

Alan Tucholka

List of Publications by Year in descending order

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Version: 2024-02-01

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	The Corticocortical Structural Connectivity of the Human Insula. <i>Cerebral Cortex</i> , 2017, 27, 1216-1228.	1.6	210
2	Altered structural connectivity of cortico-striato-pallido-thalamic networks in Gilles de la Tourette syndrome. <i>Brain</i> , 2015, 138, 472-482.	3.7	184
3	Neurofeedback Training Induces Changes in White and Gray Matter. <i>Clinical EEG and Neuroscience</i> , 2013, 44, 265-272.	0.9	128
4	Subcortical structural connectivity of insular subregions. <i>Scientific Reports</i> , 2018, 8, 8596.	1.6	124
5	Cerebrospinal fluid sTREM2 levels are associated with gray matter volume increases and reduced diffusivity in early Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2016, 12, 1259-1272.	0.4	86
6	An empirical comparison of surface-based and volume-based group studies in neuroimaging. <i>NeuroImage</i> , 2012, 63, 1443-1453.	2.1	76
7	A whole-brain computational modeling approach to explain the alterations in resting-state functional connectivity during progression of Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2017, 16, 343-354.	1.4	73
8	CSF YKL-40 and pTau181 are related to different cerebral morphometric patterns in early AD. <i>Neurobiology of Aging</i> , 2016, 38, 47-55.	1.5	54
9	Structural Analysis of fMRI Data Revisited: Improving the Sensitivity and Reliability of fMRI Group Studies. <i>IEEE Transactions on Medical Imaging</i> , 2007, 26, 1256-1269.	5.4	46
10	Nonlinear cerebral atrophy patterns across the Alzheimer's disease continuum: impact of APOE4 genotype. <i>Neurobiology of Aging</i> , 2015, 36, 2687-2701.	1.5	46
11	Multisite evaluations of a T2 relaxation-under-spin-tagging (TRUST) MRI technique to measure brain oxygenation. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 680-687.	1.9	42
12	The APOE ϵ 4 genotype modulates CSF YKL-40 levels and their structural brain correlates in the continuum of Alzheimer's disease but not those of sTREM2. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2017, 6, 50-59.	1.2	36
13	Reversing the Atypical Valuation of Drug and Nondrug Rewards in Smokers Using Multimodal Neuroimaging. <i>Biological Psychiatry</i> , 2017, 82, 819-827.	0.7	33
14	MRI pallidal signal in children exposed to manganese in drinking water. <i>NeuroToxicology</i> , 2016, 53, 124-131.	1.4	32
15	Higher prevalence of cerebral white matter hyperintensities in homozygous APOE ϵ 4 allele carriers aged 45-75: Results from the ALFA study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 250-261.	2.4	29
16	Emotional face processing in post-traumatic stress disorder after reconsolidation impairment using propranolol: A pilot fMRI study. <i>Journal of Anxiety Disorders</i> , 2015, 36, 127-133.	1.5	25
17	Structural Connectivity Alterations Along the Alzheimer's Disease Continuum: Reproducibility Across Two Independent Samples and Correlation with Cerebrospinal Fluid Amyloid- β and Tau. <i>Journal of Alzheimer's Disease</i> , 2018, 61, 1575-1587.	1.2	25
18	MRI-Based Screening of Preclinical Alzheimer's Disease for Prevention Clinical Trials. <i>Journal of Alzheimer's Disease</i> , 2018, 64, 1099-1112.	1.2	18

#	ARTICLE	IF	CITATIONS
19	Sub-cortical brain morphometry and its relationship with cognition in rolandic epilepsy. <i>Epilepsy Research</i> , 2017, 138, 39-45.	0.8	17
20	Longitudinal structural cerebral changes related to core CSF biomarkers in preclinical Alzheimer's disease: A study of two independent datasets. <i>NeuroImage: Clinical</i> , 2018, 19, 190-201.	1.4	16
21	Statistical shape analysis of subcortical structures using spectral matching. <i>Computerized Medical Imaging and Graphics</i> , 2016, 52, 58-71.	3.5	13
22	Prefrontal cortex and amygdala anatomy in youth with persistent levels of harsh parenting practices and subclinical anxiety symptoms over time during childhood. <i>Development and Psychopathology</i> , 2021, , 1-12.	1.4	10
23	Cortical thickness analysis in operculo-insular epilepsy. <i>NeuroImage: Clinical</i> , 2018, 19, 727-733.	1.4	7