

# Arthur W Toga

## List of Publications by Year in descending order

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Version: 2024-02-01

268  
papers

33,378  
citations

15880

67  
h-index

5244

171  
g-index

298  
all docs

298  
docs citations

298  
times ranked

39612  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aberrant functional connectivity between reward and inhibitory control networks in pre-adolescent binge eating disorder. <i>Psychological Medicine</i> , 2023, 53, 3869-3878.	2.7	10
2	Mapping frontoinsula cortex from diffusion microstructure. <i>Cerebral Cortex</i> , 2023, 33, 2715-2733.	1.6	4
3	A blood screening tool for detecting mild cognitive impairment and Alzheimer's disease among community-dwelling Mexican Americans and non-Hispanic Whites: A method for increasing representation of diverse populations in clinical research. <i>Alzheimer's and Dementia</i> , 2022, 18, 77-87.	0.4	21
4	Characterizing plasma NfL in a community-dwelling multi-ethnic cohort: Results from the HABLE study. <i>Alzheimer's and Dementia</i> , 2022, 18, 240-250.	0.4	39
5	Using the Alzheimer's Disease Neuroimaging Initiative to improve early detection, diagnosis, and treatment of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2022, 18, 824-857.	0.4	56
6	Mapping Complex Brain Torque Components and Their Genetic Architecture and Phenomic Associations in 24,112 Individuals. <i>Biological Psychiatry</i> , 2022, 91, 753-768.	0.7	9
7	Sharing of Alzheimer's Disease Research Data in the Global Alzheimer's Association Interactive Network. , 2022, , 395-403.		1
8	Proteomic Profiles of Neurodegeneration Among Mexican Americans and Non-Hispanic Whites in the HABS-HD Study. <i>Journal of Alzheimer's Disease</i> , 2022, 86, 1243-1254.	1.2	6
9	Regional gray matter abnormalities in pre-adolescent binge eating disorder: A voxel-based morphometry study. <i>Psychiatry Research</i> , 2022, 310, 114473.	1.7	9
10	The Link between APOE4 Presence and Neuropsychological Test Performance among Mexican Americans and Non-Hispanic Whites of the Multiethnic Health & Aging Brain Study Health Disparities Cohort. <i>Dementia and Geriatric Cognitive Disorders</i> , 2022, 51, 26-31.	0.7	7
11	Imaging subtle leaks in the blood-brain barrier in the aging human brain: potential pitfalls, challenges, and possible solutions. <i>GeroScience</i> , 2022, 44, 1339-1351.	2.1	17
12	Autosomal dominant and sporadic late onset Alzheimer's disease share a common in vivo pathophysiology. <i>Brain</i> , 2022, 145, 3594-3607.	3.7	20
13	Body mass index, time of day and genetics affect perivascular spaces in the white matter. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1563-1578.	2.4	57
14	Late-Life Depression Is Associated With Reduced Cortical Amyloid Burden: Findings From the Alzheimer's Disease Neuroimaging Initiative Depression Project. <i>Biological Psychiatry</i> , 2021, 89, 757-765.	0.7	41
15	The effect of body mass index on hippocampal morphology and memory performance in late childhood and adolescence. <i>Hippocampus</i> , 2021, 31, 189-200.	0.9	10
16	Neuroimaging PheWAS (Phenome-Wide Association Study): A Free Cloud-Computing Platform for Big-Data, Brain-Wide Imaging Association Studies. <i>Neuroinformatics</i> , 2021, 19, 285-303.	1.5	7
17	Tractography Processing with the Sparse Closest Point Transform. <i>Neuroinformatics</i> , 2021, 19, 367-378.	1.5	3
18	Global and Regional Changes in Perivascular Space in Idiopathic and Familial Parkinson's Disease. <i>Movement Disorders</i> , 2021, 36, 1126-1136.	2.2	49

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19	Perivascular Space Imaging at Ultrahigh Field MR Imaging. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2021, 29, 67-75.	0.6	19
20	Selective morphological and volumetric alterations in the hippocampus of children exposed in utero to gestational diabetes mellitus. <i>Human Brain Mapping</i> , 2021, 42, 2583-2592.	1.9	15
21	Robust Cortical Thickness Morphometry of Neonatal Brain and Systematic Evaluation Using Multi-Site MRI Datasets. <i>Frontiers in Neuroscience</i> , 2021, 15, 650082.	1.4	10
22	Volumetric distribution of perivascular space in relation to mild cognitive impairment. <i>Neurobiology of Aging</i> , 2021, 99, 28-43.	1.5	45
23	Retrospective motion artifact correction of structural MRI images using deep learning improves the quality of cortical surface reconstructions. <i>NeuroImage</i> , 2021, 230, 117756.	2.1	39
24	The Impact of Amyloid Burden and APOE on Rates of Cognitive Impairment in Late Life Depression. <i>Journal of Alzheimer's Disease</i> , 2021, 80, 991-1002.	1.2	9
25	Frontoinsular cortical microstructure is linked to life satisfaction in young adulthood. <i>Brain Imaging and Behavior</i> , 2021, 15, 2775-2789.	1.1	7
26	Longitudinal Analysis of Multiple Neurotransmitter Metabolites in Cerebrospinal Fluid in Early Parkinson's Disease. <i>Movement Disorders</i> , 2021, 36, 1972-1978.	2.2	10
27	Three-dimensional self-attention conditional GAN with spectral normalization for multimodal neuroimaging synthesis. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 1718-1733.	1.9	28
28	The Longitudinal Early-onset Alzheimer's Disease Study (LEADS): Framework and methodology. <i>Alzheimer's and Dementia</i> , 2021, 17, 2043-2055.	0.4	34
29	Morphological Development Trajectory and Structural Covariance Network of the Human Fetal Cortical Plate during the Early Second Trimester. <i>Cerebral Cortex</i> , 2021, 31, 4794-4807.	1.6	12
30	Early neuroinflammation is associated with lower amyloid and tau levels in cognitively normal older adults. <i>Brain, Behavior, and Immunity</i> , 2021, 94, 299-307.	2.0	19
31	A systematic review of next-generation point-of-care stroke diagnostic technologies. <i>Neurosurgical Focus</i> , 2021, 51, E11.	1.0	8
32	Transcranial eddy current damping sensors for detection and imaging of hemorrhagic stroke: feasibility in benchtop experimentation. <i>Neurosurgical Focus</i> , 2021, 51, E15.	1.0	3
33	Accelerated functional brain aging in pre-clinical familial Alzheimer's disease. <i>Nature Communications</i> , 2021, 12, 5346.	5.8	43
34	Improving brain age estimates with deep learning leads to identification of novel genetic factors associated with brain aging. <i>Neurobiology of Aging</i> , 2021, 105, 199-204.	1.5	16
35	Using Fractional Anisotropy Imaging to Detect Mild Cognitive Impairment and Alzheimer's Disease among Mexican Americans and Non-Hispanic Whites: A HABLE Study. <i>Dementia and Geriatric Cognitive Disorders</i> , 2021, 50, 266-273.	0.7	7
36	Tractography dissection variability: What happens when 42 groups dissect 14 white matter bundles on the same dataset?. <i>NeuroImage</i> , 2021, 243, 118502.	2.1	94

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37	The Health & Aging Brain among Latino Elders (HABLE) study methods and participant characteristics. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12202.	1.2	36
38	MRI biomarkers of small vessel disease and cognition: A cross-sectional study of a cognitively normal Mexican American cohort. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12236.	1.2	2
39	RNA sequencing of whole blood reveals early alterations in immune cells and gene expression in Parkinson's disease. <i>Nature Aging</i> , 2021, 1, 734-747.	5.3	18
40	Laminar perfusion imaging with zoomed arterial spin labeling at 7 Tesla. <i>NeuroImage</i> , 2021, 245, 118724.	2.1	11
41	Augmenting Alzheimer's Research: Scholar. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
42	Gearing up for the future: Exploring facilitators and barriers to inform clinical trial design in frontotemporal lobar degeneration. <i>Alzheimer's and Dementia</i> , 2021, 17, e052495.	0.4	0
43	Differential correlation of white matter hyperintensity with Alzheimer's pathology within A/T groups. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
44	The relationship between blood-brain barrier permeability and cerebral blood flow in cognitive impairment. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
45	Utility of combined plasma amyloid beta 40, amyloid beta 42, total tau, and NFL along with a measure of cognitive functioning in detecting cognitive impairment among Hispanic, Mexican Americans compared to non-Hispanic whites. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
46	Cognitive, neuropsychiatric and imaging comparisons between early-onset and late-onset Alzheimer's disease participants from LEADS and ADNI3. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
47	Clinical value of CSF tau, p-tau181, neurogranin and neurofilaments in familial frontotemporal lobar degeneration. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
48	Distribution and volume analysis of early hemorrhagic contusions by MRI after traumatic brain injury: a preliminary report of the Epilepsy Bioinformatics Study for Antiepileptogenic Therapy (EpiBioS4Rx). <i>Brain Imaging and Behavior</i> , 2021, 15, 2804-2812.	1.1	2
49	Meta-analytic comparison of risk factors for mild cognitive impairment and Alzheimer's disease between Hispanic and non-Hispanic White subjects. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
50	Imputation Strategy for Reliable Regional MRI Morphological Measurements. <i>Neuroinformatics</i> , 2020, 18, 59-70.	1.5	13
51	Clinical and dopamine transporter imaging characteristics of non-manifest LRRK2 and GBA mutation carriers in the Parkinson's Progression Markers Initiative (PPMI): a cross-sectional study. <i>Lancet Neurology</i> , The, 2020, 19, 71-80.	4.9	94
52	Interaction effect of alcohol consumption and Alzheimer disease polygenic risk score on the brain cortical thickness of cognitively normal subjects. <i>Alcohol</i> , 2020, 85, 1-12.	0.8	11
53	Morphometric development of the human fetal cerebellum during the early second trimester. <i>NeuroImage</i> , 2020, 207, 116372.	2.1	15
54	Associations between Vascular Function and Tau PET Are Associated with Global Cognition and Amyloid. <i>Journal of Neuroscience</i> , 2020, 40, 8573-8586.	1.7	60

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55	Disruption and Compensation of Sulcation-based Covariance Networks in Neonatal Brain Growth after Perinatal Injury. <i>Cerebral Cortex</i> , 2020, 30, 6238-6253.	1.6	19
56	The connections of the insular VEN area in great apes: A histologically-guided ex vivo diffusion tractography study. <i>Progress in Neurobiology</i> , 2020, 195, 101941.	2.8	7
57	Early brain biomarkers of post-traumatic seizures: initial report of the multicentre epilepsy bioinformatics study for antiepileptogenic therapy (EpiBioS4Rx) prospective study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 1154-1157.	0.9	18
58	Compressive Big Data Analytics: An ensemble meta-algorithm for high-dimensional multisource datasets. <i>PLoS ONE</i> , 2020, 15, e0228520.	1.1	5
59	Validation of Serum Neurofilament Light Chain as a Biomarker of Parkinson's Disease Progression. <i>Movement Disorders</i> , 2020, 35, 1999-2008.	2.2	104
60	Multiplex Networks to Characterize Seizure Development in Traumatic Brain Injury Patients. <i>Frontiers in Neuroscience</i> , 2020, 14, 591662.	1.4	9
61	Investigating neural correlates of mild cognitive impairment using estimated clinical status from neuropsychological test battery: LASI. <i>Alzheimer's and Dementia</i> , 2020, 16, e038440.	0.4	0
62	Amyloid and tau PET in sporadic early-onset Alzheimer's disease: Preliminary results from LEADS. <i>Alzheimer's and Dementia</i> , 2020, 16, e041613.	0.4	2
63	Intracellular signal changes in the anterosuperior medial temporal lobe associated with early cognitive decline. <i>Alzheimer's and Dementia</i> , 2020, 16, e044218.	0.4	0
64	Relationships between cerebrovascular health and tau PET uptake are associated with global cognition. <i>Alzheimer's and Dementia</i> , 2020, 16, e045326.	0.4	0
65	Studying the natural history of frontotemporal lobar degeneration (FTLD): The ARTFL LEFFTDS longitudinal FTLD (ALLFTD) protocol. <i>Alzheimer's and Dementia</i> , 2020, 16, e045482.	0.4	0
66	Increased white matter MRI T1 hypointensity volume in young-onset Alzheimer's disease patients is not accounted for by age or cardiovascular risk factors. <i>Alzheimer's and Dementia</i> , 2020, 16, e045577.	0.4	0
67	Alteration of perivascular spaces in early cognitive decline. <i>Alzheimer's and Dementia</i> , 2020, 16, e045605.	0.4	2
68	Neurodegeneration in the Longitudinal Evaluation of Early Onset Alzheimer's Disease Study (LEADS) sample: Results from the MRI core. <i>Alzheimer's and Dementia</i> , 2020, 16, e046338.	0.4	0
69	Sex-associated differences in pathology burden in early-onset Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e046532.	0.4	2
70	THC Exposure is Reflected in the Microstructure of the Cerebral Cortex and Amygdala of Young Adults. <i>Cerebral Cortex</i> , 2020, 30, 4949-4963.	1.6	7
71	Reinforcement Tractography: A Hybrid Approach for Robust Segmentation of Complex Fiber Bundles. , 2020, , .		5
72	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	6.0	450

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73	Magnitude and timing of major white matter tract maturation from infancy through adolescence with NODDI. <i>NeuroImage</i> , 2020, 212, 116672.	2.1	58
74	Clinical and Dopamine Transporter Imaging Characteristics of Leucine Rich Repeat Kinase 2 (LRRK2) and Glucosylceramidase Beta (GBA) Parkinson's Disease Participants in the Parkinson's Progression Markers Initiative: A Cross-sectional Study. <i>Movement Disorders</i> , 2020, 35, 833-844.	2.2	48
75	Fox Insight collects online, longitudinal patient-reported outcomes and genetic data on Parkinson's disease. <i>Scientific Data</i> , 2020, 7, 67.	2.4	60
76	Association of relative brain age with tobacco smoking, alcohol consumption, and genetic variants. <i>Scientific Reports</i> , 2020, 10, 10.	1.6	121
77	APOE4 leads to blood-brain barrier dysfunction predicting cognitive decline. <i>Nature</i> , 2020, 581, 71-76.	13.7	705
78	A novel sensitive assay for detection of a biomarker of pericyte injury in cerebrospinal fluid. <i>Alzheimer's and Dementia</i> , 2020, 16, 821-830.	0.4	43
79	Parity is associated with cognitive function and brain age in both females and males. <i>Scientific Reports</i> , 2020, 10, 6100.	1.6	41
80	Identification of Dysregulated Genes for Late-Onset Alzheimer's Disease Using Gene Expression Data in Brain. , 2020, 10, .		0
81	Big data sharing and analysis to advance research in post-traumatic epilepsy. <i>Neurobiology of Disease</i> , 2019, 123, 127-136.	2.1	20
82	Using Virtual Reality to Improve Performance and User Experience in Manual Correction of MRI Segmentation Errors by Non-experts. <i>Journal of Digital Imaging</i> , 2019, 32, 97-104.	1.6	8
83	Signal Hyperintensity on Unenhanced T1-Weighted Brain and Cervical Spinal Cord MR Images after Multiple Doses of Linear Gadolinium-Based Contrast Agent. <i>American Journal of Neuroradiology</i> , 2019, 40, 1274-1281.	1.2	7
84	Imaging biomarkers of posttraumatic epileptogenesis. <i>Epilepsia</i> , 2019, 60, 2151-2162.	2.6	25
85	Image processing approaches to enhance perivascular space visibility and quantification using MRI. <i>Scientific Reports</i> , 2019, 9, 12351.	1.6	67
86	The LONI QC System: A Semi-Automated, Web-Based and Freely-Available Environment for the Comprehensive Quality Control of Neuroimaging Data. <i>Frontiers in Neuroinformatics</i> , 2019, 13, 60.	1.3	34
87	Random Forest Regression Combined with MRI Brain Morphometry Predicts Surgical Outcome of Cochlear Implantation. , 2019, , .		1
88	A Skeleton and Deformation Based Model for Neonatal Pial Surface Reconstruction in Preterm Newborns. , 2019, , .		9
89	A Machine Learning Model to Predict Seizure Susceptibility from Resting-State fMRI Connectivity. , 2019, , .		17
90	Characterization of lenticulostriate arteries with high resolution black-blood T1-weighted turbo spin echo with variable flip angles at 3 and 7-Tesla. <i>NeuroImage</i> , 2019, 199, 184-193.	2.1	24

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91	Perivascular space fluid contributes to diffusion tensor imaging changes in white matter. <i>NeuroImage</i> , 2019, 197, 243-254.	2.1	62
92	Nonparenchymal fluid is the source of increased mean diffusivity in preclinical Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 348-354.	1.2	11
93	Predictive Big Data Analytics using the UK Biobank Data. <i>Scientific Reports</i> , 2019, 9, 6012.	1.6	17
94	O4â€³â€³01: FRONTOTEMPORAL LOBAR DEGENERATION RESEARCH IN NORTH AMERICA: PROGRESS IN THE ARTFL/LEFFTDS CONSORTIA. <i>Alzheimer's and Dementia</i> , 2019, 15, P1234.	0.4	0
95	ICâ€³â€³056: INTERACTION EFFECT OF APOEâ€³4 AND SUBJECTIVE SLEEP QUALITY ON CORTICAL THICKNESS IN COGNITIVELY HEALTHY ADULTS. <i>Alzheimer's and Dementia</i> , 2019, 15, P57.	0.4	0
96	Undetectable gadolinium brain retention in individuals with an ageâ€³dependent bloodâ€³brain barrier breakdown in the hippocampus and mild cognitive impairment. <i>Alzheimer's and Dementia</i> , 2019, 15, 1568-1575.	0.4	22
97	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	9.4	192
98	Final Results of the RHAPSODY Trial: A Multiâ€³Center, Phase 2 Trial Using a Continual Reassessment Method to Determine the Safety and Tolerability of 3K3Aâ€³APC, A Recombinant Variant of Human Activated Protein C, in Combination with Tissue Plasminogen Activator, Mechanical Thrombectomy or both in Moderate to Severe Acute Ischemic Stroke. <i>Annals of Neurology</i> , 2019, 85, 125-136.	2.8	113
99	Vascular dysfunctionâ€³The disregarded partner of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2019, 15, 158-167.	0.4	454
100	Bloodâ€³brain barrier breakdown is an early biomarker of human cognitive dysfunction. <i>Nature Medicine</i> , 2019, 25, 270-276.	15.2	987
101	Harmonization of pipeline for preclinical multicenter MRI biomarker discovery in a rat model of post-traumatic epileptogenesis. <i>Epilepsy Research</i> , 2019, 150, 46-57.	0.8	25
102	Understanding disease progression and improving Alzheimer's disease clinical trials: Recent highlights from the Alzheimer's Disease Neuroimaging Initiative. <i>Alzheimer's and Dementia</i> , 2019, 15, 106-152.	0.4	302
103	Age-Related Differences in Brain Morphology and the Modifiers in Middle-Aged and Older Adults. <i>Cerebral Cortex</i> , 2019, 29, 4169-4193.	1.6	42
104	Limits to anatomical accuracy of diffusion tractography using modern approaches. <i>NeuroImage</i> , 2019, 185, 1-11.	2.1	200
105	Hippocampal Shape Maturation in Childhood and Adolescence. <i>Cerebral Cortex</i> , 2019, 29, 3651-3665.	1.6	23
106	Grant Report on PREDICT-ADFTD: Multimodal Imaging Prediction of AD/FTD and Differential Diagnosis. <i>Journal of Psychiatry and Brain Science</i> , 2019, 4, .	0.3	3
107	When tractography meets tracer injections: a systematic study of trends and variation sources of diffusion-based connectivity. <i>Brain Structure and Function</i> , 2018, 223, 2841-2858.	1.2	63
108	Brain structure differences between Chinese and Caucasian cohorts: A comprehensive morphometry study. <i>Human Brain Mapping</i> , 2018, 39, 2147-2155.	1.9	62

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109	Neuroanatomical morphometric characterization of sex differences in youth using statistical learning. <i>NeuroImage</i> , 2018, 172, 217-227.	2.1	82
110	Classifying Alzheimer's disease with brain imaging and genetic data using a neural network framework. <i>Neurobiology of Aging</i> , 2018, 68, 151-158.	1.5	48
111	Topological false discovery rates for brain mapping based on signal height. <i>NeuroImage</i> , 2018, 167, 478-487.	2.1	2
112	A probabilistic atlas of human brainstem pathways based on connectome imaging data. <i>NeuroImage</i> , 2018, 169, 227-239.	2.1	71
113	P1â€433: GRAY MATTER DEFICITS IN SYMPTOMATIC AND PRESYMPTOMATIC <i>MPT</i> MUTATION CARRIERS. <i>Alzheimer's and Dementia</i> , 2018, 14, P475.	0.4	0
114	O2â€14â€06: DIFFERENCES BETWEEN SPORADIC AND FAMILIAL BEHAVIORAL VARIANT FTD IN ADVANCING RESEARCH AND TREATMENT FOR FTLD (ARTFL) CLINICAL RESEARCH CONSORTIUM. <i>Alzheimer's and Dementia</i> , 2018, 14, P658.	0.4	0
115	ICâ€Pâ€030: CSF SPDGFRB, A MEASURE OF VASCULAR DYSFUNCTION, IS RELATED TO DISRUPTED FUNCTIONAL CONNECTIVITY AMONG BRAIN REGIONS ASSOCIATED WITH ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2018, 14, P34.	0.4	0
116	P1â€281: NONLINEAR Nâ€SCORE ESTIMATION FOR ESTABLISHING COGNITIVE NORMS FROM THE NATIONAL ALZHEIMER'S COORDINATING CENTER (NACC) DATASET. <i>Alzheimer's and Dementia</i> , 2018, 14, P390.	0.4	1
117	S3-01-03: APOE AND SEX DIFFERENCES ON ALZHEIMER'S DISEASE RISK. , 2018, 14, P995-P995.		0
118	O2â€14â€02: THE CLINICAL SPECTRUM OF FRONTOTEMPORAL LOBAR DEGENERATION IN NORTH AMERICA: BASELINE CHARACTERISTICS OF THE FIRST 912 PARTICIPANTS FROM THE ADVANCING RESEARCH AND TREATMENT IN FTLD (ARTFL) CLINICAL RESEARCH CONSORTIUM. <i>Alzheimer's and Dementia</i> , 2018, 14, P656.	0.4	0
119	O2â€14â€01: CHARACTERISTICS AND PROGRESS OF 320 SUBJECTS IN THE LONGITUDINAL EVALUATION OF FAMILIAL FRONTOTEMPORAL DEMENTIA SUBJECTS (LEFFTDS) PROTOCOL. <i>Alzheimer's and Dementia</i> , 2018, 14, P656.	0.4	0
120	P2â€448: CSF SPDGFRB, A MEASURE OF VASCULAR DYSFUNCTION, IS RELATED TO DISRUPTED FUNCTIONAL CONNECTIVITY AMONG BRAIN REGIONS ASSOCIATED WITH ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2018, 14, P889.	0.4	0
121	P1â€419: USING A BRAIN NETWORK APPROACH TO PREDICT GENETIC MUTATION IN INDIVIDUAL PATIENTS WITH FAMILIAL FRONTOTEMPORAL DEMENTIA. <i>Alzheimer's and Dementia</i> , 2018, 14, P465.	0.4	0
122	The Parkinson's progression markers initiative (PPMI) â€ establishing a PD biomarker cohort. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 1460-1477.	1.7	330
123	Analytic Tools for Post-traumatic Epileptogenesis Biomarker Search in Multimodal Dataset of an Animal Model and Human Patients. <i>Frontiers in Neuroinformatics</i> , 2018, 12, 86.	1.3	28
124	ICâ€Pâ€059: REVEALING SMALL SUBFIELDS OF HIPPOCAMPUS IN VIVO WITH 7T STRUCTURAL MRI. <i>Alzheimer's and Dementia</i> , 2018, 14, P55.	0.4	5
125	The role of brain vasculature in neurodegenerative disorders. <i>Nature Neuroscience</i> , 2018, 21, 1318-1331.	7.1	612
126	P1â€288: THE DOMINANTLY INHERITED ALZHEIMER NETWORK (DIAN)â€ALZHEIMER'S DISEASE NEUROIMAGING INITIATIVE (ADNI) COMPARISON STUDY: CHALLENGES AND OPPORTUNITIES. <i>Alzheimer's and Dementia</i> , 2018, 14, P395.	0.4	1



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127	Response to Zywieck and Kirkby paper. <i>Neurobiology of Aging</i> , 2018, 69, 298-299.	1.5	0
128	Modeling topographic regularity in structural brain connectivity with application to tractogram filtering. <i>NeuroImage</i> , 2018, 183, 87-98.	2.1	15
129	Data Sharing in Alzheimer's Disease Research. <i>US Neurology</i> , 2018, 14, 68.	0.2	2
130	Recent publications from the Alzheimer's Disease Neuroimaging Initiative: Reviewing progress toward improved AD clinical trials. <i>Alzheimer's and Dementia</i> , 2017, 13, e1-e85.	0.4	213
131	The Alzheimer's Disease Neuroimaging Initiative 3: Continued innovation for clinical trial improvement. <i>Alzheimer's and Dementia</i> , 2017, 13, 561-571.	0.4	266
132	Association analysis of rare variants near the APOE region with CSF and neuroimaging biomarkers of Alzheimer's disease. <i>BMC Medical Genomics</i> , 2017, 10, 29.	0.7	28
133	[F1â€“04â€“03]: THE GLOBAL ALZHEIMER'S ASSOCIATION INTERACTIVE NETWORK (GAAIN). <i>Alzheimer's and Dementia</i> , 2017, 13, P178.	0.4	1
134	Apolipoprotein E Genotype and Sex Risk Factors for Alzheimer Disease. <i>JAMA Neurology</i> , 2017, 74, 1178.	4.5	454
135	Topographic Regularity for Tract Filtering in Brain Connectivity. <i>Lecture Notes in Computer Science</i> , 2017, 10265, 263-274.	1.0	7
136	Classification of MRI and psychological testing data based on support vector machine. <i>International Journal of Clinical and Experimental Medicine</i> , 2017, 10, 16004-16026.	1.3	1
137	Predictive Big Data Analytics: A Study of Parkinson's Disease Using Large, Complex, Heterogeneous, Incongruent, Multi-Source and Incomplete Observations. <i>PLoS ONE</i> , 2016, 11, e0157077.	1.1	94
138	Global Data Sharing in Alzheimer Disease Research. <i>Alzheimer Disease and Associated Disorders</i> , 2016, 30, 160-168.	0.6	31
139	I'll take that to go: Big data bags and minimal identifiers for exchange of large, complex datasets. , 2016, , .		33
140	Name Similarity for Composite Element Name Matching. , 2016, , .		0
141	Brain imaging of neurovascular dysfunction in Alzheimer's disease. <i>Acta Neuropathologica</i> , 2016, 131, 687-707.	3.9	160
142	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	7.1	213
143	Integration of bioinformatics and imaging informatics for identifying rare PSEN1 variants in Alzheimer's disease. <i>BMC Medical Genomics</i> , 2016, 9, 30.	0.7	20
144	Phenotypic and Genetic Correlations Between the Lobar Segments of the Inferior Fronto-occipital Fasciculus and Attention. <i>Scientific Reports</i> , 2016, 6, 33015.	1.6	9

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145	Transformation Invariant Control of Voxel-Wise False Discovery Rate. IEEE Transactions on Medical Imaging, 2016, 35, 2243-2257.	5.4	2
146	The mouse cortico-striatal projectome. Nature Neuroscience, 2016, 19, 1100-1114.	7.1	412
147	The Image and Data Archive at the Laboratory of Neuro Imaging. NeuroImage, 2016, 124, 1080-1083.	2.1	50
148	Automated retinofugal visual pathway reconstruction with multi-shell HARDI and FOD-based analysis. NeuroImage, 2016, 125, 767-779.	2.1	50
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