

Brian T Gold

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

3,987
citations

136950

32
h-index

123424

61
g-index

75
all docs

75
docs citations

75
times ranked

5742
citing authors

#	ARTICLE	IF	CITATIONS
1	Ironsmith: An automated pipeline for QSM-based data analyses. <i>NeuroImage</i> , 2022, 249, 118835.	4.2	8
2	Amyloid-PET Levels in the Precuneus and Posterior Cingulate Cortices Are Associated with Executive Function Scores in Preclinical Alzheimer's Disease Prior to Overt Global Amyloid Positivity. <i>Journal of Alzheimer's Disease</i> , 2022, 88, 1127-1135.	2.6	5
3	Brain arteriolosclerosis. <i>Acta Neuropathologica</i> , 2021, 141, 1-24.	7.7	85
4	Water exchange rate across the blood-brain barrier is associated with CSF amyloid β 42 in healthy older adults. <i>Alzheimer's and Dementia</i> , 2021, 17, 2020-2029.	0.8	31
5	White Matter Hyperintensity Volume and Location: Associations With WM Microstructure, Brain Iron, and Cerebral Perfusion. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 617947.	3.4	14
6	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
7	Healthy dietary intake moderates the effects of age on brain iron concentration and working memory performance. <i>Neurobiology of Aging</i> , 2021, 106, 183-196.	3.1	12
8	Treatment of obsessive-compulsive disorder with frontopolar multifocal transcranial direct current stimulation and exposure and response prevention: A case Series. <i>Brain Stimulation</i> , 2021, 14, 1431-1433.	1.6	1
9	MarkVCID cerebral small vessel consortium: II. Neuroimaging protocols. <i>Alzheimer's and Dementia</i> , 2021, 17, 716-725.	0.8	45
10	Multi-vendor and multisite evaluation of cerebrovascular reactivity mapping using hypercapnia challenge. <i>NeuroImage</i> , 2021, 245, 118754.	4.2	7
11	Executive dysfunction is the earliest sign of preclinical Alzheimer's disease detected by regional Ab β -PET SUVr in the precuneus and posterior cingulate cortex. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0
12	Education does not protect cognitive function from brain pathology in the ADNI 2 cohort. <i>Neurobiology of Aging</i> , 2020, 90, 147-149.	3.1	8
13	Cortical iron disrupts functional connectivity networks supporting working memory performance in older adults. <i>NeuroImage</i> , 2020, 223, 117309.	4.2	16
14	Cardiorespiratory fitness diminishes the effects of age on white matter hyperintensity volume. <i>PLoS ONE</i> , 2020, 15, e0236986.	2.5	11
15	Water exchange across blood-brain barrier is associated with CSF amyloid β 42 level in healthy older adults. <i>Alzheimer's and Dementia</i> , 2020, 16, e036794.	0.8	1
16	Non-fasting High-Density Lipoprotein Is Associated With White Matter Microstructure in Healthy Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 100.	3.4	4
17	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
18	P4007: A COMBINATION OF ESSENTIAL FATTY ACIDS, PANAX GINSENG EXTRACT, AND GREEN TEA CATECHINS SIGNIFICANTLY INCREASES BRAIN ACTIVATION AND FUNCTIONAL CONNECTIVITY DURING AN FMRI TASK IN HEALTHY OLDER ADULTS. <i>Alzheimer's and Dementia</i> , 2018, 14, P1433.	0.8	0

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19	ICâ€œ196: A COMBINATION OF ESSENTIAL FATTY ACIDS, PANAX GINSENG EXTRACT, AND GREEN TEA CATECHINS SIGNIFICANTLY INCREASES BRAIN ACTIVATION AND FUNCTIONAL CONNECTIVITY DURING AN FMRI TASK IN HEALTHY OLDER ADULTS. <i>Alzheimer's and Dementia</i> , 2018, 14, P162.	0.8	0
20	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
21	A Mild Traumatic Brain Injury in Mice Produces Lasting Deficits in Brain Metabolism. <i>Journal of Neurotrauma</i> , 2018, 35, 2435-2447.	3.4	36
22	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
23	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
24	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
25	Endothelial Function Is Associated with White Matter Microstructure and Executive Function in Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 255.	3.4	15
26	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
27	Lifelong bilingualism, cognitive reserve and Alzheimer's disease. <i>Linguistic Approaches To Bilingualism</i> , 2016, 6, 171-189.	0.9	4
28	Cardiorespiratory fitness modifies the relationship between myocardial function and cerebral blood flow in older adults. <i>NeuroImage</i> , 2016, 131, 126-132.	4.2	14
29	White matter microstructure contributes to age-related declines in task-induced deactivation of the default mode network. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 194.	3.4	21
30	Executive control, brain aging and bilingualism. <i>Cortex</i> , 2015, 73, 369-370.	2.4	7
31	Reduced Frontal Cortex Efficiency is Associated with Lower White Matter Integrity in Aging. <i>Cerebral Cortex</i> , 2015, 25, 138-146.	2.9	59
32	Longitudinal alterations to brain function, structure, and cognitive performance in healthy older adults: A fMRI-DTI study. <i>Neuropsychologia</i> , 2015, 71, 225-235.	1.6	45
33	Evidence for reduced efficiency and successful compensation in older adults during task switching. <i>Cortex</i> , 2015, 64, 352-362.	2.4	45
34	Lifelong bilingualism and neural reserve against Alzheimer's disease: A review of findings and potential mechanisms. <i>Behavioural Brain Research</i> , 2015, 281, 9-15.	2.2	70
35	Left middle temporal and inferior frontal regions contribute to speed of lexical decision: A TMS study. <i>Brain and Cognition</i> , 2015, 93, 11-17.	1.8	18
36	Age-related increases in right frontal activation during task switching are mediated by reaction time and white matter microstructure. <i>Neuroscience</i> , 2014, 278, 51-61.	2.3	29

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37	Conflict adaptation in prefrontal cortex: Now you see it, now you don't. <i>Cortex</i> , 2014, 50, 76-85.	2.4	51
38	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
39	Frontal white matter integrity in adults with Down syndrome with and without dementia. <i>Neurobiology of Aging</i> , 2014, 35, 1562-1569.	3.1	72
40	P2-015: LOSSES IN FRONTAL WHITE MATTER INTEGRITY IN ADULTS WITH DOWN SYNDROME WITH AND WITHOUT DEMENTIA. , 2014, 10, P475-P475.		0
41	Socioeconomic status is positively correlated with frontal white matter integrity in aging. <i>Age</i> , 2013, 35, 2045-2056.	3.0	28
42	Lifelong Bilingualism Maintains Neural Efficiency for Cognitive Control in Aging. <i>Journal of Neuroscience</i> , 2013, 33, 387-396.	3.6	300
43	Lifelong bilingualism contributes to cognitive reserve against white matter integrity declines in aging. <i>Neuropsychologia</i> , 2013, 51, 2841-2846.	1.6	152
44	Combined ERP/fMRI evidence for early word recognition effects in the posterior inferior temporal gyrus. <i>Cortex</i> , 2013, 49, 2307-2321.	2.4	46
45	White matter integrity and vulnerability to Alzheimer's disease: Preliminary findings and future directions. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 416-422.	3.8	132
46	Preface for the special issue of imaging brain aging and neurodegenerative disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 315-316.	3.8	1
47	Common and distinct neural mechanisms of attentional switching and response conflict. <i>Brain Research</i> , 2012, 1469, 92-102.	2.2	30
48	Cardiorespiratory fitness is positively correlated with cerebral white matter integrity in healthy seniors. <i>NeuroImage</i> , 2012, 59, 1514-1523.	4.2	144
49	Multimodal Imaging Evidence for Axonal and Myelin Deterioration in Amnesic Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2012, 31, S19-S31.	2.6	15
50	Domain general and domain preferential brain regions associated with different types of task switching: A Meta-analysis. <i>Human Brain Mapping</i> , 2012, 33, 130-142.	3.6	252
51	Alzheimer's Disease in Down Syndrome. <i>European Journal of Neurodegenerative Disease</i> , 2012, 1, 353-364.	0.0	66
52	Task Deactivation Reductions and Atrophy within Parietal Default Mode Regions are Overlapping but Only Weakly Correlated in Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2011, 27, 415-427.	2.6	9
53	Common and Distinct Mechanisms of Cognitive Flexibility in Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2011, 31, 4771-4779.	3.6	176
54	Functional response in ventral temporal cortex differentiates mild cognitive impairment from normal aging. <i>Human Brain Mapping</i> , 2010, 31, 1249-1259.	3.6	24

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55	Neural correlates of cross-domain affective priming. <i>Brain Research</i> , 2010, 1329, 142-151.	2.2	66
56	Alterations in multiple measures of white matter integrity in normal women at high risk for Alzheimer's disease. <i>NeuroImage</i> , 2010, 52, 1487-1494.	4.2	108
57	Age-related slowing of task switching is associated with decreased integrity of frontoparietal white matter. <i>Neurobiology of Aging</i> , 2010, 31, 512-522.	3.1	154
58	White matter diffusion alterations in normal women at risk of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2010, 31, 1122-1131.	3.1	93
59	Evidence that volume of anterior medial temporal lobe is reduced in seniors destined for mild cognitive impairment. <i>Neurobiology of Aging</i> , 2010, 31, 1099-1106.	3.1	73
60	Aging Influences the Neural Correlates of Lexical Decision but Not Automatic Semantic Priming. <i>Cerebral Cortex</i> , 2009, 19, 2671-2679.	2.9	40
61	Brain responses to repeated visual experience among low and high sensation seekers: Role of boredom susceptibility. <i>Psychiatry Research - Neuroimaging</i> , 2009, 173, 100-106.	1.8	24
62	Hemispheric Asymmetries in Tracking Occluded Moving Targets with the Mind's Eye: Simultaneous Event-Related fMRI and Eye-Movement Recording. <i>Brain Imaging and Behavior</i> , 2008, 2, 300-308.	2.1	6
63	Neural Correlates of Morphological Decomposition during Visual Word Recognition. <i>Journal of Cognitive Neuroscience</i> , 2008, Early Access, 080219115128817-11.	2.3	0
64	Neural Correlates of Morphological Decomposition during Visual Word Recognition. <i>Journal of Cognitive Neuroscience</i> , 2007, 19, 1983-1993.	2.3	94
65	Speed of lexical decision correlates with diffusion anisotropy in left parietal and frontal white matter: Evidence from diffusion tensor imaging. <i>Neuropsychologia</i> , 2007, 45, 2439-2446.	1.6	105
66	Human experience seeking correlates with hippocampus volume: Convergent evidence from manual tracing and voxel-based morphometry. <i>Neuropsychologia</i> , 2007, 45, 2874-2881.	1.6	33
67	Consistency and regularity in past-tense verb generation in healthy ageing, Alzheimer's disease, and semantic dementia. <i>Cognitive Neuropsychology</i> , 2006, 23, 856-876.	1.1	39
68	Dissociation of Automatic and Strategic Lexical-Semantics: Functional Magnetic Resonance Imaging Evidence for Differing Roles of Multiple Frontotemporal Regions. <i>Journal of Neuroscience</i> , 2006, 26, 6523-6532.	3.6	273
69	Differing neuropsychological and neuroanatomical correlates of abnormal reading in early-stage semantic dementia and dementia of the Alzheimer type. <i>Neuropsychologia</i> , 2005, 43, 833-846.	1.6	43
70	Common and Dissociable Activation Patterns Associated with Controlled Semantic and Phonological Processing: Evidence from fMRI Adaptation. <i>Cerebral Cortex</i> , 2005, 15, 1438-1450.	2.9	146
71	Common Prefrontal Regions Coactivate with Dissociable Posterior Regions during Controlled Semantic and Phonological Tasks. <i>Neuron</i> , 2002, 35, 803-812.	8.1	333
72	Preserved Visual Lexicosemantics in Global Aphasia: A Right-Hemisphere Contribution?. <i>Brain and Language</i> , 2000, 75, 359-375.	1.6	8

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73	Chapter 9. Bilingualism, cognitive reserve and Alzheimer's disease. <i>Studies in Bilingualism</i> , 0, , 185-203.	0.2	3
74	Enlarged Perivascular Spaces Are Negatively Associated With Montreal Cognitive Assessment Scores in Older Adults. <i>Frontiers in Neurology</i> , 0, 13, .	2.4	7