Alan Tucholka

List of Publications by Year in descending order

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23 papers	1,330 citations	471061 17 h-index	642321 23 g-index
25 all docs	25 docs citations	25 times ranked	2769 citing authors

#	Article	IF	Citations
1	Prefrontal cortex and amygdala anatomy in youth with persistent levels of harsh parenting practices and subclinical anxiety symptoms over time during childhood. Development and Psychopathology, 2021, , 1-12.	1.4	10
2	Longitudinal structural cerebral changes related to core CSF biomarkers in preclinical Alzheimer's disease: A study of two independent datasets. NeuroImage: Clinical, 2018, 19, 190-201.	1.4	16
3	Structural Connectivity Alterations Along the Alzheimerâ€™s Disease Continuum: Reproducibility Across Two Independent Samples and Correlation with Cerebrospinal Fluid Amyloid-Î² and Tau. Journal of Alzheimer's Disease, 2018, 61, 1575-1587.	1.2	25
4	Higher prevalence of cerebral white matter hyperintensities in homozygous APOE-É›4 allele carriers aged 45â€“75: Results from the ALFA study. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 250-261.	2.4	29
5	Cortical thickness analysis in operculo-insular epilepsy. NeuroImage: Clinical, 2018, 19, 727-733.	1.4	7
6	MRI-Based Screening of Preclinical Alzheimerâ€™s Disease for Prevention Clinical Trials. Journal of Alzheimer's Disease, 2018, 64, 1099-1112.	1.2	18
7	Subcortical structural connectivity of insular subregions. Scientific Reports, 2018, 8, 8596.	1.6	124
8	The Corticocortical Structural Connectivity of the Human Insula. Cerebral Cortex, 2017, 27, 1216-1228.	1.6	210
9	The APOE Îµ4 genotype modulates CSF YKLâ€40 levels and their structural brain correlates in the continuum of Alzheimer's disease but not those of sTREM2. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2017, 6, 50-59.	1.2	36
10	Reversing the Atypical Valuation of Drug and Nondrug Rewards in Smokers Using Multimodal Neuroimaging. Biological Psychiatry, 2017, 82, 819-827.	0.7	33
11	Sub-cortical brain morphometry and its relationship with cognition in rolandic epilepsy. Epilepsy Research, 2017, 138, 39-45.	0.8	17
12	A whole-brain computational modeling approach to explain the alterations in resting-state functional connectivity during progression of Alzheimer's disease. NeuroImage: Clinical, 2017, 16, 343-354.	1.4	73
13	Statistical shape analysis of subcortical structures using spectral matching. Computerized Medical Imaging and Graphics, 2016, 52, 58-71.	3.5	13
14	MRI pallidal signal in children exposed to manganese in drinking water. NeuroToxicology, 2016, 53, 124-131.	1.4	32
15	Cerebrospinal fluid sTREM2 levels are associated with gray matter volume increases and reduced diffusivity in early Alzheimer's disease. Alzheimer's and Dementia, 2016, 12, 1259-1272.	0.4	86
16	CSF YKL-40 and pTau181 are related to different cerebral morphometric patterns in early AD. Neurobiology of Aging, 2016, 38, 47-55.	1.5	54
17	Multisite evaluations of a T 2 â€relaxationâ€underâ€spinâ€tagging (TRUST) MRI technique to measure brain oxygenation. Magnetic Resonance in Medicine, 2016, 75, 680-687.	1.9	42
18	Altered structural connectivity of cortico-striato-pallido-thalamic networks in Gilles de la Tourette syndrome. Brain, 2015, 138, 472-482.	3.7	184

#	Article	IF	Citations
19	Nonlinear cerebral atrophy patterns across the Alzheimer's disease continuum: impact of APOE4 genotype. Neurobiology of Aging, 2015, 36, 2687-2701.	1.5	46
20	Emotional face processing in post-traumatic stress disorder after reconsolidation impairment using propranolol: A pilot fMRI study. Journal of Anxiety Disorders, 2015, 36, 127-133.	1.5	25
21	Neurofeedback Training Induces Changes in White and Gray Matter. Clinical EEG and Neuroscience, 2013, 44, 265-272.	0.9	128
22	An empirical comparison of surface-based and volume-based group studies in neuroimaging. NeuroImage, 2012, 63, 1443-1453.	2.1	76
23	Structural Analysis of fMRI Data Revisited: Improving the Sensitivity and Reliability of fMRI Group Studies. IEEE Transactions on Medical Imaging, 2007, 26, 1256-1269.	5.4	46