Arthur W Toga

List of Publications by Year
in descending order

268	33,378	13865 67	4548 171
papers	citations	h-index	g-index

298	298	298	35407
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Aberrant functional connectivity between reward and inhibitory control networks in pre-adolescent binge eating disorder. Psychological Medicine, 2023, 53, 3869-3878.	4.5	10
2	Mapping frontoinsular cortex from diffusion microstructure. Cerebral Cortex, 2023, 33, 2715-2733.	2.9	4
3	A blood screening tool for detecting mild cognitive impairment and Alzheimer's disease among communityâ€dwelling Mexican Americans and nonâ€Hispanic Whites: A method for increasing representation of diverse populations in clinical research. Alzheimer's and Dementia, 2022, 18, 77-87.	0.8	21
4	Characterizing plasma NfL in a communityâ€dwelling multiâ€ethnic cohort: Results from the HABLE study. Alzheimer's and Dementia, 2022, 18, 240-250.	0.8	39
5	Using the Alzheimer's Disease Neuroimaging Initiative to improve early detection, diagnosis, and treatment of Alzheimer's disease. Alzheimer's and Dementia, 2022, 18, 824-857.	0.8	56
6	Mapping Complex Brain Torque Components and Their Genetic Architecture and Phenomic Associations in 24,112 Individuals. Biological Psychiatry, 2022, 91, 753-768.	1.3	9
7	Sharing of Alzheimerâ€™s Disease Research Data in the Global Alzheimerâ€™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. Journal of Alzheimer's Disease, 2022, 86, 1243-1254.	2.6	6
9	Regional gray matter abnormalities in pre-adolescent binge eating disorder: A voxel-based morphometry study. Psychiatry Research, 2022, 310, 114473.	3.3	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 â€“ Health Disparities Cohort. Dementia and Geriatric Cognitive Disorders, 2022, 51, 26-31.	1.5	7
11	Imaging subtle leaks in the bloodâ€“brain barrier in the aging human brain: potential pitfalls, challenges, and possible solutions. GeroScience, 2022, 44, 1339-1351.	4.6	17
12	Autosomal dominant and sporadic late onset Alzheimer's disease share a commonin vivopathophysiology. Brain, 2022, 145, 3594-3607.	7.6	20
13	Body mass index, time of day and genetics affect perivascular spaces in the white matter. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 1563-1578.	4.3	57
14	Late-Life Depression Is Associated With Reduced Cortical Amyloid Burden: Findings From the Alzheimerâ€™s Disease Neuroimaging Initiative Depression Project. Biological Psychiatry, 2021, 89, 757-765.	1.3	41
15	The effect of body mass index on hippocampal morphology and memory performance in late childhood and adolescence. Hippocampus, 2021, 31, 189-200.	1.9	10
16	Neuroimaging PheWAS (Phenome-Wide Association Study): A Free Cloud-Computing Platform for Big-Data, Brain-Wide Imaging Association Studies. Neuroinformatics, 2021, 19, 285-303.	2.8	7
17	Tractography Processing with the Sparse Closest Point Transform. Neuroinformatics, 2021, 19, 367-378.	2.8	3
18	Global and Regional Changes in Perivascular Space in Idiopathic and Familial Parkinson's Disease. Movement Disorders, 2021, 36, 1126-1136.	3.9	49

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19	Perivascular Space Imaging at Ultrahigh Field MR Imaging. Magnetic Resonance Imaging Clinics of North America, 2021, 29, 67-75.	1.1	19
20	Selective morphological and volumetric alterations in the hippocampus of children exposed in utero to gestational diabetes mellitus. Human Brain Mapping, 2021, 42, 2583-2592.	3.6	15
21	Robust Cortical Thickness Morphometry of Neonatal Brain and Systematic Evaluation Using Multi-Site MRI Datasets. Frontiers in Neuroscience, 2021, 15, 650082.	2.8	10
22	Volumetric distribution of perivascular space in relation to mild cognitive impairment. Neurobiology of Aging, 2021, 99, 28-43.	3.1	45
23	Retrospective motion artifact correction of structural MRI images using deep learning improves the quality of cortical surface reconstructions. NeuroImage, 2021, 230, 117756.	4.2	39
24	The Impact of Amyloid Burden and APOE on Rates of Cognitive Impairment in Late Life Depression. Journal of Alzheimer's Disease, 2021, 80, 991-1002.	2.6	9
25	Frontoinsular cortical microstructure is linked to life satisfaction in young adulthood. Brain Imaging and Behavior, 2021, 15, 2775-2789.	2.1	7
26	Longitudinal Analysis of Multiple Neurotransmitter Metabolites in Cerebrospinal Fluid in Early Parkinson's Disease. Movement Disorders, 2021, 36, 1972-1978.	3.9	10
27	Threeâ€dimensional selfâ€attention conditional GAN with spectral normalization for multimodal neuroimaging synthesis. Magnetic Resonance in Medicine, 2021, 86, 1718-1733.	3.0	28
28	The Longitudinal Earlyâ€onset Alzheimer's Disease Study (LEADS): Framework and methodology. Alzheimer's and Dementia, 2021, 17, 2043-2055.	0.8	34
29	Morphological Development Trajectory and Structural Covariance Network of the Human Fetal Cortical Plate during the Early Second Trimester. Cerebral Cortex, 2021, 31, 4794-4807.	2.9	12
30	Early neuroinflammation is associated with lower amyloid and tau levels in cognitively normal older adults. Brain, Behavior, and Immunity, 2021, 94, 299-307.	4.1	19
31	A systematic review of next-generation point-of-care stroke diagnostic technologies. Neurosurgical Focus, 2021, 51, E11.	2.3	8
32	Transcranial eddy current damping sensors for detection and imaging of hemorrhagic stroke: feasibility in benchtop experimentation. Neurosurgical Focus, 2021, 51, E15.	2.3	3
33	Accelerated functional brain aging in pre-clinical familial Alzheimerâ€™s disease. Nature Communications, 2021, 12, 5346.	12.8	43
34	Improving brain age estimates with deep learning leads to identification of novel genetic factors associated with brain aging. Neurobiology of Aging, 2021, 105, 199-204.	3.1	16
35	Using Fractional Anisotropy Imaging to Detect Mild Cognitive Impairment and Alzheimerâ€™s Disease among Mexican Americans and Non-Hispanic Whites: A HABLE Study. Dementia and Geriatric Cognitive Disorders, 2021, 50, 266-273.	1.5	7
36	Tractography dissection variability: What happens when 42 groups dissect 14 white matter bundles on the same dataset?. NeuroImage, 2021, 243, 118502.	4.2	94

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37	The Health & Aging Brain among Latino Elders (HABLE) study methods and participant characteristics. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2021, 13, e12202.	2.4	36
38	MRI biomarkers of small vessel disease and cognition: A crossâ€sectional study of a cognitively normal Mexican American cohort. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2021, 13, e12236.	2.4	2
39	RNA sequencing of whole blood reveals early alterations in immune cells and gene expression in Parkinsonâ€™s disease. Nature Aging, 2021, 1, 734-747.	11.6	18
40	Laminar perfusion imaging with zoomed arterial spin labeling at 7 Tesla. NeuroImage, 2021, 245, 118724.	4.2	11
41	Augmenting Alzheimerâ€™s Research: Scholâ€AR. Alzheimer's and Dementia, 2021, 17, .	0.8	0
42	Gearing up for the future: Exploring facilitators and barriers to inform clinical trial design in frontotemporal lobar degeneration. Alzheimer's and Dementia, 2021, 17, e052495.	0.8	0
43	Differential correlation of white matter hyperintensity with Alzheimerâ€™s pathology within A/T groups. Alzheimer's and Dementia, 2021, 17, .	0.8	0
44	The relationship between bloodâ€brain barrier permeability and cerebral blood flow in cognitive impairment. Alzheimer's and Dementia, 2021, 17, .	0.8	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 nonâ€Hispanic whites. Alzheimer's and Dementia, 2021, 17, .	0.8	0
46	Cognitive, neuropsychiatric and imaging comparisons between earlyâ€onset and lateâ€onset Alzheimerâ€™s disease participants from LEADS and ADNI3. Alzheimer's and Dementia, 2021, 17, .	0.8	0
47	Clinical value of CSF tau, pâ€tau181, neurogranin and neurofilaments in familial frontotemporal lobar degeneration. Alzheimer's and Dementia, 2021, 17, .	0.8	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). Brain Imaging and Behavior, 2021, 15, 2804-2812.	2.1	2
49	Metaâ€analytic comparison of risk factors for mild cognitive impairment and Alzheimerâ€™s disease between Hispanic and nonâ€Hispanic White subjects. Alzheimer's and Dementia, 2021, 17, .	0.8	0
50	Imputation Strategy for Reliable Regional MRI Morphological Measurements. Neuroinformatics, 2020, 18, 59-70.	2.8	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. Lancet Neurology, The, 2020, 19, 71-80.	10.2	94
52	Interaction effect of alcohol consumption and Alzheimer disease polygenic risk score on the brain cortical thickness of cognitively normal subjects. Alcohol, 2020, 85, 1-12.	1.7	11
53	Morphometric development of the human fetal cerebellum during the early second trimester. NeuroImage, 2020, 207, 116372.	4.2	15
54	Associations between Vascular Function and Tau PET Are Associated with Global Cognition and Amyloid. Journal of Neuroscience, 2020, 40, 8573-8586.	3.6	60

#	Article	IF	Citations
55	Disruption and Compensation of Sulcation-based Covariance Networks in Neonatal Brain Growth after Perinatal Injury. Cerebral Cortex, 2020, 30, 6238-6253.	2.9	19
56	The connections of the insular VEN area in great apes: A histologically-guided ex vivo diffusion tractography study. Progress in Neurobiology, 2020, 195, 101941.	5.7	7
57	Early brain biomarkers of post-traumatic seizures: initial report of the multicentre epilepsy bioinformatics study for antiepileptogenic therapy (EpiBioS4Rx) prospective study. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 1154-1157.	1.9	18
58	Compressive Big Data Analytics: An ensemble meta-algorithm for high-dimensional multisource datasets. PLoS ONE, 2020, 15, e0228520.	2.5	5
59	Validation of Serum Neurofilament Light Chain as a Biomarker of Parkinson's Disease Progression. Movement Disorders, 2020, 35, 1999-2008.	3.9	104
60	Multiplex Networks to Characterize Seizure Development in Traumatic Brain Injury Patients. Frontiers in Neuroscience, 2020, 14, 591662.	2.8	9
61	Investigating neural correlates of mild cognitive impairment using estimated clinical status from neuropsychological test battery: LASIâ€ÐAD. Alzheimer's and Dementia, 2020, 16, e038440.	0.8	0
62	Amyloid and tau PET in sporadic earlyâ€onset Alzheimerâ€™s disease: Preliminary results from LEADS. Alzheimer's and Dementia, 2020, 16, e041613.	0.8	2
63	Intracellular signal changes in the anterosuperior medial temporal lobe associated with early cognitive decline. Alzheimer's and Dementia, 2020, 16, e044218.	0.8	0
64	Relationships between cerebrovascular health and tau PET uptake are associated with global cognition. Alzheimer's and Dementia, 2020, 16, e045326.	0.8	0
65	Studying the natural history of frontotemporal lobar degeneration (FTLD): The ARTFL LEFFTDS longitudinal FTLD (ALLFTD) protocol. Alzheimer's and Dementia, 2020, 16, e045482.	0.8	0
66	Increased white matter MRI T1 hypointensity volume in youngâ€onset Alzheimerâ€™s disease patients is not accounted for by age or cardiovascular risk factors. Alzheimer's and Dementia, 2020, 16, e045577.	0.8	0
67	Alteration of perivascular spaces in early cognitive decline. Alzheimer's and Dementia, 2020, 16, e045605.	0.8	2
68	Neurodegeneration in the Longitudinal Evaluation of Early Onset Alzheimerâ€™s Disease Study (LEADS) sample: Results from the MRI core. Alzheimer's and Dementia, 2020, 16, e046338.	0.8	0
69	Sexâ€associated differences in pathology burden in earlyâ€onset Alzheimerâ€™s disease. Alzheimer's and Dementia, 2020, 16, e046532.	0.8	2
70	THC Exposure is Reflected in the Microstructure of the Cerebral Cortex and Amygdala of Young Adults. Cerebral Cortex, 2020, 30, 4949-4963.	2.9	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. Science, 2020, 367, .	12.6	450

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73	Magnitude and timing of major white matter tract maturation from infancy through adolescence with NODDI. NeuroImage, 2020, 212, 116672.	4.2	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 Crossâ€Sectional Study. Movement Disorders, 2020, 35, 833-844.	3.9	48
75	Fox Insight collects online, longitudinal patient-reported outcomes and genetic data on Parkinsonâ€™s disease. Scientific Data, 2020, 7, 67.	5.3	60
76	Association of relative brain age with tobacco smoking, alcohol consumption, and genetic variants. Scientific Reports, 2020, 10, 10.	3.3	121
77	APOE4 leads to bloodâ€“brain barrier dysfunction predicting cognitive decline. Nature, 2020, 581, 71-76.	27.8	705
78	A novel sensitive assay for detection of a biomarker of pericyte injury in cerebrospinal fluid. Alzheimer's and Dementia, 2020, 16, 821-830.	0.8	43
79	Parity is associated with cognitive function and brain age in both females and males. Scientific Reports, 2020, 10, 6100.	3.3	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. Neurobiology of Disease, 2019, 123, 127-136.	4.4	20
82	Using Virtual Reality to Improve Performance and User Experience in Manual Correction of MRI Segmentation Errors by Non-experts. Journal of Digital Imaging, 2019, 32, 97-104.	2.9	8
83	Signal Hyperintensity on Unenhanced T1-Weighted Brain and Cervical Spinal Cord MR Images after Multiple Doses of Linear Gadolinium-Based Contrast Agent. American Journal of Neuroradiology, 2019, 40, 1274-1281.	2.4	7
84	Imaging biomarkers of posttraumatic epileptogenesis. Epilepsia, 2019, 60, 2151-2162.	5.1	25
85	Image processing approaches to enhance perivascular space visibility and quantification using MRI. Scientific Reports, 2019, 9, 12351.	3.3	67
86	The LONI QC System: A Semi-Automated, Web-Based and Freely-Available Environment for the Comprehensive Quality Control of Neuroimaging Data. Frontiers in Neuroinformatics, 2019, 13, 60.	2.5	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 7â€Tesla. NeuroImage, 2019, 199, 184-193.	4.2	24

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91	Perivascular space fluid contributes to diffusion tensor imaging changes in white matter. NeuroImage, 2019, 197, 243-254.	4.2	62
92	Nonparenchymal fluid is the source of increased mean diffusivity in preclinical Alzheimer's disease. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2019, 11, 348-354.	2.4	11
93	Predictive Big Data Analytics using the UK Biobank Data. Scientific Reports, 2019, 9, 6012.	3.3	17
94	O4â€03â€01: FRONTOTEMPORAL LOBAR DEGENERATION RESEARCH IN NORTH AMERICA: PROGRESS IN THE ARTFL/LEFFTDS CONSORTIA. Alzheimer's and Dementia, 2019, 15, P1234.	0.8	0
95	ICâ€Pâ€056: INTERACTION EFFECT OF APOEâ€4 AND SUBJECTIVE SLEEP QUALITY ON CORTICAL THICKNESS IN COGNITIVELY HEALTHY ADULTS. Alzheimer's and Dementia, 2019, 15, P57.	0.8	0
96	Undetectable gadolinium brain retention in individuals with an ageâ€dependent bloodâ€brain barrier breakdown in the hippocampus and mild cognitive impairment. Alzheimer's and Dementia, 2019, 15, 1568-1575.	0.8	22
97	Genetic architecture of subcortical brain structures in 38,851 individuals. Nature Genetics, 2019, 51, 1624-1636.	21.4	192
98	Final Results of the RHAPSODY Trial: A Multiâ€Center, Phase 2 Trial Using a Continual Reassessment Method to Determine the Safety and Tolerability of 3K3Aâ€APC, 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. Annals of Neurology, 2019, 85, 125-136.	5.3	113
99	Vascular dysfunctionâ€"The disregarded partner of Alzheimer's disease. Alzheimer's and Dementia, 2019, 15, 158-167.	0.8	454
100	Bloodâ€"brain barrier breakdown is an early biomarker of human cognitive dysfunction. Nature Medicine, 2019, 25, 270-276.	30.7	987
101	Harmonization of pipeline for preclinical multicenter MRI biomarker discovery in a rat model of post-traumatic epileptogenesis. Epilepsy Research, 2019, 150, 46-57.	1.6	25
102	Understanding disease progression and improving Alzheimer's disease clinical trials: Recent highlights from the Alzheimer's Disease Neuroimaging Initiative. Alzheimer's and Dementia, 2019, 15, 106-152.	0.8	302
103	Age-Related Differences in Brain Morphology and the Modifiers in Middle-Aged and Older Adults. Cerebral Cortex, 2019, 29, 4169-4193.	2.9	42
104	Limits to anatomical accuracy of diffusion tractography using modern approaches. NeuroImage, 2019, 185, 1-11.	4.2	200
105	Hippocampal Shape Maturation in Childhood and Adolescence. Cerebral Cortex, 2019, 29, 3651-3665.	2.9	23
106	Grant Report on PREDICT-ADFTD: Multimodal Imaging Prediction of AD/FTD and Differential Diagnosis. Journal of Psychiatry and Brain Science, 2019, 4, .	0.5	3
107	When tractography meets tracer injections: a systematic study of trends and variation sources of diffusion-based connectivity. Brain Structure and Function, 2018, 223, 2841-2858.	2.3	63
108	Brain structure differences between <scp>C</scp>hinese and <scp>C</scp>aucasian cohorts: A comprehensive morphometry study. Human Brain Mapping, 2018, 39, 2147-2155.	3.6	62

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109	Neuroanatomical morphometric characterization of sex differences in youth using statistical learning. NeuroImage, 2018, 172, 217-227.	4.2	82
110	Classifying Alzheimer's disease with brain imaging and genetic data using a neural network framework. Neurobiology of Aging, 2018, 68, 151-158.	3.1	48
111	Topological false discovery rates for brain mapping based on signal height. NeuroImage, 2018, 167, 478-487.	4.2	2
112	A probabilistic atlas of human brainstem pathways based on connectome imaging data. NeuroImage, 2018, 169, 227-239.	4.2	71
113	P1â€433: GRAY MATTER DEFICITS IN SYMPTOMATIC AND PRESYMPTOMATIC MAPT MUTATION CARRIERS. Alzheimer's and Dementia, 2018, 14, P475.	0.8	0
114	O2â€14â€06: DIFFERENCES BETWEEN SPORADIC AND FAMILIAL BEHAVIORAL VARIANT FTD IN ADVANCING RESEARCH AND TREATMENT FOR FTLD (ARTFL) CLINICAL RESEARCH CONSORTIUM. Alzheimer's and Dementia, 2018, 14, P658.	0.8	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. Alzheimer's and Dementia, 2018, 14, P34.	0.8	0
116	P1â€281: NONLINEAR Nâ€SCORE ESTIMATION FOR ESTABLISHING COGNITIVE NORMS FROM THE NATIONAL ALZHEIMER'S COORDINATING CENTER (NACC) DATASET. Alzheimer's and Dementia, 2018, 14, P390.	0.8	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. Alzheimer's and Dementia, 2018, 14, P656.	0.8	0
119	O2â€14â€01: CHARACTERISTICS AND PROGRESS OF 320 SUBJECTS IN THE LONGITUDINAL EVALUATION OF FAMILIAL FRONTOTEMPORAL DEMENTIA SUBJECTS (LEFFTDS) PROTOCOL. Alzheimer's and Dementia, 2018, 14, P656.	0.8	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. Alzheimer's and Dementia, 2018, 14, P889.	0.8	0
121	P1â€419: USING A BRAIN NETWORK APPROACH TO PREDICT GENETIC MUTATION IN INDIVIDUAL PATIENTS WITH FAMILIAL FRONTOTEMPORAL DEMENTIA. Alzheimer's and Dementia, 2018, 14, P465.	0.8	0
122	The Parkinson's progression markers initiative (PPMI) â€“ establishing a PD biomarker cohort. Annals of Clinical and Translational Neurology, 2018, 5, 1460-1477.	3.7	330
123	Analytic Tools for Post-traumatic Epileptogenesis Biomarker Search in Multimodal Dataset of an Animal Model and Human Patients. Frontiers in Neuroinformatics, 2018, 12, 86.	2.5	28
124	ICâ€Pâ€059: REVEALING SMALL SUBFIELDS OF HIPPOCAMPUS IN VIVO WITH 7T STRUCTURAL MRI. Alzheimer's and Dementia, 2018, 14, P55.	0.8	5
125	The role of brain vasculature in neurodegenerative disorders. Nature Neuroscience, 2018, 21, 1318-1331.	14.8	612
126	P1â€288: THE DOMINANTLY INHERITED ALZHEIMER NETWORK (DIAN)â€ALZHEIMER'S DISEASE NEUROIMAGING INITIATIVE (ADNI) COMPARISON STUDY: CHALLENGES AND OPPORTUNITIES. Alzheimer's and Dementia, 2018, 14, P395.	0.8	1

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127	Response to Zywieck and Kirkby paper. Neurobiology of Aging, 2018, 69, 298-299.	3.1	0
128	Modeling topographic regularity in structural brain connectivity with application to tractogram filtering. NeuroImage, 2018, 183, 87-98.	4.2	15
129	Data Sharing in Alzheimerâ€™s Disease Research. US Neurology, 2018, 14, 68.	0.2	2
130	Recent publications from the Alzheimer's Disease Neuroimaging Initiative: Reviewing progress toward improved AD clinical trials. Alzheimer's and Dementia, 2017, 13, e1-e85.	0.8	213
131	The Alzheimer's Disease Neuroimaging Initiative 3: Continued innovation for clinical trial improvement. Alzheimer's and Dementia, 2017, 13, 561-571.	0.8	266
132	Association analysis of rare variants near the APOE region with CSF and neuroimaging biomarkers of Alzheimerâ€™s disease. BMC Medical Genomics, 2017, 10, 29.	1.5	28
133	[F1â€“04â€“03]: THE GLOBAL ALZHEIMER's ASSOCIATION INTERACTIVE NETWORK (GAAIN). Alzheimer's and Dementia, 2017, 13, P178.	0.8	1
134	Apolipoprotein E Genotype and Sex Risk Factors for Alzheimer Disease. JAMA Neurology, 2017, 74, 1178.	9.0	454
135	Topographic Regularity for Tract Filtering in Brain Connectivity. Lecture Notes in Computer Science, 2017, 10265, 263-274.	1.3	7
136	Classification of MRI and psychological testing data based on support vector machine. International Journal of Clinical and Experimental Medicine, 2017, 10, 16004-16026.	1.3	1
137	Predictive Big Data Analytics: A Study of Parkinsonâ€™s Disease Using Large, Complex, Heterogeneous, Incongruent, Multi-Source and Incomplete Observations. PLoS ONE, 2016, 11, e0157077.	2.5	94
138	Global Data Sharing in Alzheimer Disease Research. Alzheimer Disease and Associated Disorders, 2016, 30, 160-168.	1.3	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 Alzheimerâ€™s disease. Acta Neuropathologica, 2016, 131, 687-707.	7.7	160
142	Novel genetic loci underlying human intracranial volume identified through genome-wide association. Nature Neuroscience, 2016, 19, 1569-1582.	14.8	213
143	Integration of bioinformatics and imaging informatics for identifying rare PSEN1 variants in Alzheimerâ€™s disease. BMC Medical Genomics, 2016, 9, 30.	1.5	20
144	Phenotypic and Genetic Correlations Between the Lobar Segments of the Inferior Fronto-occipital Fasciculus and Attention. Scientific Reports, 2016, 6, 33015.	3.3	9

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145	Transformation Invariant Control of<?Pub _newline ?>Voxel-Wise False Discovery Rate. IEEE Transactions on Medical Imaging, 2016, 35, 2243-2257.	8.9	2
146	The mouse cortico-striatal projectome. Nature Neuroscience, 2016, 19, 1100-1114.	14.8	412
147	The Image and Data Archive at the Laboratory of Neuro Imaging. NeuroImage, 2016, 124, 1080-1083.	4.2	50
148	Automated retinofugal visual pathway reconstruction with multi-shell HARDI and FOD-based analysis. NeuroImage, 2016, 125, 767-779.	4.2	50
149	CSF biomarkers associated with disease heterogeneity in early Parkinsonâ€™s disease: the Parkinsonâ€™s Progression Markers Initiative study. Acta Neuropathologica, 2016, 131, 935-949.	7.7	190
150	Blood-Brain Barrier Permeability and Gadolinium. JAMA Neurology, 2016, 73, 13.	9.0	77
151	The Function Biomedical Informatics Research Network Data Repository. NeuroImage, 2016, 124, 1074-1079.	4.2	114
152	MGHâ€“USC Human Connectome Project datasets with ultra-high b-value diffusion MRI. NeuroImage, 2016, 124, 1108-1114.	4.2	209
153	The Global Alzheimer's Association Interactive Network. Alzheimer's and Dementia, 2016, 12, 49-54.	0.8	31
154	Sharing data in the global alzheimer's association interactive network. NeuroImage, 2016, 124, 1168-1174.	4.2	22
155	FTS-01-02: The global Alzheimer's association interactive network (GAAIN). , 2015, 11, P121-P121.		6
156	Structural Brain Changes in Earlyâ€Onset Alzheimer's Disease Subjects Using the LONI Pipeline Environment. Journal of Neuroimaging, 2015, 25, 728-737.	2.0	13
157	Structural Neuroimaging Genetics Interactions in Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2015, 48, 1051-1063.	2.6	36
158	Medical data transformation using rewriting. Frontiers in Neuroinformatics, 2015, 9, 1.	2.5	72
159	Precompetitive Data Sharing as a Catalyst toÂAddress Unmet Needs in Parkinsonâ€™s Disease 1. Journal of Parkinson's Disease, 2015, 5, 581-594.	2.8	25
160	Imaging in StrokeNet. Stroke, 2015, 46, 2000-2006.	2.0	25
161	Reply: Cortical differences in preliterate children at familiar risk of dyslexia are similar to those observed in dyslexic readers. Brain, 2015, 138, e379-e379.	7.6	2
162	Higher homocysteine associated with thinner cortical gray matter inÂ803 participants from the Alzheimer's Disease Neuroimaging Initiative. Neurobiology of Aging, 2015, 36, S203-S210.	3.1	52

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163	Blood-Brain Barrier Breakdown in the Aging Human Hippocampus. Neuron, 2015, 85, 296-302.	8.1	1,436
164	Mapping ventricular expansion onto cortical gray matter in older adults. Neurobiology of Aging, 2015, 36, S32-S41.	3.1	32
165	Empowering imaging biomarkers of Alzheimer's disease. Neurobiology of Aging, 2015, 36, S69-S80.	3.1	22
166	Common genetic variants influence human subcortical brain structures. Nature, 2015, 520, 224-229.	27.8	772
167	2014 Update of the Alzheimer's Disease Neuroimaging Initiative: AÂreview of papers published since its inception. Alzheimer's and Dementia, 2015, 11, e1-120.	0.8	261
168	Big biomedical data as the key resource for discovery science. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 1126-1131.	4.4	70
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