

Charles D Smith

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,908
citations

331670

21
h-index

345221

36
g-index

49
all docs

49
docs citations

49
times ranked

3611
citing authors

#	ARTICLE	IF	CITATIONS
1	Memory-Related Frontal Brainwaves Predict Transition to Mild Cognitive Impairment in Healthy Older Individuals Five Years Before Diagnosis. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 531-541.	2.6	9
2	Development of a protocol to assess within-subject, regional white matter hyperintensity changes in aging and dementia. <i>Journal of Neuroscience Methods</i> , 2021, 360, 109270.	2.5	5
3	Characteristics of VCP mutation-associated cardiomyopathy. <i>Neuromuscular Disorders</i> , 2021, 31, 701-705.	0.6	8
4	Diffuse optical assessment of cerebral autoregulation in older adults stratified by cerebrovascular risk. <i>Journal of Biophotonics</i> , 2020, 13, e202000073.	2.3	10
5	Post-acquisition processing confounds in brain volumetric quantification of white matter hyperintensities. <i>Journal of Neuroscience Methods</i> , 2019, 327, 108391.	2.5	7
6	Residual Pyramid Fcn for Robust Follicle Segmentation. , 2019, , .		5
7	Teaching NeuroImages: Substantia nigra T2 hyperintensities in a man with Leber hereditary optic neuropathy. <i>Neurology</i> , 2019, 93, e1830-e1831.	1.1	1
8	Distinct patterns of default mode and executive control network circuitry contribute to present and future executive function in older adults. <i>NeuroImage</i> , 2019, 195, 320-332.	4.2	38
9	Dilated FCN: Listening Longer to Hear Better. , 2019, , .		11
10	Teaching NeuroImages: Leber hereditary optic neuropathy masquerading as neuromyelitis optica. <i>Neurology</i> , 2018, 90, e94-e95.	1.1	8
11	Nonlinear Metric Learning through Geodesic Interpolation within Lie Groups. , 2018, , .		0
12	Peeking into the Black Box of Coregistration in Clinical fMRI: Which Registration Methods Are Used and How Well Do They Perform?. <i>American Journal of Neuroradiology</i> , 2018, 39, 2332-2339.	2.4	1
13	Distinct White Matter Changes Associated with Cerebrospinal Fluid Amyloid- β 1-42 and Hypertension. <i>Journal of Alzheimer's Disease</i> , 2018, 66, 1095-1104.	2.6	21
14	Age and Alzheimer's pathology disrupt default mode network functioning via alterations in white matter microstructure but not hyperintensities. <i>Cortex</i> , 2018, 104, 58-74.	2.4	24
15	White Matter Hyperintensity Associations with Cerebral Blood Flow in Elderly Subjects Stratified by Cerebrovascular Risk. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 779-786.	1.6	46
16	Development, validation and application of a new fornix template for studies of aging and preclinical Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2017, 13, 106-115.	2.7	48
17	Deconstructing normal pressure hydrocephalus: Ventriculomegaly as early sign of neurodegeneration. <i>Annals of Neurology</i> , 2017, 82, 503-513.	5.3	133
18	Bilateral Radiation Optic Neuropathy Following Concurrent Chemotherapy and Radiation in Glioblastoma. <i>Neuro-Ophthalmology</i> , 2017, 41, 287-290.	1.0	5

#	ARTICLE	IF	CITATIONS
19	Clinical Reasoning: Two see or not two seeâ€”Is it really double vision?. <i>Neurology</i> , 2017, 89, e56-e60.	1.1	0
20	Hippocampus segmentation through multi-view ensemble ConvNets. , 2017, , .		28
21	Clinically silent Alzheimer's and vascular pathologies influence brain networks supporting executive function in healthy older adults. <i>Neurobiology of Aging</i> , 2017, 58, 102-111.	3.1	15
22	Alzheimer's Biomarkers are Correlated with Brain Connectivity in Older Adults Differentially during Resting and Task States. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 15.	3.4	28
23	Nonlinear Metric Learning for Semi-Supervised Learning via Coherent Point Drifting. , 2016, , .		4
24	â€œNew Old Pathologiesâ€ AD, PART, and Cerebral Age-Related TDP-43 With Sclerosis (CARTS). <i>Journal of Neuropathology and Experimental Neurology</i> , 2016, 75, 482-498.	1.7	130
25	Quad-mesh based radial distance biomarkers for Alzheimer's disease. , 2016, , .		7
26	Peripheral (deep) but not periventricular <sc>MRI</sc> white matter hyperintensities are increased in clinical vascular dementia compared to Alzheimer's disease. <i>Brain and Behavior</i> , 2016, 6, e00438.	2.2	41
27	A clinical trial to validate eventâ€related potential markers of Alzheimer's disease in outpatient settings. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2015, 1, 387-394.	2.4	38
28	Discrimination of Mild Cognitive Impairment and Alzheimer's Disease Using Transfer Entropy Measures of Scalp EEG. <i>Journal of Healthcare Engineering</i> , 2015, 6, 55-70.	1.9	32
29	Dopaminergic Modulation of Medial Prefrontal Cortex Deactivation in Parkinson Depression. <i>Parkinson's Disease</i> , 2015, 2015, 1-11.	1.1	9
30	Sugihara causality analysis of scalp EEG for detection of early Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2015, 7, 258-265.	2.7	58
31	Psychological Impact of Predictive Genetic Testing in VCP Inclusion Body Myopathy, Paget Disease of Bone and Frontotemporal Dementia. <i>Journal of Genetic Counseling</i> , 2015, 24, 842-850.	1.6	14
32	Spectral and complexity analysis of scalp EEG characteristics for mild cognitive impairment and early Alzheimer's disease. <i>Computer Methods and Programs in Biomedicine</i> , 2014, 114, 153-163.	4.7	120
33	Self-reported memory complaints. <i>Neurology</i> , 2014, 83, 1359-1365.	1.1	151
34	White matter integrity is associated with cerebrospinal fluid markers of Alzheimer's disease in normal adults. <i>Neurobiology of Aging</i> , 2014, 35, 2263-2271.	3.1	51
35	Diagnostic accuracy and practice effects in the National Alzheimer's Coordinating Center Uniform Data Set neuropsychological battery. <i>Alzheimer's and Dementia</i> , 2014, 10, 675-683.	0.8	31
36	Curve skeleton-based shape representation and classification. , 2012, , .		4

#	ARTICLE	IF	CITATIONS
37	Robust and efficient point registration based on clusters and Generalized Radial Basis Functions (C-GRBF)., 2012, , .		2
38	Riemannian Shape Analysis Based on Meridian Curves. , 2012, , .		1
39	Structural Brain Alterations before Mild Cognitive Impairment in ADNI: Validation of Volume Loss in a Predefined Antero-Temporal Region. Journal of Alzheimer's Disease, 2012, 31, S49-S58.	2.6	22
40	Partial least squares discrimination with heterogeneous covariance structures. Journal of Chemometrics, 2011, 25, 109-115.	1.3	2
41	Neuroimaging Through the Course of Alzheimer's Disease. Journal of Alzheimer's Disease, 2010, 19, 273-290.	2.6	19
42	White matter diffusion alterations in normal women at risk of Alzheimer's disease. Neurobiology of Aging, 2010, 31, 1122-1131.	3.1	93
43	MRI diffusion tensor tracking of a new amygdalo-hippocampal pathway system in humans. Journal of Magnetic Resonance Imaging, 2009, 29, 1248-1261.	3.4	36
44	Automatic Multiple Sclerosis detection based on integrated square estimation. , 2009, , .		7
45	Automatic Multiple Sclerosis detection based on integrated square estimation. , 2009, , .		0
46	Age and gender effects on human brain anatomy: A voxel-based morphometric study in healthy elderly. Neurobiology of Aging, 2007, 28, 1075-1087.	3.1	286
47	Validation studies of the human movement analysis panel for hand/arm performance. Journal of Neuroscience Methods, 2007, 165, 287-296.	2.5	4
48	Periventricular White Matter Hyperintensities on MRI: Correlation With Neuropathologic Findings. Journal of Neuroimaging, 2000, 10, 13-16.	2.0	39
49	Serum folate and the severity of atrophy of the neocortex in Alzheimer disease: findings from the Nun Study. American Journal of Clinical Nutrition, 2000, 71, 993-998.	4.7	256