

Roger T Staff

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7478093/publications.pdf>

Version: 2024-02-01

71
papers

3,616
citations

126907

33
h-index

138484

58
g-index

72
all docs

72
docs citations

72
times ranked

5696
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficacy and safety of tau-aggregation inhibitor therapy in patients with mild or moderate Alzheimer's disease: a randomised, controlled, double-blind, parallel-arm, phase 3 trial. <i>Lancet</i> , The, 2016, 388, 2873-2884.	13.7	299
2	What provides cerebral reserve?. <i>Brain</i> , 2004, 127, 1191-1199.	7.6	217
3	Brain White Matter Hyperintensities: Relative Importance of Vascular Risk Factors in Nondemented Elderly People. <i>Radiology</i> , 2005, 237, 251-257.	7.3	184
4	Brain white matter lesions detected by magnetic resonance imaging are associated with balance and gait speed. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2003, 74, 94-98.	1.9	183
5	Childhood socioeconomic status and adult brain size: Childhood socioeconomic status influences adult hippocampal size. <i>Annals of Neurology</i> , 2012, 71, 653-660.	5.3	144
6	Potential of Low Dose Leuco-Methylthioninium Bis(Hydromethanesulphonate) (LMTM) Monotherapy for Treatment of Mild Alzheimer's Disease: Cohort Analysis as Modified Primary Outcome in a Phase III Clinical Trial. <i>Journal of Alzheimer's Disease</i> , 2017, 61, 435-457.	2.6	142
7	Nonlinear Complexity Analysis of Brain fMRI Signals in Schizophrenia. <i>PLoS ONE</i> , 2014, 9, e95146.	2.5	114
8	Accuracy of T1 measurement in dynamic contrast-enhanced breast MRI using two- and three-dimensional variable flip angle fast low-angle shot. <i>Journal of Magnetic Resonance Imaging</i> , 1999, 9, 163-171.	3.4	110
9	Life-course determinants of cognitive reserve (CR) in cognitive aging and dementia – a systematic literature review. <i>Aging and Mental Health</i> , 2018, 22, 921-932.	2.8	109
10	Monitoring primary breast cancer throughout chemotherapy using FDG-PET. <i>Breast Cancer Research and Treatment</i> , 2007, 102, 75-84.	2.5	108
11	The balance between cognitive reserve and brain imaging biomarkers of cerebrovascular and Alzheimer's diseases. <i>Brain</i> , 2011, 134, 3687-3696.	7.6	107
12	Cerebral blood flow and cognitive responses to rivastigmine treatment in Alzheimer's disease. <i>NeuroReport</i> , 2002, 13, 83-87.	1.2	106
13	The relationship between vascular and metabolic characteristics of primary breast tumours. <i>European Radiology</i> , 2004, 14, 2038-2045.	4.5	104
14	Advanced imaging: Magnetic resonance imaging in implant dentistry. <i>Clinical Oral Implants Research</i> , 2003, 14, 18-27.	4.5	85
15	Challenges in the conduct of disease-modifying trials in AD: Practical experience from a phase 2 trial of TAU-aggregation inhibitor therapy. <i>Journal of Nutrition, Health and Aging</i> , 2009, 13, 367-369.	3.3	85
16	The use of the Levenberg-Marquardt curve-fitting algorithm in pharmacokinetic modelling of DCE-MRI data. <i>Physics in Medicine and Biology</i> , 2005, 50, N85-N92.	3.0	84
17	Cerebral white matter abnormalities and lifetime cognitive change: A 67-year follow-up of the Scottish Mental Survey of 1932.. <i>Psychology and Aging</i> , 2003, 18, 140-148.	1.6	83
18	Delusions in Alzheimer's Disease: Spet Evidence of Right Hemispheric Dysfunction. <i>Cortex</i> , 1999, 35, 549-560.	2.4	79

#	ARTICLE	IF	CITATIONS
19	Neuropsychologic Correlates of Brain White Matter Lesions Depicted on MR Images: 1921 Aberdeen Birth Cohort. <i>Radiology</i> , 2001, 221, 51-55.	7.3	74
20	Cerebellar brain volume accounts for variance in cognitive performance in older adults. <i>Cortex</i> , 2011, 47, 441-450.	2.4	74
21	The use of FDG-PET in assessing axillary lymph node status in breast cancer: a systematic review and meta-analysis of the literature. <i>Breast Cancer Research and Treatment</i> , 2010, 123, 281-290.	2.5	68
22	Anticholinergic Drugs in Late Life: Adverse Effects on Cognition but not on Progress to Dementia. <i>Journal of Alzheimer's Disease</i> , 2012, 30, 253-261.	2.6	50
23	Brain structural complexity and life course cognitive change. <i>NeuroImage</i> , 2012, 61, 694-701.	4.2	50
24	Improving the cost-effectiveness of photographic screening for diabetic macular oedema: a prospective, multi-centre, UK study. <i>British Journal of Ophthalmology</i> , 2014, 98, 1042-1049.	3.9	48
25	A brain imaging repository of normal structural MRI across the life course: Brain Images of Normal Subjects (BRAINS). <i>NeuroImage</i> , 2017, 144, 299-304.	4.2	46
26	Inter-individual Differences in fMRI Entropy Measurements in Old Age. <i>IEEE Transactions on Biomedical Engineering</i> , 2011, 58, 3206-3214.	4.2	44
27	Generality and specificity in cognitive aging: A volumetric brain analysis. <i>NeuroImage</i> , 2006, 30, 1433-1440.	4.2	43
28	Openness to experience and activity engagement facilitate the maintenance of verbal ability in older adults.. <i>Psychology and Aging</i> , 2012, 27, 849-854.	1.6	43
29	How the 1932 and 1947 mental surveys of Aberdeen schoolchildren provide a framework to explore the childhood origins of late onset disease and disability. <i>Maturitas</i> , 2011, 69, 365-372.	2.4	42
30	Is retaining the youthful functional anatomy underlying speed of information processing a signature of successful cognitive ageing? An event-related fMRI study of inspection time performance. <i>NeuroImage</i> , 2008, 41, 581-595.	4.2	41
31	Reserve, Brain Changes, and Decline. <i>Neuroimaging Clinics of North America</i> , 2012, 22, 99-105.	1.0	38
32	Structural brain complexity and cognitive decline in late life " A longitudinal study in the Aberdeen 1936 Birth Cohort. <i>NeuroImage</i> , 2014, 100, 558-563.	4.2	36
33	Fuzzy approximate entropy analysis of resting state fMRI signal complexity across the adult life span. <i>Medical Engineering and Physics</i> , 2015, 37, 1082-1090.	1.7	35
34	Intellectual engagement and cognitive ability in later life (the "use it or lose it" conjecture): longitudinal, prospective study. <i>BMJ: British Medical Journal</i> , 2018, 363, k4925.	2.3	35
35	Baseline MRI delivery characteristics predict change in invasive ductal breast carcinoma PET metabolism as a result of primary chemotherapy administration. <i>Annals of Oncology</i> , 2006, 17, 1393-1398.	1.2	27
36	Brain lesions, hypertension and cognitive ageing in the 1921 and 1936 Aberdeen birth cohorts. <i>Age</i> , 2012, 34, 451-459.	3.0	27

#	ARTICLE	IF	CITATIONS
37	Cerebral correlates of cognitive reserve. <i>Psychiatry Research - Neuroimaging</i> , 2016, 247, 65-70.	1.8	26
38	Increased diastolic blood pressure is associated with MRI biomarkers of dementia-related brain pathology in normative ageing. <i>Age and Ageing</i> , 2018, 47, 95-100.	1.6	26
39	Life course socioeconomic status and the decline in information processing speed in late life. <i>Social Science and Medicine</i> , 2016, 151, 130-138.	3.8	25
40	Electrophysiological entropy in younger adults, older controls and older cognitively declined adults. <i>Brain Research</i> , 2012, 1445, 1-10.	2.2	24
41	Exploring possible neural mechanisms of intelligence differences using processing speed and working memory tasks: An fMRI study. <i>Intelligence</i> , 2009, 37, 199-206.	3.0	23
42	Early Life Socioeconomic Circumstance and Late Life Brain Hyperintensities – A Population Based Cohort Study. <i>PLoS ONE</i> , 2014, 9, e88969.	2.5	23
43	Klotho, APOE ϵ 4, cognitive ability, brain size, atrophy, and survival: a study in the Aberdeen Birth Cohort of 1936. <i>Neurobiology of Aging</i> , 2017, 55, 91-98.	3.1	22
44	Cortical Thickness and Surface Area Networks in Healthy Aging, Alzheimer’s Disease and Behavioral Variant Fronto-Temporal Dementia. <i>International Journal of Neural Systems</i> , 2019, 29, 1850055.	5.2	21
45	Homocysteine, antioxidant micronutrients and late onset dementia. <i>European Journal of Nutrition</i> , 2014, 53, 277-285.	3.9	20
46	Shape analysis of 123I-N- β -fluoropropyl-2- β -carbomethoxy-3-(4-iodophenyl) nortropine single-photon emission computed tomography images in the assessment of patients with parkinsonian syndromes. <i>Nuclear Medicine Communications</i> , 2009, 30, 194-201.	1.1	19
47	Brain Volume and Survival from Age 78 to 85: The Contribution of Alzheimer’s Type Magnetic Resonance Imaging Findings. <i>Journal of the American Geriatrics Society</i> , 2010, 58, 688-695.	2.6	19
48	The effects of renal variation upon measurements of perfusion and leakage volume in breast tumours. <i>Physics in Medicine and Biology</i> , 2004, 49, 2041-2051.	3.0	18
49	Brain hyperintensity location determines outcome in the triad of impaired cognition, physical health and depressive symptoms: A cohort study in late life. <i>Archives of Gerontology and Geriatrics</i> , 2016, 63, 49-54.	3.0	18
50	Genetic and environmental factors in late onset dementia: possible role for early parental death. <i>International Journal of Geriatric Psychiatry</i> , 2013, 28, 75-81.	2.7	16
51	Regional cerebral blood flow and aberrant motor behaviour in Alzheimer’s disease. <i>Behavioural Brain Research</i> , 2011, 222, 375-379.	2.2	13
52	The use of SPAMM to assess spatial distortion due to static field inhomogeneity in dental MRI. <i>Physics in Medicine and Biology</i> , 2001, 46, 1357-1367.	3.0	12
53	Childhood intelligence and brain white matter hyperintensities predict fluid intelligence age 78–81 years: a 1921 Aberdeen birth cohort study. <i>Age and Ageing</i> , 2011, 40, 562-567.	1.6	12
54	DEPRESSIVE SYMPTOMS IN LATE LIFE AND CEREBROVASCULAR DISEASE: THE IMPORTANCE OF INTELLIGENCE AND LESION LOCATION. <i>Depression and Anxiety</i> , 2013, 30, 77-84.	4.1	12

#	ARTICLE	IF	CITATIONS
55	A comparison of measurement methods of hippocampal atrophy rate for predicting Alzheimer's dementia in the Aberdeen Birth Cohort of 1936. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2017, 6, 31-39.	2.4	12
56	What are the earlier life contributions to reserve and resilience?. <i>Neurobiology of Aging</i> , 2019, 83, 135-139.	3.1	12
57	Do brain image databanks support understanding of normal ageing brain structure? A systematic review. <i>European Radiology</i> , 2012, 22, 1385-1394.	4.5	11
58	Late-life deficits in cognitive, physical and emotional functions, childhood intelligence and occupational profile: a life-course examination of the Aberdeen 1936 Birth Cohort (ABC1936). <i>Age and Ageing</i> , 2016, 45, 486-493.	1.6	10
59	Imprinting methylation predicts hippocampal volumes and hyperintensities and the change with age in later life. <i>Scientific Reports</i> , 2021, 11, 943.	3.3	10
60	SeHCAT retention values as measured with a collimated and an uncollimated gamma camera. <i>Nuclear Medicine Communications</i> , 2013, 34, 718-721.	1.1	8
61	Improvement in DMSA imaging using adaptive noise reduction. <i>Nuclear Medicine Communications</i> , 2012, 33, 1212-1216.	1.1	7
62	Autologous ¹¹¹ In-ε-labelled platelet scan as a predictor of splenectomy outcome in <sc>ITP</sc>. <i>British Journal of Haematology</i> , 2019, 184, 1043-1045.	2.5	7
63	Klotho gene polymorphism, brain structure and cognition in early-life development. <i>Brain Imaging and Behavior</i> , 2020, 14, 213-225.	2.1	5
64	Motion During Acquisition is Associated With fMRI Brain Entropy. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020, 24, 586-593.	6.3	4
65	Aspirin moderates the association between cardiovascular risk, brain white matter hyperintensity total lesion volume and processing speed in normal ageing. <i>Maturitas</i> , 2020, 133, 49-53.	2.4	4
66	Sexual dimorphism in the relationship between brain complexity, volume and general intelligence (g): a cross-cohort study. <i>Scientific Reports</i> , 2022, 12, .	3.3	4
67	Detectability of small objects in PET/computed tomography phantom images with Bayesian penalised likelihood reconstruction. <i>Nuclear Medicine Communications</i> , 2020, Publish Ahead of Print, 666-673.	1.1	3
68	Degeneration of basal and limbic networks is a core feature of behavioural variant frontotemporal dementia. <i>Brain Communications</i> , 2021, 3, fcab241.	3.3	3
69	Cognitive Test Scores and Progressive Cognitive Decline in the Aberdeen 1921 and 1936 Birth Cohorts. <i>Brain Sciences</i> , 2022, 12, 318.	2.3	1
70	Predicting response using MRI enhancement characteristics when response is determined using change in enhancement pattern: a potential for bias?. <i>Breast Cancer Research and Treatment</i> , 2006, 97, 111-111.	2.5	0
71	The role of redo-Sentinel Lymph Node Biopsy in patients with prior ipsilateral breast cancer surgery. <i>Clinical Breast Cancer</i> , 2022, , .	2.4	0