

Jerome J Maller

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

111
papers

4,281
citations

37
h-index

62
g-index

114
ext. papers

4,989
ext. citations

4.1
avg, IF

5.28
L-index

#	Paper	IF	Citations
111	A meta-analytic study of changes in brain activation in depression. <i>Human Brain Mapping</i> , 2008 , 29, 683-95	9.5	668
110	A randomized trial of rTMS targeted with MRI based neuro-navigation in treatment-resistant depression. <i>Neuropsychopharmacology</i> , 2009 , 34, 1255-62	8.7	222
109	Long-interval cortical inhibition from the dorsolateral prefrontal cortex: a TMS-EEG study. <i>Neuropsychopharmacology</i> , 2008 , 33, 2860-9	8.7	177
108	The EADC-ADNI Harmonized Protocol for manual hippocampal segmentation on magnetic resonance: evidence of validity. <i>Alzheimer's and Dementia</i> , 2015 , 11, 111-25	1.2	137
107	Optimal transcranial magnetic stimulation coil placement for targeting the dorsolateral prefrontal cortex using novel magnetic resonance image-guided neuronavigation. <i>Human Brain Mapping</i> , 2010 , 31, 1643-52	5.9	124
106	Superior temporal gyrus volume change in schizophrenia: a review on region of interest volumetric studies. <i>Brain Research Reviews</i> , 2009 , 61, 14-32		115
105	Exploring the optimal site for the localization of dorsolateral prefrontal cortex in brain stimulation experiments. <i>Brain Stimulation</i> , 2009 , 2, 234-7	5.1	101
104	Hippocampal volumetrics in depression: the importance of the posterior tail. <i>Hippocampus</i> , 2007 , 17, 1023-7	3.5	88
103	Association between cognitive performance and functional outcome following traumatic brain injury: a longitudinal multilevel examination. <i>Neuropsychology</i> , 2012 , 26, 604-12	3.8	84
102	Corpus callosum size, reaction time speed and variability in mild cognitive disorders and in a normative sample. <i>Neuropsychologia</i> , 2007 , 45, 1911-20	3.2	84
101	Vestibular insights into cognition and psychiatry. <i>Brain Research</i> , 2013 , 1537, 244-59	3.7	75
100	Traumatic brain injury, major depression, and diffusion tensor imaging: making connections. <i>Brain Research Reviews</i> , 2010 , 64, 213-40		75
99	Hippocampus, amygdala and global brain changes 10 years after childhood traumatic brain injury. <i>International Journal of Developmental Neuroscience</i> , 2011 , 29, 137-43	2.7	72
98	GABA and cortical inhibition in motor and non-motor regions using combined TMS-EEG: a time analysis. <i>Clinical Neurophysiology</i> , 2009 , 120, 1706-10	4.3	68
97	The brain reserve hypothesis, brain atrophy and aging. <i>Gerontology</i> , 2007 , 53, 82-95	5.5	68
96	A double blind randomized trial of unilateral left and bilateral prefrontal cortex transcranial magnetic stimulation in treatment resistant major depression. <i>Journal of Affective Disorders</i> , 2012 , 139, 193-8	6.6	65
95	Suicidal behavior is associated with reduced corpus callosum area. <i>Biological Psychiatry</i> , 2011 , 70, 320-6	7.9	65

94	Volumetric, cortical thickness and white matter integrity alterations in bipolar disorder type I and II. <i>Journal of Affective Disorders</i> , 2014 , 169, 118-27	6.6	61
93	White matter integrity following traumatic brain injury: the association with severity of injury and cognitive functioning. <i>Brain Topography</i> , 2013 , 26, 648-60	4.3	58
92	Sex and symmetry differences in hippocampal volumetrics: before and beyond the opening of the crus of the fornix. <i>Hippocampus</i> , 2006 , 16, 80-90	3.5	54
91	Scale and pattern of atrophy in the chronic stages of moderate-severe TBI. <i>Frontiers in Human Neuroscience</i> , 2014 , 8, 67	3.3	53
90	Hippocampal volume is positively associated with behavioural inhibition (BIS) in a large community-based sample of mid-life adults: the PATH through life study. <i>Social Cognitive and Affective Neuroscience</i> , 2008 , 3, 262-9	4	50
89	Cortical inhibition in motor and non-motor regions: a combined TMS-EEG study. <i>Clinical EEG and Neuroscience</i> , 2008 , 39, 112-7	2.3	50
88	Hippocampal volumetrics in treatment-resistant depression and schizophrenia: the devil is in de-tail. <i>Hippocampus</i> , 2012 , 22, 9-16	3.5	47
87	The long-term effects of sports concussion on retired Australian football players: a study using transcranial magnetic stimulation. <i>Journal of Neurotrauma</i> , 2014 , 31, 1139-45	5.4	47
86	Weekly alcohol consumption, brain atrophy, and white matter hyperintensities in a community-based sample aged 60 to 64 years. <i>Psychosomatic Medicine</i> , 2006 , 68, 778-85	3.7	47
85	Occipital bending in depression. <i>Brain</i> , 2014 , 137, 1830-7	11.2	46
84	Total and regional gray matter volume is not related to APOE*E4 status in a community sample of middle-aged individuals. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2008 , 63, 501-4	6.4	46
83	Education modulates the impact of white matter lesions on the risk of mild cognitive impairment and dementia. <i>American Journal of Geriatric Psychiatry</i> , 2014 , 22, 1336-45	6.5	45
82	Detecting lesions after traumatic brain injury using susceptibility weighted imaging: a comparison with fluid-attenuated inversion recovery and correlation with clinical outcome. <i>Journal of Neurotrauma</i> , 2013 , 30, 2038-50	5.4	45
81	Accelerometers for the Assessment of Concussion in Male Athletes: A Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , 2017 , 47, 469-478	10.6	44
80	Unilateral and bilateral MRI-targeted repetitive transcranial magnetic stimulation for treatment-resistant depression: a randomized controlled study. <i>Journal of Psychiatry and Neuroscience</i> , 2016 , 41, E58-66	4.5	44
79	Acute motor, neurocognitive and neurophysiological change following concussion injury in Australian amateur football. A prospective multimodal investigation. <i>Journal of Science and Medicine in Sport</i> , 2015 , 18, 500-6	4.4	42
78	Regional cortical volume and cognitive functioning following traumatic brain injury. <i>Brain and Cognition</i> , 2013 , 83, 34-44	2.7	42
77	Wavelet Common Spatial Pattern in asynchronous offline brain computer interfaces. <i>Biomedical Signal Processing and Control</i> , 2011 , 6, 121-128	4.9	42

76	Volumetrics of the caudate nucleus: reliability and validity of a new manual tracing protocol. <i>Psychiatry Research - Neuroimaging</i> , 2008 , 163, 279-88	2.9	41
75	Revealing the Hippocampal Connectome through Super-Resolution 1150-Direction Diffusion MRI. <i>Scientific Reports</i> , 2019 , 9, 2418	4.9	37
74	Lifetime major depression and grey-matter volume. <i>Journal of Psychiatry and Neuroscience</i> , 2019 , 44, 45-53	4.5	37
73	A magnetic resonance imaging study of the entorhinal cortex in treatment-resistant depression. <i>Psychiatry Research - Neuroimaging</i> , 2008 , 163, 133-42	2.9	36
72	GWAS-identified risk variants for major depressive disorder: Preliminary support for an association with late-life depressive symptoms and brain structural alterations. <i>European Neuropsychopharmacology</i> , 2016 , 26, 113-125	1.2	34
71	An investigation of medial temporal lobe changes and cognition following antidepressant response: a prospective rTMS study. <i>Brain Stimulation</i> , 2013 , 6, 346-54	5.1	34
70	Hippocampus and amygdala volumes in a random community-based sample of 60-64 year olds and their relationship to cognition. <i>Psychiatry Research - Neuroimaging</i> , 2007 , 156, 185-97	2.9	33
69	Hormone replacement therapy, brain volumes and white matter in postmenopausal women aged 60-64 years. <i>NeuroReport</i> , 2006 , 17, 101-4	1.7	32
68	Transcranial magnetic stimulation for depression after a traumatic brain injury: a case study. <i>Journal of ECT</i> , 2011 , 27, 38-40	2	31
67	Environmental enrichment may protect against hippocampal atrophy in the chronic stages of traumatic brain injury. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 506	3.3	30
66	Morphology of the corpus callosum in treatment-resistant schizophrenia and major depression. <i>Acta Psychiatrica Scandinavica</i> , 2009 , 120, 265-73	6.5	30
65	Implications of reduced callosal area for social skills after severe traumatic brain injury in children. <i>Journal of Neurotrauma</i> , 2009 , 26, 1645-54	5.4	29
64	Caudate volumes in public transportation workers exposed to trauma in the Stockholm train system. <i>Psychiatry Research - Neuroimaging</i> , 2009 , 171, 138-43	2.9	29
63	Brain connectivity in body dysmorphic disorder compared with controls: a diffusion tensor imaging study. <i>Psychological Medicine</i> , 2013 , 43, 2513-21	6.9	28
62	Blood oxygenation changes modulated by coil orientation during prefrontal transcranial magnetic stimulation. <i>Brain Stimulation</i> , 2013 , 6, 576-81	5.1	27
61	Diffusion tensor imaging reveals no white matter impairments among adults with autism spectrum disorder. <i>Psychiatry Research - Neuroimaging</i> , 2015 , 233, 64-72	2.9	26
60	Neurophysiological and cognitive impairment following repeated sports concussion injuries in retired professional rugby league players. <i>Brain Injury</i> , 2018 , 32, 498-505	2.1	26
59	Clinical and neuroimaging correlates of mild cognitive impairment in a middle-aged community sample: the personality and total health through life 60+ study. <i>Dementia and Geriatric Cognitive Disorders</i> , 2006 , 21, 44-50	2.6	25

58	Major depression and electrovestibulography. <i>World Journal of Biological Psychiatry</i> , 2015 , 16, 334-50	3.8	23
57	Caudate nucleus volumes in stroke and vascular dementia. <i>Psychiatry Research - Neuroimaging</i> , 2009 , 174, 67-75	2.9	23
56	The (Eigen)value of diffusion tensor imaging to investigate depression after traumatic brain injury. <i>Human Brain Mapping</i> , 2014 , 35, 227-37	5.9	22
55	Spatial distribution of cerebral white matter lesions predicts progression to mild cognitive impairment and dementia. <i>PLoS ONE</i> , 2013 , 8, e56972	3.7	22
54	Increased left hemisphere impairment in high-functioning autism: a tract based spatial statistics study. <i>Psychiatry Research - Neuroimaging</i> , 2014 , 224, 119-23	2.9	21
53	Hippocampal and amygdalar volumes in relation to handedness in adults aged 60-64. <i>NeuroReport</i> , 2004 , 15, 2825-9	1.7	20
52	Regional brain volumes in body dysmorphic disorder compared to controls. <i>Australian and New Zealand Journal of Psychiatry</i> , 2014 , 48, 654-62	2.6	19
51	A Pilot Investigation of Repetitive Transcranial Magnetic Stimulation for Post-Traumatic Brain Injury Depression: Safety, Tolerability, and Efficacy. <i>Journal of Neurotrauma</i> , 2019 , 36, 2092-2098	5.4	18
50	Establishing magnetic resonance images orientation for the EADC-ADNI manual hippocampal segmentation protocol. <i>Journal of Neuroimaging</i> , 2014 , 24, 509-14	2.8	18
49	A near infra-red study of blood oxygenation changes resulting from high and low frequency repetitive transcranial magnetic stimulation. <i>Brain Stimulation</i> , 2013 , 6, 922-4	5.1	17
48	Blood oxygenation changes resulting from suprathreshold transcranial magnetic stimulation. <i>Brain Stimulation</i> , 2011 , 4, 165-8	5.1	17
47	Impaired upper alpha synchronisation during working memory retention in depression and depression following traumatic brain injury. <i>Biological Psychology</i> , 2014 , 99, 115-24	3.2	16
46	A comparative study of the effects of repetitive paired transcranial magnetic stimulation on motor cortical excitability. <i>Journal of Neuroscience Methods</i> , 2007 , 165, 265-9	3	16
45	Gender-specific structural abnormalities in major depressive disorder revealed by fixel-based analysis. <i>NeuroImage: Clinical</i> , 2019 , 21, 101668	5.3	15
44	Occipital bending (Yakovlevian torque) in bipolar depression. <i>Psychiatry Research - Neuroimaging</i> , 2015 , 231, 8-14	2.9	15
43	Bipolar disorder in the balance. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2019 , 269, 761-775	5.75	15
42	Brain volumes in late life: gender, hormone treatment, and estrogen receptor variants. <i>Neurobiology of Aging</i> , 2014 , 35, 645-54	5.6	15
41	Volumetrics relate to the development of depression after traumatic brain injury. <i>Behavioural Brain Research</i> , 2014 , 271, 147-53	3.4	15

40	Occipital bending in schizophrenia. <i>Australian and New Zealand Journal of Psychiatry</i> , 2017 , 51, 32-41	2.6	14
39	Blood oxygenation changes resulting from trains of low frequency transcranial magnetic stimulation. <i>Cortex</i> , 2012 , 48, 487-91	3.8	14
38	Corpus callosum size may predict late-life depression in women: a 10-year follow-up study. <i>Journal of Affective Disorders</i> , 2014 , 165, 16-23	6.6	13
37	Altered hippocampal function in major depression despite intact structure and resting perfusion. <i>Psychological Medicine</i> , 2016 , 46, 2157-68	6.9	13
36	Cognitive and volumetric predictors of response to repetitive transcranial magnetic stimulation (rTMS) - a prospective follow-up study. <i>Psychiatry Research - Neuroimaging</i> , 2012 , 202, 12-9	2.9	12
35	Hippocampal sulcal cavities: prevalence, risk factors and relationship to memory impairment. <i>Brain Research</i> , 2011 , 1368, 222-30	3.7	12
34	Intensity dependent repetitive transcranial magnetic stimulation modulation of blood oxygenation. <i>Journal of Affective Disorders</i> , 2012 , 136, 1243-6	6.6	11
33	Brain morphometry in blind and sighted subjects. <i>Journal of Clinical Neuroscience</i> , 2016 , 33, 89-95	2.2	9
32	Toward personalised diffusion MRI in psychiatry: improved delineation of fibre bundles with the highest-ever angular resolution in vivo tractography. <i>Translational Psychiatry</i> , 2018 , 8, 91	8.6	9
31	An exploratory analysis of Go/Nogo event-related potentials in major depression and depression following traumatic brain injury. <i>Psychiatry Research - Neuroimaging</i> , 2014 , 224, 324-34	2.9	9
30	Depression in elderly persons subject to childhood maltreatment is not modulated by corpus callosum and hippocampal loss. <i>Journal of Affective Disorders</i> , 2012 , 141, 294-9	6.6	9
29	White matter correlates of episodic memory encoding and retrieval in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2016 , 254, 188-98	2.9	9
28	Increased gamma connectivity during working memory retention following traumatic brain injury. <i>Brain Injury</i> , 2017 , 31, 379-389	2.1	8
27	Is occipital bending a structural biomarker of risk for depression and sensitivity to treatment?. <i>Journal of Clinical Neuroscience</i> , 2019 , 63, 55-61	2.2	8
26	Using thermographic cameras to investigate eye temperature and clinical severity in depression. <i>Journal of Biomedical Optics</i> , 2016 , 21, 26001	3.5	7
25	Bilateral volume reduction in posterior hippocampus in psychosis of epilepsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019 , 90, 688-694	5.5	6
24	Neural evidence that conscious awareness of errors is reduced in depression following a traumatic brain injury. <i>Biological Psychology</i> , 2015 , 106, 1-10	3.2	6
23	Reduced cortical thickness in body dysmorphic disorder. <i>Psychiatry Research - Neuroimaging</i> , 2017 , 259, 25-28	2.9	5

22	Repatriation is associated with isthmus cingulate cortex reduction in community-dwelling elderly. <i>World Journal of Biological Psychiatry</i> , 2018 , 19, 421-430	3.8	5
21	Hippocampal sulcal cavities in depression and healthy individuals. <i>Journal of Affective Disorders</i> , 2013 , 150, 785-9	6.6	4
20	Replicable brain signatures of emotional bias and memory based on diffusion kurtosis imaging of white matter tracts. <i>Human Brain Mapping</i> , 2020 , 41, 1274-1285	5.9	4
19	Smaller hippocampal volume in current but not in past depression in comparison to healthy controls: Minor evidence from an older adults sample. <i>Journal of Psychiatric Research</i> , 2018 , 102, 159-167 ⁵⁻²	5.2	3
18	Arterial Spin Labeling Techniques 2009-2014. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2016 , 47, 98-107	1.4	3
17	Neuroplasticity in normal and brain injured patients: potential relevance of ear wiggling locus of control and cortical projections. <i>Medical Hypotheses</i> , 2014 , 83, 838-43	3.8	3
16	Use of intracranial and ocular thermography before and after arteriovenous malformation excision. <i>Journal of Biomedical Optics</i> , 2014 , 19, 110503	3.5	3
15	Structural brain alterations in older adults exposed to early-life adversity. <i>Psychoneuroendocrinology</i> , 2021 , 129, 105272	5	3
14	Does Exposure to Diagnostic Ultrasound Modulate Human Nerve Responses to Magnetic Stimulation?. <i>Ultrasound in Medicine and Biology</i> , 2016 , 42, 2950-2956	3.5	3
13	Increased Serum C-reactive Protein and Corpus Callosum Alterations in Older Adults 2019 , 10, 463-469		2
12	Investigating the role of the corpus callosum in regulating motor overflow in multiple sclerosis. <i>Journal of Neurology</i> , 2013 , 260, 1997-2004	5.5	2
11	Reply: occipital bending in depression. <i>Brain</i> , 2015 , 138, e318	11.2	2
10	Diffusion MRI as a complementary assessment to cognition, emotion, and motor dysfunction after sports-related concussion: a systematic review and critical appraisal of the literature. <i>Brain Imaging and Behavior</i> , 2021 , 15, 1685-1704	4.1	2
9	Factors to consider when applying transcranial magnetic stimulation of dorsolateral prefrontal cortex when resting motor threshold is asymmetric: A case study. <i>Bioelectromagnetics</i> , 2016 , 37, 130-5	1.6	2
8	Commentary on "Smaller Hippocampal Volume in Current But Not in Past Depression in Comparison to Healthy Controls: Minor Evidence From an Older Adults Sample". <i>Journal of Geriatric Psychiatry and Neurology</i> , 2019 , 32, 282-284	3.8	1
7	Structural brain changes with lifetime trauma and re-experiencing symptoms is genotype-dependent. <i>Hgre Utbildning</i> , 2020 , 11, 1733247	5	1
6	Ultrasound detection of the skull-brain interface: A phantom study 2012 ,		1
5	Enlarged hippocampal fissure in psychosis of epilepsy. <i>Epilepsy and Behavior</i> , 2020 , 111, 107290	3.2	1

4	Neural activity during cognitive reappraisal in chronic low back pain: a preliminary study. <i>Scandinavian Journal of Pain</i> , 2021 , 21, 586-596	1.9	1
3	Late-life cynical hostility is associated with white matter alterations and the risk of Alzheimer's disease. <i>Psychological Medicine</i> , 2021 , 1-10	6.9	0
2	La conducta suicida se asocia a una reducción del área del cuerpo calloso. <i>Psiquiatria Biologica</i> , 2012 , 19, 31-38	0.2	
1	Response to Yucel and MacQueen's letter to the editor. <i>Hippocampus</i> , 2006 , 16, 684-684	3.5	