Thomas J Grabowski

List of Publications by Year
in descending order

78	8,474	117571	88593
papers	citations	34	70
		h-index	g-index

80	80	80	9810
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Subcortical and cortical brain activity during the feeling of self-generated emotions. Nature Neuroscience, 2000, 3, 1049-1056.	7.1	1,934
2	A neural basis for lexical retrieval. Nature, 1996, 380, 499-505.	13.7	1,547
3	Novel amyloid precursor protein mutation in an Iowa family with dementia and severe cerebral amyloid angiopathy. Annals of Neurology, 2001, 49, 697-705.	2.8	481
4	Sexual dimorphism and asymmetries in the gray–white composition of the human cerebrum. NeuroImage, 2003, 18, 880-894.	2.1	364
5	Premotor and Prefrontal Correlates of Category-Related Lexical Retrieval. NeuroImage, 1998, 7, 232-243.	2.1	354
6	Normal neuroanatomical variation in the human brain: An MRI-volumetric study. American Journal of Physical Anthropology, 2002, 118, 341-358.	2.1	293
7	A role for left temporal pole in the retrieval of words for unique entities. Human Brain Mapping, 2001, 13, 199-212.	1.9	283
8	Neural Correlates of Naming Actions and of Naming Spatial Relations. NeuroImage, 2001, 13, 1053-1064.	2.1	239
9	Phase I/II randomized trial of aerobic exercise in Parkinson disease in a community setting. Neurology, 2014, 83, 413-425.	1.5	180
10	A Neural Signature of Phonological Access: Distinguishing the Effects of Word Frequency from Familiarity and Length in Overt Picture Naming. Journal of Cognitive Neuroscience, 2007, 19, 617-631.	1.1	157
11	The neural substrates of cognitive empathy. Social Neuroscience, 2007, 2, 254-275.	0.7	149
12	The Left Posterior Superior Temporal Gyrus Participates Specifically in Accessing Lexical Phonology. Journal of Cognitive Neuroscience, 2008, 20, 1698-1710.	1.1	147
13	Novel Alzheimer Disease Risk Loci and Pathways in African American Individuals Using the African Genome Resources Panel. JAMA Neurology, 2021, 78, 102.	4.5	144
14	Evaluation of Field Map and Nonlinear Registration Methods for Correction of Susceptibility Artifacts in Diffusion MRI. Frontiers in Neuroinformatics, 2017, 11, 17.	1.3	139
15	The neural correlates of sign versus word production. NeuroImage, 2007, 36, 202-208.	2.1	136
16	Lesion segmentation and manual warping to a reference brain: Intra- and interobserver reliability. , 2000, 9, 192-211.		129
17	Introduction to the Non-rigid Image Registration Evaluation Project (NIREP). Lecture Notes in Computer Science, 2006, , 128-135.	1.0	111
18	Effects of noun?verb homonymy on the neural correlates of naming concrete entities and actions. Brain and Language, 2005, 92, 288-299.	0.8	105

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19	Evaluation of voxel-based morphometry for focal lesion detection in individuals. NeuroImage, 2003, 20, 1438-1454.	2.1	98
20	Disconnection's renaissance takes shape: Formal incorporation in group-level lesion studies. Cortex, 2008, 44, 1084-1096.	1.1	90
21	Dynamic Connectivity at Rest Predicts Attention Task Performance. Brain Connectivity, 2015, 5, 45-59.	0.8	79
22	Naming the Same Entities from Visual or from Auditory Stimulation Engages Similar Regions of Left Inferotemporal Cortices. Journal of Cognitive Neuroscience, 2005, 17, 1293-1305.	1.1	76
23	Thresholding lesion overlap difference maps: Application to category-related naming and recognition deficits. NeuroImage, 2008, 41, 970-984.	2.1	67
24	FTO genotype impacts food intake and corticolimbic activation. American Journal of Clinical Nutrition, 2018, 107, 145-154.	2.2	60
25	The Biology of Linguistic Expression Impacts Neural Correlates for Spatial Language. Journal of Cognitive Neuroscience, 2013, 25, 517-533.	1.1	58
26	How sensory-motor systems impact the neural organization for language: direct contrasts between spoken and signed language. Frontiers in Psychology, 2014, 5, 484.	1.1	58
27	Genetic data and cognitively defined late-onset Alzheimer's disease subgroups. Molecular Psychiatry, 2020, 25, 2942-2951.	4.1	57
28	Effects of gender on blood flow correlates of naming concrete entities. NeuroImage, 2003, 20, 940-954.	2.1	56
29	Sign language and pantomime production differentially engage frontal and parietal cortices. Language and Cognitive Processes, 2011, 26, 878-901.	2.3	56
30	Precision Medicine. American Journal of Pathology, 2016, 186, 500-506.	1.9	49
31	Overview of the cholinergic contribution to gait, balance and falls in Parkinson's disease. Parkinsonism and Related Disorders, 2019, 63, 20-30.	1.1	49
32	Executive attention networks show altered relationship with default mode network in PD. NeuroImage: Clinical, 2017, 13, 1-8.	1.4	46
33	Cerebral perfusion and cortical thickness indicate cortical involvement in mild Parkinson's disease. Movement Disorders, 2015, 30, 1893-1900.	2.2	42
34	Cognitive associations with comprehensive gait and static balance measures in Parkinson's disease. Parkinsonism and Related Disorders, 2019, 69, 104-110.	1.1	41
35	Real-time multiple linear regression for fMRI supported by time-aware acquisition and processing. Magnetic Resonance in Medicine, 2001, 45, 289-298.	1.9	39
36	Directional patterns of cross frequency phase and amplitude coupling within the resting state mimic patterns of fMRI functional connectivity. NeuroImage, 2016, 128, 238-251.	2.1	38

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37	The neural circuits recruited for the production of signs and fingerspelled words. Brain and Language, 2016, 160, 30-41.	0.8	37
38	Brainhack: a collaborative workshop for the open neuroscience community. GigaScience, 2016, 5, 16.	3.3	34
39	Multimodal Characterization of the Late Effects of Traumatic Brain Injury: A Methodological Overview of the Late Effects of Traumatic Brain Injury Project. Journal of Neurotrauma, 2018, 35, 1604-1619.	1.7	32
40	Cranial Magnetic Resonance Imaging in Elderly American Indians: Design, Methods, and Implementation of the Cerebrovascular Disease and Its Consequences in American Indians Study. Neuroepidemiology, 2016, 47, 67-75.	1.1	31
41	Model assessment and model building in fMRI. Human Brain Mapping, 2003, 20, 227-238.	1.9	30
42	Age-Related Differences in the Dynamic Architecture of Intrinsic Networks. Brain Connectivity, 2014, 4, 231-241.	0.8	29
43	Residual naming after damage to the left temporal pole: a PET activation study. NeuroImage, 2003, 19, 846-860.	2.1	26
44	Non-invasive detection of high gamma band activity during motor imagery. Frontiers in Human Neuroscience, 2014, 8, 817.	1.0	26
45	Diagnostic Classification of ADHD Versus Control: Support Vector Machine Classification Using Brief Neuropsychological Assessment. Journal of Attention Disorders, 2020, 24, 1547-1556.	1.5	25
46	Group comparison of spatiotemporal dynamics of intrinsic networks in Parkinson's disease. Brain, 2015, 138, 2672-2686.	3.7	24
47	Using Make for Reproducible and Parallel Neuroimaging Workflow and Quality-Assurance. Frontiers in Neuroinformatics, 2016, 10, 2.	1.3	22
48	Running Neuroimaging Applications on Amazon Web Services: How, When, and at What Cost?. Frontiers in Neuroinformatics, 2017, 11, 63.	1.3	17
49	Findings of Vascular Brain Injury and Structural Loss from Cranial Magnetic Resonance Imaging in Elderly American Indians: The Strong Heart Study. Neuroepidemiology, 2017, 48, 39-47.	1.1	16
50	Brain regulation of appetite in twins. American Journal of Clinical Nutrition, 2016, 103, 314-322.	2.2	15
51	Adaptive pacing of visual stimulation for fMRI studies involving overt speech. NeuroImage, 2006, 29, 1023-1030.	2.1	14
52	Posterior Cingulate Lactate as a Metabolic Biomarker in Amnestic Mild Cognitive Impairment. BioMed Research International, 2015, 2015, 1-13.	0.9	14
53	Regional Patterns of Cortical Phase Synchrony in the Resting State. Brain Connectivity, 2016, 6, 470-481.	0.8	14
54	Central Nervous System and Peripheral Hormone Responses to a Meal in Children. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 1471-1483.	1.8	11

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55	Vascular Risk Factors and Findings on Brain MRI of Elderly Adult American Indians: The Strong Heart Study. Neuroepidemiology, 2019, 52, 173-180.	1.1	10
56	Association of Performance on Dichotic Auditory Tests With Risk for Incident Dementia and Alzheimer Dementia. JAMA Otolaryngology - Head and Neck Surgery, 2022, 148, 20.	1.2	10
57	Definition, clinical features and neuroanatomical basis of dementia. , 2004, , 1-33.		10
58	Total Brain and Hippocampal Volumes and Cognition in Older American Indians. Alzheimer Disease and Associated Disorders, 2017, 31, 94-100.	0.6	9
59	Salience network connectivity is reduced by a meal and influenced by genetic background and hypothalamic gliosis. International Journal of Obesity, 2020, 44, 167-177.	1.6	9
60	Empirical Comparison of Diffusion Kurtosis Imaging and Diffusion Basis Spectrum Imaging Using the Same Acquisition in Healthy Young Adults. Frontiers in Neurology, 2017, 8, 118.	1.1	8
61	Effect of Dopaminergic Medications on Blood Oxygen Level-Dependent Variability and Functional Connectivity in Parkinson's Disease and Healthy Aging. Brain Connectivity, 2019, 9, 554-565.	0.8	6
62	Relationships Between Sensorimotor Inhibition and Mobility in Older Adults With and Without Parkinsonâ€™s Disease. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 630-637.	1.7	6
63	Reassessing relationships between appetite and adiposity in people at risk of obesity: A twin study using fMRI. Physiology and Behavior, 2021, 239, 113504.	1.0	5
64	Involving People with Memory Loss in the Development of a Patient Handbook: A Strengths-Based Approach. Social Work, 2018, 63, 357-366.	0.6	4
65	Celebrating the 125th anniversary of the American Psychological Association: A quarter century of neuropsychology.. Neuropsychology, 2017, 31, 843-845.	1.0	4
66	The source of residual temporal autocorrelation in fMRI time series. NeuroImage, 2001, 13, 228.	2.1	3
67	Sensorimotor Inhibition and Mobility in Genetic Subgroups of Parkinson's Disease. Frontiers in Neurology, 2020, 11, 893.	1.1	3
68	Increased Basal Ganglia Modulatory Effective Connectivity Observed in Resting-State fMRI in Individuals With Parkinsonâ€™s Disease. Frontiers in Aging Neuroscience, 2022, 14, 719089.	1.7	3
69	COMPREHENSION. CONTINUUM Lifelong Learning in Neurology, 2010, 16, 45-58.	0.4	2
70	Alzheimerâ€™s Disease-Related Neuropathology Among Patients with Medication Treated Type 2 Diabetes in a Community-Based Autopsy Cohort. Journal of Alzheimer's Disease, 2021, 83, 1303-1312.	1.2	2
71	More to MCI than meets the eye. Cortex, 2008, 44, 753-756.	1.1	1
72	Language treatment prior to anterior temporal lobe surgery: Can naming skills be preserved?. Journal of Rehabilitation Research and Development, 2016, 53, 813-826.	1.6	1

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73	Lifestyle Risk Factors and Findings on Brain Magnetic Resonance Imaging of Older Adult American Indians: The Strong Heart Study. Neuroepidemiology, 2019, 53, 162-168.	1.1	1
74	Leveraging Neuroimaging Tools to Assess Precision and Accuracy in an Alzheimer's Disease Neuropathologic Sampling Protocol. Frontiers in Neuroscience, 2021, 15, 693242.	1.4	1
75	Attention Network Test fMRI data for participants with Parkinson's disease and healthy elderly. F1000Research, 2019, 8, 780.	0.8	1
76	Characterizing cross-subject spatial interaction patterns in functional magnetic resonance imaging studies: A two-stage point-process model. Biometrical Journal, 2017, 59, 1352-1381.	0.6	0
77	Behavioral Neurology. , 2003, , 243-267.		0
78	Behavioral Neurology. , 2009, , 259-287.		0