Tyler Blazey

List of Publications by Year
in descending order

38 papers	**1,084** citations	840776 **11** h-index	996975 **15** g-index
50 all docs	**50** docs citations	**50** times ranked	**2416** citing authors

#	Article	IF	Citations
1	Multi‐band echo‐planar spectroscopic imaging of hyperpolarized ^{13}C probes in a compact preclinical PET/MR scanner. Magnetic Resonance in Medicine, 2022, 87, 2120-2129.	3.0	1
2	Comparison of hyperpolarized ^{13}C and non‐hyperpolarized deuterium MRI approaches for imaging cerebral glucose metabolism at 4.7 T. Magnetic Resonance in Medicine, 2021, 85, 1795-1804.	3.0	20
3	^{15}N‐carnitine, a novel endogenous hyperpolarized MRI probe with long signal lifetime. Magnetic Resonance in Medicine, 2021, 85, 1814-1820.	3.0	11
4	Metabolite-Specific Echo-Planar Imaging of Hyperpolarized [1-13C]Pyruvate at 4.7 T. Tomography, 2021, 7, 466-476.	1.8	2
5	Quantification of white matter cellularity and damage in preclinical and early symptomatic Alzheimer's disease. NeuroImage: Clinical, 2019, 22, 101767.	2.7	41
6	Quantitative positron emission tomography reveals regional differences in aerobic glycolysis within the human brain. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 2096-2102.	4.3	13
7	IC‐P‐204: THE RELATIONSHIP BETWEEN TAU PET AND OTHER AD BIOMARKERS IN AUTOSOMAL DOMINANT ALZHEIMER DISEASE. Alzheimer's and Dementia, 2018, 14, P167.	0.8	1
8	P1‐390: VOLUMETRIC‐BASED DIAGNOSIS OF ALZHEIMER'S DISEASE USING A SUPER‐NORMAL COHORT OF AGING. Alzheimer's and Dementia, 2018, 14, P451.	0.8	0
9	A systematic meta-analysis of oxygen-to-glucose and oxygen-to-carbohydrate ratios in the resting human brain. PLoS ONE, 2018, 13, e0204242.	2.5	13
10	[IC‐P‐057]: CLINICAL RISK RELATED TO CEREBRAL MICROHEMORRHAGES IN AUTOSOMAL DOMINANT ALZHEIMER's DISEASE: LONGITUDINAL RESULTS FROM THE DIAN STUDY. Alzheimer's and Dementia, 2017, 13, P47.	0.8	0
11	[P2‐372]: UTILITY OF PERFUSION PET MODELS AS MEASURES OF NEURODEGENERATION IN AN AUTOSOMAL DOMINANT ALZHEIMER's DISEASE POPULATION: REPORT FROM THE DIAN STUDY. Alzheimer's and Dementia, 2017, 13, P768.	0.8	0
12	[P1‐008]: RELATIONSHIP BETWEEN TAU POSITRON EMISSION TOMOGRAPHY WITH [18F]‐AV‐1451 AND LONGITUDINAL CORTICAL ATROPHY IN ALZHEIMER DISEASE. Alzheimer's and Dementia, 2017, 13, P233.	0.8	0
13	[IC‐P‐054]: EXAMINING LONGITUDINAL NEUROIMAGING PATTERNS IN AUTOSOMAL DOMINANT ALZHEIMER DISEASE: RESULTS FROM THE DOMINANTLY INHERITED ALZHEIMER NETWORK. Alzheimer's and Dementia, 2017, 13, P44.	0.8	0
14	[IC‐P‐061]: APOE4 EFFECT ON LONGITUDINAL VOLUMETRICS AND PIB ACCUMULATION IN PRECLINICAL ALZHEIMER DISEASE. Alzheimer's and Dementia, 2017, 13, P50.	0.8	0
15	[IC‐P‐166]: UTILITY OF PERFUSION PET MODELS AS MEASURE OF NEURODEGENERATION IN AN AUTOSOMAL DOMINANT ALZHEIMER's DISEASE POPULATION: REPORT FROM THE DIAN STUDY. Alzheimer's and Dementia, 2017, 13, P125.	0.8	0
16	[IC‐02‐02]: RELATIONSHIP BETWEEN TAU POSITRON EMISSION TOMOGRAPHY WITH [18F]‐AV‐1451 AND LONGITUDINAL CORTICAL ATROPHY IN ALZHEIMER DISEASE. Alzheimer's and Dementia, 2017, 13, P4.	0.8	0
17	[P1‐422]: RELATIONSHIP BETWEEN TAU POSITRON EMISSION TOMOGRAPHY WITH [18F]‐AV‐1451 AND LONGITUDINAL CORTICAL ATROPHY IN ALZHEIMER DISEASE. Alzheimer's and Dementia, 2017, 13, P440.	0.8	0
18	[P2‐345]: APOE4 EFFECT ON LONGITUDINAL VOLUMETRICS AND PIB ACCUMULATION IN PRECLINICAL ALZHEIMER DISEASE. Alzheimer's and Dementia, 2017, 13, P754.	0.8	0

#	Article	IF	Citations
19	[O1–02–03]: EXAMINING LONGITUDINAL NEUROIMAGING PATTERNS IN AUTOSOMAL DOMINANT ALZHEIMER DISEASE: FINDINGS FROM THE DOMINANTLY INHERITED ALZHEIMER NETWORK. Alzheimer's and Dementia, 2017, 13, P186.	0.8	0
20	[O1–02–04]: CLINICAL RISK RELATED TO CEREBRAL MICROHEMORRHAGES IN AUTOSOMAL DOMINANT ALZHEIMER's DISEASE: LONGITUDINAL RESULTS FROM THE DIAN STUDY. Alzheimer's and Dementia, 2017, 13, P186.	0.8	0
21	Longitudinal β-Amyloid Deposition and Hippocampal Volume in Preclinical Alzheimer Disease and Suspected Non–Alzheimer Disease Pathophysiology. JAMA Neurology, 2016, 73, 1192.	9.0	77
22	The relationship between cerebrospinal fluid markers of Alzheimer pathology and positron emission tomography tau imaging. Brain, 2016, 139, 2249-2260.	7.6	150
23	O1-01-06: Correlation between ASL and o-15 water PET in the adult children study. , 2015, 11, P126-P126.		0
24	P2-138: Early frame of PiB and FDG in autosomal dominant Alzheimer's disease: Similarity, discrepancy, and clinical implication. , 2015, 11, P538-P538.		0
25	IC-P-052: Comparison of cerebral glucose metabolism 18 F-FDG, early frames of 11 C-PIB, and cerebral blood flow 15 O-H2 O in autosomal dominant Alzheimer's disease. , 2015, 11, P41-P41.		0
26	P3-175: The ilp: A new tool for evaluating preclinical Alzheimer's disease using volumetric MRI in a single participant. , 2015, 11, P697-P697.		0
27	IC-P-100: The ILP: A new tool for evaluating preclinical Alzheimer's disease using volumetric MRI in a single participant. , 2015, 11, P68-P68.		1
28	IC-03-02: Early frame of PiB and FDG in autosomal dominant Alzheimer's disease: Similarity, discrepancy, and clinical implication. , 2015, 11, P8-P9.		0
29	Lag threads organize the brain's intrinsic activity. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2235-44.	7.1	168
30	P3-132: Comparison of cerebral glucose metabolism 18 F-FDG, early frames of 11 C-PiB, and cerebral blood flow 15 O-H2 O in autosomal dominant Alzheimer's disease. , 2015, 11, P674-P674.		0
31	P2-154: Patterns of tau binding in T807-PET imaging. , 2015, 11, P546-P546.		0
32	Task-evoked fMRI changes in attention networks are associated with preclinical Alzheimer's disease biomarkers. Neurobiology of Aging, 2015, 36, 1771-1779.	3.1	36
33	Regional variability in Alzheimer's disease biomarkers. Future Neurology, 2014, 9, 131-134.	0.5	6
34	IC-P-060: REVEALING WHITE MATTER ABNORMALITY BY DIFFUSION TENSOR MAGNETIC RESONANCE IMAGING BEFORE THE ONSET OF DEMENTIA IN ALZHEIMER DISEASE. , 2014, 10, P34-P34.		0
35	Effects of Aging and Alzheimer's Disease Along the Longitudinal Axis of the Hippocampus. Journal of Alzheimer's Disease, 2013, 37, 41-50.	2.6	32
36	IC-O2-01: How do we define amyloid positivity in an asymptomatic population? Comparison of CSF, quantitative PET and clinical PET examinations. , 2013, 9, P6-P6.		0

#	Article	IF	Citations
37	Regional variability of imaging biomarkers in autosomal dominant Alzheimer's disease. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4502-9.	7.1	309
38	Increased in Vivo Amyloid-β42 Production, Exchange, and Loss in Presenilin Mutation Carriers. Science Translational Medicine, 2013, 5, 189ra77.	12.4	196