Mary Pat McAndrews

List of Publications by Year
in descending order

138 papers	9,247 citations	38742 50 h-index	43889 91 g-index
146 all docs	146 docs citations	146 times ranked	9530 citing authors

#	Article	IF	Citations
1	A phase I trial of deep brain stimulation of memory circuits in Alzheimer's disease. Annals of Neurology, 2010, 68, 521-534.	5.3	685
2	Functional neuroanatomy of remote episodic, semantic and spatial memory: a unified account based on multiple trace theory. Journal of Anatomy, 2005, 207, 35-66.	1.5	669
3	Memory enhancement induced by hypothalamic/fornix deep brain stimulation. Annals of Neurology, 2008, 63, 119-123.	5.3	455
4	Recollective qualities modulate hippocampal activation during autobiographical memory retrieval. Hippocampus, 2004, 14, 752-762.	1.9	319
5	Anhedonia and Reward-Circuit Connectivity Distinguish Nonresponders from Responders to Dorsomedial Prefrontal Repetitive Transcranial Magnetic Stimulation in Major Depression. Biological Psychiatry, 2014, 76, 176-185.	1.3	281
6	A Phase II Study of Fornix Deep Brain Stimulation in Mild Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2016, 54, 777-787.	2.6	263
7	Characterizing spatial and temporal features of autobiographical memory retrieval networks: a partial least squares approach. NeuroImage, 2004, 23, 1460-1471.	4.2	246
8	Remote Episodic Memory Deficits in Patients with Unilateral Temporal Lobe Epilepsy and Excisions. Journal of Neuroscience, 2000, 20, 5853-5857.	3.6	217
9	The frontal cortex and memory for temporal order. Neuropsychologia, 1991, 29, 849-859.	1.6	189
10	Prevalence and significance of neurocognitive dysfunction in hepatitis C in the absence of correlated risk factors. Hepatology, 2005, 41, 801-808.	7.3	188
11	Consequences of hippocampal damage across the autobiographical memory network in left temporal lobe epilepsy. Brain, 2007, 130, 2327-2342.	7.6	183
12	Human Anterior Cingulate Cortex Neurons Encode Cognitive and Emotional Demands. Journal of Neuroscience, 2005, 25, 8402-8406.	3.6	177
13	Deep Brain Stimulation Influences Brain Structure in Alzheimer's Disease. Brain Stimulation, 2015, 8, 645-654.	1.6	162
14	Increased Cerebral Metabolism After 1 Year of Deep Brain Stimulation in Alzheimer Disease. Archives of Neurology, 2012, 69, 1141-8.	4.5	148
15	Semantic Priming of Lexical Decisions in Young and Old Adults. Journal of Gerontology, 1981, 36, 707-714.	1.9	144
16	Information Needs and Decisional Preferences among Women with Ovarian Cancer. Gynecologic Oncology, 2000, 77, 357-361.	1.4	141
17	Men with prostate cancer. Journal of Psychosomatic Research, 2000, 49, 13-19.	2.6	136
18	Episodic memory processes mediated by the medial temporal lobes contribute to open-ended problem solving. Neuropsychologia, 2011, 49, 2439-2447.	1.6	130

#	Article	IF	Citations
19	Well-being in informal caregivers of survivors of acute respiratory distress syndrome*. Critical Care Medicine, 2006, 34, 81-86.	0.9	123
20	Default mode network connectivity indicates episodic memory capacity in mesial temporal lobe epilepsy. Epilepsia, 2013, 54, 809-818.	5.1	123
21	Functional and Effective Hippocampalâ€"Neocortical Connectivity During Construction and Elaboration of Autobiographical Memory Retrieval. Cerebral Cortex, 2015, 25, 1297-1305.	2.9	119
22	Functional MRI of phonological and semantic processing in temporal lobe epilepsy. Brain, 2001, 124, 1218-1227.	7.6	117
23	Discovering biomarkers for antidepressant response: protocol from the Canadian biomarker integration network in depression (CAN-BIND) and clinical characteristics of the first patient cohort. BMC Psychiatry, 2016, 16, 105.	2.6	114
24	No Association between Intraoperative Hypothermia or Supplemental Protective Drug and Neurologic Outcomes in Patients Undergoing Temporary Clipping during Cerebral Aneurysm Surgery. Anesthesiology, 2010, 112, 86-101.	2.5	113
25	Developmental patterns in priming and familiarity in explicit recollection. Journal of Experimental Child Psychology, 2002, 82, 251-277.	1.4	108
26	Prefrontal and hippocampal contributions to the generation and binding of semantic associations during successful encoding. NeuroImage, 2006, 33, 1194-1206.	4.2	103
27	When priming persists: Long-lasting implicit memory for a single episode in amnesic patients. Neuropsychologia, 1987, 25, 497-506.	1.6	88
28	Material-specific deficits in â€œrememberingâ€•in patients with unilateral temporal lobe epilepsy and excisions. Neuropsychologia, 2002, 40, 1335-1342.	1.6	88
29	Effects of Maternal Hypothyroidism on Offspring Hippocampus and Memory. Thyroid, 2014, 24, 576-584.	4.5	87
30	EEG Power Asymmetry and Functional Connectivity as a Marker of Treatment Effectiveness in DBS Surgery for Depression. Neuropsychopharmacology, 2014, 39, 1270-1281.	5.4	86
31	Rule-based and exemplar-based classification in artificial grammar learning. Memory and Cognition, 1985, 13, 469-475.	1.6	82
32	Determinants of autobiographical memory in patients with unilateral temporal lobe epilepsy or excisionsâ˜†. Neuropsychologia, 2009, 47, 2211-2221.	1.6	81
33	Distinct hippocampal functional networks revealed by tractography-based parcellation. Brain Structure and Function, 2016, 221, 2999-3012.	2.3	80
34	Epilepsy: Transition from pediatric to adult care. Recommendations of the Ontario epilepsy implementation task force. Epilepsia, 2017, 58, 1502-1517.	5.1	74
35	Self-reported Depressive Symptoms and Memory Complaints in Survivors Five Years After ARDS. Chest, 2011, 140, 1484-1493.	0.8	70
36	Deep Brain Stimulation Targeting the Fornix for Mild Alzheimer Dementia (the ADvance Trial): A Two Year Follow-up Including Results of Delayed Activation. Journal of Alzheimer's Disease, 2018, 64, 597-606.	2.6	69

#	Article	IF	Citations
37	Altered Resting State Brain Dynamics in Temporal Lobe Epilepsy Can Be Observed in Spectral Power, Functional Connectivity and Graph Theory Metrics. PLoS ONE, 2013, 8, e68609.	2.5	69
38	Alcoholâ€Related Dementia in the Institutionalized Elderly. Alcoholism: Clinical and Experimental Research, 1994, 18, 1330-1334.	2.4	67
39	Self-Reported Symptoms of Depression and Memory Dysfunction in Survivors of ARDS. Chest, 2009, 135, 678-687.	0.8	67
40	Memory for famous people in patients with unilateral temporal lobe epilepsy and excisions.. Neuropsychology, 2002, 16, 472-480.	1.3	66
41	Linking DMN connectivity to episodic memory capacity: What can we learn from patients with medial temporal lobe damage?. NeuroImage: Clinical, 2014, 5, 188-196.	2.7	66
42	PERIOPERATIVE FEVER AND OUTCOME IN SURGICAL PATIENTS WITH ANEURYSMAL SUBARACHNOID HEMORRHAGE. Neurosurgery, 2009, 64, 897-908.	1.1	65
43	Efficacy and tolerability of the Modified Atkins Diet in adults with pharmacoresistant epilepsy: A prospective observational study. Epilepsia, 2011, 52, 775-780.	5.1	65
44	Characterizing the Normal Developmental Trajectory of Expressive Language Lateralization Using Magnetoencephalography. Journal of the International Neuropsychological Society, 2011, 17, 896-904.	1.8	64
45	The perceptual richness of complex memory episodes is compromised by medial temporal lobe damage. Hippocampus, 2014, 24, 560-576.	1.9	60
46	The comparative effectiveness of electroencephalographic indices in predicting response to escitalopram therapy in depression: A pilot study. Journal of Affective Disorders, 2018, 227, 542-549.	4.1	59
47	Neural correlates of incidental memory in mild cognitive impairment: An fMRI study. Neurobiology of Aging, 2009, 30, 717-730.	3.1	57
48	Cognitive effects of long-term benzodiazepine use in older adults. Human Psychopharmacology, 2003, 18, 51-57.	1.5	55
49	Tremor cells in the human thalamus: differences among neurological disorders. Journal of Neurosurgery, 2004, 101, 43-47.	1.6	54
50	Effect of Nitrous Oxide Use on Long-term Neurologic and Neuropsychological Outcome in Patients Who Received Temporary Proximal Artery Occlusion during Cerebral Aneurysm Clipping Surgery. Anesthesiology, 2009, 110, 563-573.	2.5	54
51	Hippocampal Size and Memory Functioning in Children and Adolescents with Congenital Hypothyroidism. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E1427-E1434.	3.6	53
52	Comparing language lateralization determined by dichotic listening and fMRI activation in frontal and temporal lobes in children with epilepsy. Brain and Language, 2006, 96, 106-114.	1.6	49
53	Use of Machine Learning for Predicting Escitalopram Treatment Outcome From Electroencephalography Recordings in Adult Patients With Depression. JAMA Network Open, 2020, 3, e1918377.	5.9	49
54	Semantic Activation During Memory Encoding Across the Adult Life Span. Journal of Gerontology, 1980, 35, 884-890.	1.9	47

#	Article	IF	Citations
55	fMRI differences in encoding and retrieval of pictures due to encoding strategy in the elderly. Human Brain Mapping, 2004, 21, 1-14.	3.6	45
56	The retrieval of perceptual memory details depends on right hippocampal integrity and activation. Cortex, 2016, 84, 15-33.	2.4	45
57	Changes in patterns of neural activity underlie a timeâ€dependent transformation of memory in rats and humans. Hippocampus, 2018, 28, 745-764.	1.9	45
58	The temporal unraveling of autobiographical memory narratives in patients with temporal lobe epilepsy or excisions. Hippocampus, 2011, 21, 409-421.	1.9	42
59	Beyond Consent in Research. Cambridge Quarterly of Healthcare Ethics, 2014, 23, 361-368.	0.8	41
60	Intrahemispheric reorganization of language in children with medically intractable epilepsy of the left hemisphere. Journal of the International Neuropsychological Society, 2007, 13, 505-16.	1.8	40
61	Deep Brain Stimulation and Ethics: Perspectives from a Multisite Qualitative Study of Canadian Neurosurgical Centers. World Neurosurgery, 2011, 76, 537-547.	1.3	40
62	A pilot, openâ€label, 8â€week study evaluating the efficacy, safety and tolerability of adjunctive minocycline for the treatment of bipolar I/II depression. Bipolar Disorders, 2017, 19, 198-213.	1.9	39
63	Perioperative Hypothermia (33Â°C) Does Not Increase the Occurrence of Cardiovascular Events in Patients Undergoing Cerebral Aneurysm Surgery. Anesthesiology, 2010, 113, 327-342.	2.5	39
64	Visualâ€"spatial ability and fMRI cortical activation in surgery residents. American Journal of Surgery, 2007, 193, 507-510.	1.8	38
65	Recollection versus strength as the primary determinant of hippocampal engagement at retrieval. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 22451-22455.	7.1	38
66	Social inference deficits in temporal lobe epilepsy and lobectomy: risk factors and neural substrates. Social Cognitive and Affective Neuroscience, 2015, 10, 636-644.	3.0	38
67	Neurocognitive and Seizure Outcomes of Selective Amygdalohippocampectomy versus Anterior Temporal Lobectomy for Mesial Temporal Lobe Epilepsy. Epilepsy Research & Treatment, 2014, 2014, 1-8.	1.4	37
68	Hippocampalâ€"neocortical networks differ during encoding and retrieval of relational memory: Functional and effective connectivity analyses. Neuropsychologia, 2010, 48, 3272-3281.	1.6	36
69	Hope and patients' expectations in deep brain stimulation: healthcare providers' perspectives and approaches. Journal of Clinical Ethics, 2010, 21, 112-24.	0.3	36
70	Postoperative memory prediction in left temporal lobe epilepsy: The Wada test is of no added value to preoperative neuropsychological assessment and MRI. Epilepsy and Behavior, 2009, 16, 335-340.	1.7	34
71	Affect intensity and the appraisal of emotion. Journal of Research in Personality, 1986, 20, 447-459.	1.7	33
72	Influence of hepatitis C virus on neurocognitive function in patients free from other risk factors: validation from therapeutic outcomes. Liver International, 2011, 31, 1028-1038.	3.9	33

#	Article	IF	Citations
73	Dissociating patterns of anterior and posterior hippocampal activity and connectivity during distinct forms of category fluency. Neuropsychologia, 2016, 90, 148-158.	1.6	33
74	Neuropsychology in Temporal Lobe Epilepsy: Influences from Cognitive Neuroscience and Functional Neuroimaging. Epilepsy Research & Treatment, 2012, 2012, 1-13.	1.4	32
75	Language network measures at rest indicate individual differences in naming decline after anterior temporal lobe resection. Human Brain Mapping, 2018, 39, 4404-4419.	3.6	32
76	Understanding medial temporal activation in memory tasks: Evidence from fMRI of encoding and recognition in a case of transient global amnesia. Hippocampus, 2008, 18, 317-325.	1.9	31
77	The Toronto Cognitive Assessment (TorCA): normative data and validation to detect amnestic mild cognitive impairment. Alzheimer's Research and Therapy, 2018, 10, 65.	6.2	30
78	Parcellation of the Hippocampus Using Resting Functional Connectivity in Temporal Lobe Epilepsy. Frontiers in Neurology, 2019, 10, 920.	2.4	29
79	Advantages of sentence-level fMRI language tasks in presurgical language mapping for temporal lobe epilepsy. Epilepsy and Behavior, 2014, 32, 114-120.	1.7	28
80	Cognitive safety of dorsomedial prefrontal repetitive transcranial magnetic stimulation in major depression. European Neuropsychopharmacology, 2016, 26, 1213-1226.	0.7	28
81	Standardization of electroencephalography for multi-site, multi-platform and multi-investigator studies: insights from the canadian biomarker integration network in depression. Scientific Reports, 2017, 7, 7473.	3.3	28
82	Visuospatial Associative Memory and Hippocampal Functioning in Congenital Hypothyroidism. Journal of the International Neuropsychological Society, 2012, 18, 49-56.	1.8	27
83	Characterizing Functional Integrity: Intraindividual Brain Signal Variability Predicts Memory Performance in Patients with Medial Temporal Lobe Epilepsy. Journal of Neuroscience, 2013, 33, 9855-9865.	3.6	27
84	Associative reinstatement: A novel approach to assessing associative memory in patients with unilateral temporal lobe excisions. Neuropsychologia, 2009, 47, 2989-2994.	1.6	26
85	The immediacy of recollection: The use of the historical present in narratives of autobiographical episodes by patients with unilateral temporal lobe epilepsy. Neuropsychologia, 2011, 49, 1171-1176.	1.6	26
86	Hippocampal Functioning and Verbal Associative Memory in Adolescents with Congenital Hypothyroidism. Frontiers in Endocrinology, 2015, 6, 163.	3.5	26
87	A Review of Social and Relational Aspects of Deep Brain Stimulation in Parkinson's Disease Informed by Healthcare Provider Experiences. Parkinson's Disease, 2011, 2011, 1-8.	1.1	25
88	The medial temporal lobe in nociception: a meta-analytic and functional connectivity study. Pain, 2019, 160, 1245-1260.	4.2	25
89	Different neural routes to autobiographical memory recall in healthy people and individuals with left medial temporal lobe epilepsy. Neuropsychologia, 2018, 110, 26-36.	1.6	24
90	Predicting mood decline following temporal lobe epilepsy surgery in adults. Epilepsia, 2021, 62, 450-459.	5.1	24

#	Article	IF	Citations
91	Effects of Early Thyroid Hormone Deficiency on Children's Autobiographical Memory Performance. Journal of the International Neuropsychological Society, 2013, 19, 419-429.	1.8	23
92	Using multivariate data reduction to predict postsurgery memory decline in patients with mesial temporal lobe epilepsy. Epilepsy and Behavior, 2014, 31, 220-227.	1.7	22
93	Pupillary responses and memory-guided visual search reveal age-related and Alzheimerâ€™s-related memory decline. Behavioural Brain Research, 2017, 322, 351-361.	2.2	22
94	Nomograms to Predict Verbal Memory Decline After Temporal Lobe Resection in Adults With Epilepsy. Neurology, 2021, 97, .	1.1	22
95	Accuracy of episodic autobiographical memory in children with early thyroid hormone deficiency using a staged event. Developmental Cognitive Neuroscience, 2014, 9, 1-11.	4.0	21
96	Hippocampal Complex Contribution to Retention and Retrieval of Recent and Remote Episodic and Semantic Memories: Evidence from Behavioral and Neuroimaging Studies of Healthy and Brain-Damaged People. , 2005, , 333-380.		20
97	Network Alterations Supporting Word Retrieval in Patients with Medial Temporal Lobe Epilepsy. Journal of Cognitive Neuroscience, 2011, 23, 2605-2619.	2.3	20
98	MRI in the evaluation of localizationâ€related epilepsy. Journal of Magnetic Resonance Imaging, 2016, 44, 12-22.	3.4	20
99	Episodic simulation and empathy in older adults and patients with unilateral medial temporal lobe excisions. Neuropsychologia, 2019, 135, 107243.	1.6	19
100	Sleep Fragmentation and Cognitive Trajectories After Critical Illness. Chest, 2021, 159, 366-381.	0.8	19
101	Memory for famous people in patients with unilateral temporal lobe epilepsy and excisions. Neuropsychology, 2002, 16, 472-80.	1.3	19
102	Associative reinstatement memory measures hippocampal function in Parkinson's Disease. Neuropsychologia, 2016, 90, 25-32.	1.6	18
103	Applications of Resting-State Functional MR Imaging to Epilepsy. Neuroimaging Clinics of North America, 2017, 27, 697-708.	1.0	18
104	Sleep on the ward in intensive care unit survivors: a case series of polysomnography. Internal Medicine Journal, 2018, 48, 795-802.	0.8	17
105	Semantic congruence affects hippocampal response to repetition of visual associations. Neuropsychologia, 2016, 90, 235-242.	1.6	16
106	Identification of neural networks preferentially engaged by epileptogenic mass lesions through lesion network mapping analysis. Scientific Reports, 2020, 10, 10989.	3.3	16
107	Transfer effects in implicit tests of memory.. Journal of Experimental Psychology: Learning Memory and Cognition, 1990, 16, 772-788.	0.9	14
108	Cognitive and functional correlates of accelerated long-term forgetting in temporal lobe epilepsy. Cortex, 2019, 110, 101-114.	2.4	14

#	Article	IF	Citations
109	Network interactions explain effective encoding in the context of medial temporal damage in MCI. Human Brain Mapping, 2011, 32, 1277-1289.	3.6	13
110	Functional and Structural Correlates of Memory in Patients with Mesial Temporal Lobe Epilepsy. Frontiers in Neurology, 2015, 6, 103.	2.4	13
111	Material-specific and non-specific attention deficits in children and adolescents following temporal-lobe surgery. Neuropsychologia, 2000, 38, 292-303.	1.6	12
112	Intracarotid Etomidate is a Safe Alternative to Sodium Amobarbital for the Wada Test. Journal of Neurosurgical Anesthesiology, 2013, 25, 408-413.	1.2	11
113	A study protocol for an observational cohort investigating COGnitive outcomes and WELLness in survivors of critical illness: the COGWELL study. BMJ Open, 2017, 7, e015600.	1.9	11
114	Investigating Agenesis of the Corpus Callosum Using Functional MRI: A Study Examining Interhemispheric Coordination of Motor Control. , 2011, 21, 65-68.		9
115	Affect Intensity and Self-Consciousness in College Students. Psychological Reports, 1986, 58, 148-150.	1.7	8
116	The sign of the cross as a learned ictal automatism?. Epilepsy and Behavior, 2009, 15, 394-398.	1.7	7
117	Memory Assessment in the Clinical Context Using Functional Magnetic ResonanceÂImaging. Neuroimaging Clinics of North America, 2014, 24, 585-597.	1.0	7
118	Language Representation Following Left MCA Stroke in Children and Adults: An fMRI Study. Canadian Journal of Neurological Sciences, 2017, 44, 483-497.	0.5	7
119	Actigraphic measures of sleep on the wards after ICU discharge. Journal of Critical Care, 2019, 54, 163-169.	2.2	7
120	Infusing cognitive neuroscience into the clinical neuropsychology of memory. Current Opinion in Behavioral Sciences, 2020, 32, 94-101.	3.9	7
121	Chronic (Rasmussenâ€™s) Encephalitis in an Adult. Canadian Journal of Neurological Sciences, 2003, 30, 263-265.	0.5	6
122	I remember therefore I am: Episodic memory retrieval and self-reported trait empathy judgments in young and older adults and individuals with medial temporal lobe excisions. Cognition, 2022, 225, 105124.	2.2	6
123	Self-report of memory and affective dysfunction in association with medication use in a sample of individuals with chronic sleep disturbance. Human Psychopharmacology, 2000, 15, 583-587.	1.5	5
124	Theta burst transcranial magnetic stimulation to induce seizures in an epilepsy monitoring unit. Brain Stimulation, 2020, 13, 1800-1802.	1.6	5
125	Baseline resting-state functional connectivity determines subsequent pain ratings to a tonic ecologically valid experimental model of orofacial pain. Pain, 2021, 162, 2397-2404.	4.2	5
126	Research Consent for Deep Brain Stimulation in Treatment-Resistant Depression: Balancing Risk With Patient Expectations. AJOB Neuroscience, 2011, 2, 39-41.	1.1	4

#	Article	IF	Citations
127	Psychological distress, resilience and mental health resources in a Canadian hospital during COVID-19: Thoughts in preparing for the next wave. General Hospital Psychiatry, 2021, 69, 124-125.	2.4	4
128	Intact perceptual and conceptual priming in temporal lobe epilepsy: Neuroanatomical and methodological implications.. Neuropsychology, 2002, 16, 92-101.	1.3	4
129	Remote memory and temporal lobe epilepsy. , 2012, , 227-243.		4
130	Functional Imaging of the Double Cortex. Canadian Journal of Neurological Sciences, 2004, 31, 254-256.	0.5	3
131	Impact of Mesial Temporal Lobe Resection on Brain Structure in Medically Refractory Epilepsy. World Neurosurgery, 2021, 152, e652-e665.	1.3	3
132	Seizure Recurrence 29 Years After Hemispherectomy for Sturge Weber Syndrome. Canadian Journal of Neurological Sciences, 2010, 37, 141-144.	0.5	2
133	The Hippocampus and Episodic Memory in Children. Journal of the International Neuropsychological Society, 2013, 19, 1027-1030.	1.8	2
134	Clinical Utility of Resting State Functional MRI. Contemporary Clinical Neuroscience, 2018, , 59-79.	0.3	2
135	Response: Predicting mood decline following temporal lobe epilepsy surgery in adults. Epilepsia, 2021, 62, 1283-1284.	5.1	2
136	Memory for famous people in patients with unilateral temporal lobe epilepsy and excisions.. Neuropsychology, 2002, 16, 472-480.	1.3	2
137	Lateralizing magnetic resonance imaging findings in mesial temporal sclerosis and correlation with seizure and neurocognitive outcome after temporal lobectomy. Epilepsy Research, 2021, 171, 106562.	1.6	1
138	Cover Image, Volume 28, Issue 10. Hippocampus, 2018, 28, C1.	1.9	0