propofol-induced loss of consciousness. NeuroImage, 2011, 57, 198-205.	4.2	239
3	Biased binomial assessment of cross-validated estimation of classification accuracies illustrated in diagnosis predictions. NeuroImage: Clinical, 2014, 4, 687-694.	2.7	112
4	Intracranial Electrophysiology Reveals Reproducible Intrinsic Functional Connectivity within Human Brain Networks. Journal of Neuroscience, 2018, 38, 4230-4242.	3.6	98
5	Multiclass classification of FDG PET scans for the distinction between Parkinson's disease and atypical parkinsonian syndromes. NeuroImage: Clinical, 2013, 2, 883-893.	2.7	71
6	Mapping human temporal and parietal neuronal population activity and functional coupling during mathematical cognition. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E7277-E7286.	7.1	68
7	Cross-Modal Decoding of Neural Patterns Associated with Working Memory: Evidence for Attention-Based Accounts of Working Memory. Cerebral Cortex, 2016, 26, 166-179.	2.9	63
8	Embedding Anatomical or Functional Knowledge in Whole-Brain Multiple Kernel Learning Models. Neuroinformatics, 2018, 16, 117-143.	2.8	58
9	fMRI Artefact Rejection and Sleep Scoring Toolbox. Computational Intelligence and Neuroscience, 2011, 2011, 1-11.	1.7	47
10	Correlation between resting state <scp>fMRI</scp> total neuronal activity and <scp>PET</scp> metabolism in healthy controls and patients with disorders of consciousness. Brain and Behavior, 2016, 6, e00424.	2.2	40
11	Gender bias in (neuro)science: Facts, consequences, and solutions. European Journal of Neuroscience, 2019, 50, 3094-3100.	2.6	34
12	Decoding intracranial EEG data with multiple kernel learning method. Journal of Neuroscience Methods, 2016, 261, 19-28.	2.5	33
13	Concurrent Synaptic and Systems Memory Consolidation during Sleep. Journal of Neuroscience, 2013, 33, 10182-10190.	3.6	28
14	Fast temporal dynamics and causal relevance of face processing in the human temporal cortex. Nature Communications, 2020, 11, 656.	12.8	28
15	Experienceâ€dependent induction of hypnagogic images during daytime naps: a combined behavioural and EEG study. Journal of Sleep Research, 2012, 21, 10-20.	3.2	27
16	Predicting anxiety from wholebrain activity patterns to emotional faces in young adults: a machine learning approach. NeuroImage: Clinical, 2019, 23, 101813.	2.7	26
17	Decoding Semi-Constrained Brain Activity from fMRI Using Support Vector Machines and Gaussian Processes. PLoS ONE, 2012, 7, e35860.	2.5	23
18	Assessing Steady-State, Multivariate Experimental Data Using Gaussian Processes: The GPExp Open-Source Library. Energies, 2016, 9, 423.	3.1	7

#	Article	IF	Citations
19	Decoding Spontaneous Brain Activity from fMRI Using Gaussian Processes: Tracking Brain Reactivation. , 2012, , .		2
20	Multivariate Pattern Recognition Analysis: Brain Decoding. , 2012, , 35-43.		2