Jerome J Maller

List of Publications by Year in Descending Order

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	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. *Brain Imaging and Behavior*, **2021**, 15, 1685-1704	4.1	2
110	Neural activity during cognitive reappraisal in chronic low back pain: a preliminary study. *Scandinavian Journal of Pain*, **2021**, 21, 586-596	1.9	1
109	Late-life cynical hostility is associated with white matter alterations and the risk of Alzheimer's disease. *Psychological Medicine*, **2021**, 1-10	6.9	0
108	Structural brain alterations in older adults exposed to early-life adversity. *Psychoneuroendocrinology*, **2021**, 129, 105272	5	3
107	Structural brain changes with lifetime trauma and re-experiencing symptoms is genotype-dependent. *Högre Utbildning*, **2020**, 11, 1733247	5	1
106	Replicable brain signatures of emotional bias and memory based on diffusion kurtosis imaging of white matter tracts. *Human Brain Mapping*, **2020**, 41, 1274-1285	5.9	4
105	Enlarged hippocampal fissure in psychosis of epilepsy. *Epilepsy and Behavior*, **2020**, 111, 107290	3.2	1
104	Gender-specific structural abnormalities in major depressive disorder revealed by fixel-based analysis. *NeuroImage: Clinical*, **2019**, 21, 101668	5.3	15
103	A Pilot Investigation of Repetitive Transcranial Magnetic Stimulation for Post-Traumatic Brain Injury Depression: Safety, Tolerability, and Efficacy. *Journal of Neurotrauma*, **2019**, 36, 2092-2098	5.4	18
102	Increased Serum C-reactive Protein and Corpus Callosum Alterations in Older Adults **2019**, 10, 463-469		2
101	Commentary on "Smaller Hippocampal Volume in Current But Not in Past Depression in Comparison to Healthy Controls: Minor Evidence From an Older Adults Sample". *Journal of Geriatric Psychiatry and Neurology*, **2019**, 32, 282-284	3.8	1
100	Is occipital bending a structural biomarker of risk for depression and sensitivity to treatment?. *Journal of Clinical Neuroscience*, **2019**, 63, 55-61	2.2	8
99	Revealing the Hippocampal Connectome through Super-Resolution 1150-Direction Diffusion MRI. *Scientific Reports*, **2019**, 9, 2418	4.9	37
98	Lifetime major depression and grey-matter volume. *Journal of Psychiatry and Neuroscience*, **2019**, 44, 45-53	4.5	37
97	Bilateral volume reduction in posterior hippocampus in psychosis of epilepsy. *Journal of Neurology, Neurosurgery and Psychiatry*, **2019**, 90, 688-694	5.5	6
96	Bipolar disorder in the balance. *European Archives of Psychiatry and Clinical Neuroscience*, **2019**, 269, 761-775	5.1	15
95	Smaller hippocampal volume in current but not in past depression in comparison to healthy controls: Minor evidence from an older adults sample. *Journal of Psychiatric Research*, **2018**, 102, 159-167	5.2	3

94	Neurophysiological and cognitive impairment following repeated sports concussion injuries in retired professional rugby league players. *Brain Injury*, **2018**, 32, 498-505	2.1	26
93	Repatriation is associated with isthmus cingulate cortex reduction in community-dwelling elderly. *World Journal of Biological Psychiatry*, **2018**, 19, 421-430	3.8	5
92	Toward personalised diffusion MRI in psychiatry: improved delineation of fibre bundles with the highest-ever angular resolution in vivo tractography. *Translational Psychiatry*, **2018**, 8, 91	8.6	9
91	Occipital bending in schizophrenia. *Australian and New Zealand Journal of Psychiatry*, **2017**, 51, 32-41	2.6	14
90	Increased gamma connectivity during working memory retention following traumatic brain injury. *Brain Injury*, **2017**, 31, 379-389	2.1	8
89	Reduced cortical thickness in body dysmorphic disorder. *Psychiatry Research - Neuroimaging*, **2017**, 259, 25-28	2.9	5
88	Accelerometers for the Assessment of Concussion in Male Athletes: A Systematic Review and Meta-Analysis. *Sports Medicine*, **2017**, 47, 469-478	10.6	44
87	Brain morphometry in blind and sighted subjects. *Journal of Clinical Neuroscience*, **2016**, 33, 89-95	2.2	9
86	GWAS-identified risk variants for major depressive disorder: Preliminary support for an association with late-life depressive symptoms and brain structural alterations. *European Neuropsychopharmacology*, **2016**, 26, 113-125	1.2	34
85	Using thermographic cameras to investigate eye temperature and clinical severity in depression. *Journal of Biomedical Optics*, **2016**, 21, 26001	3.5	7
84	Arterial Spin Labeling Techniques 2009-2014. *Journal of Medical Imaging and Radiation Sciences*, **2016**, 47, 98-107	1.4	3
83	Unilateral and bilateral MRI-targeted repetitive transcranial magnetic stimulation for treatment-resistant depression: a randomized controlled study. *Journal of Psychiatry and Neuroscience*, **2016**, 41, E58-66	4.5	44
82	Factors to consider when applying transcranial magnetic stimulation of dorsolateral prefrontal cortex when resting motor threshold is asymmetric: A case study. *Bioelectromagnetics*, **2016**, 37, 130-5	1.6	2
81	Altered hippocampal function in major depression despite intact structure and resting perfusion. *Psychological Medicine*, **2016**, 46, 2157-68	6.9	13
80	Does Exposure to Diagnostic Ultrasound Modulate Human Nerve Responses to Magnetic Stimulation?. *Ultrasound in Medicine and Biology*, **2016**, 42, 2950-2956	3.5	3
79	White matter correlates of episodic memory encoding and retrieval in schizophrenia. *Psychiatry Research - Neuroimaging*, **2016**, 254, 188-98	2.9	9
78	The EADC-ADNI Harmonized Protocol for manual hippocampal segmentation on magnetic resonance: evidence of validity. *Alzheimers and Dementia*, **2015**, 11, 111-25	1.2	137
77	Acute motor, neurocognitive and neurophysiological change following concussion injury in Australian amateur football. A prospective multimodal investigation. *Journal of Science and Medicine in Sport*, **2015**, 18, 500-6	4.4	42

76	Diffusion tensor imaging reveals no white matter impairments among adults with autism spectrum disorder. *Psychiatry Research - Neuroimaging*, **2015**, 233, 64-72	2.9	26
75	Major depression and electrovestibulography. *World Journal of Biological Psychiatry*, **2015**, 16, 334-50	3.8	23
74	Occipital bending (Yakovlevian torque) in bipolar depression. *Psychiatry Research - Neuroimaging*, **2015**, 231, 8-14	2.9	15
73	Reply: occipital bending in depression. *Brain*, **2015**, 138, e318	11.2	2
72	Neural evidence that conscious awareness of errors is reduced in depression following a traumatic brain injury. *Biological Psychology*, **2015**, 106, 1-10	3.2	6
71	Impaired upper alpha synchronisation during working memory retention in depression and depression following traumatic brain injury. *Biological Psychology*, **2014**, 99, 115-24	3.2	16
70	Corpus callosum size may predict late-life depression in women: a 10-year follow-up study. *Journal of Affective Disorders*, **2014**, 165, 16-23	6.6	13
69	Occipital bending in depression. *Brain*, **2014**, 137, 1830-7	11.2	46
68	Establishing magnetic resonance images orientation for the EADC-ADNI manual hippocampal segmentation protocol. *Journal of Neuroimaging*, **2014**, 24, 509-14	2.8	18
67	Increased left hemisphere impairment in high-functioning autism: a tract based spatial statistics study. *Psychiatry Research - Neuroimaging*, **2014**, 224, 119-23	2.9	21
66	Brain volumes in late life: gender, hormone treatment, and estrogen receptor variants. *Neurobiology of Aging*, **2014**, 35, 645-54	5.6	15
65	Volumetrics relate to the development of depression after traumatic brain injury. *Behavioural Brain Research*, **2014**, 271, 147-53	3.4	15
64	Scale and pattern of atrophy in the chronic stages of moderate-severe TBI. *Frontiers in Human Neuroscience*, **2014**, 8, 67	3.3	53
63	The long-term effects of sports concussion on retired Australian football players: a study using transcranial magnetic stimulation. *Journal of Neurotrauma*, **2014**, 31, 1139-45	5.4	47
62	Regional brain volumes in body dysmorphic disorder compared to controls. *Australian and New Zealand Journal of Psychiatry*, **2014**, 48, 654-62	2.6	19
61	Volumetric, cortical thickness and white matter integrity alterations in bipolar disorder type I and II. *Journal of Affective Disorders*, **2014**, 169, 118-27	6.6	61
60	An exploratory analysis of Go/Nogo event-related potentials in major depression and depression following traumatic brain injury. *Psychiatry Research - Neuroimaging*, **2014**, 224, 324-34	2.9	9
59	Neuroplasticity in normal and brain injured patients: potential relevance of ear wiggling locus of control and cortical projections. *Medical Hypotheses*, **2014**, 83, 838-43	3.8	3

58	Use of intracranial and ocular thermography before and after arteriovenous malformation excision. *Journal of Biomedical Optics*, **2014**, 19, 110503	3.5	3
57	The (Eigen)value of diffusion tensor imaging to investigate depression after traumatic brain injury. *Human Brain Mapping*, **2014**, 35, 227-37	5.9	22
56	Education modulates the impact of white matter lesions on the risk of mild cognitive impairment and dementia. *American Journal of Geriatric Psychiatry*, **2014**, 22, 1336-45	6.5	45
55	Investigating the role of the corpus callosum in regulating motor overflow in multiple sclerosis. *Journal of Neurology*, **2013**, 260, 1997-2004	5.5	2
54	Vestibular insights into cognition and psychiatry. *Brain Research*, **2013**, 1537, 244-59	3.7	75
53	Blood oxygenation changes modulated by coil orientation during prefrontal transcranial magnetic stimulation. *Brain Stimulation*, **2013**, 6, 576-81	5.1	27
52	Regional cortical volume and cognitive functioning following traumatic brain injury. *Brain and Cognition*, **2013**, 83, 34-44	2.7	42
51	Hippocampal sulcal cavities in depression and healthy individuals. *Journal of Affective Disorders*, **2013**, 150, 785-9	6.6	4
50	An investigation of medial temporal lobe changes and cognition following antidepressant response: a prospective rTMS study. *Brain Stimulation*, **2013**, 6, 346-54	5.1	34
49	A near infra-red study of blood oxygenation changes resulting from high and low frequency repetitive transcranial magnetic stimulation. *Brain Stimulation*, **2013**, 6, 922-4	5.1	17
48	Detecting lesions after traumatic brain injury using susceptibility weighted imaging: a comparison with fluid-attenuated inversion recovery and correlation with clinical outcome. *Journal of Neurotrauma*, **2013**, 30, 2038-50	5.4	45
47	White matter integrity following traumatic brain injury: the association with severity of injury and cognitive functioning. *Brain Topography*, **2013**, 26, 648-60	4.3	58
46	Brain connectivity in body dysmorphic disorder compared with controls: a diffusion tensor imaging study. *Psychological Medicine*, **2013**, 43, 2513-21	6.9	28
45	Spatial distribution of cerebral white matter lesions predicts progression to mild cognitive impairment and dementia. *PLoS ONE*, **2013**, 8, e56972	3.7	22
44	Environmental enrichment may protect against hippocampal atrophy in the chronic stages of traumatic brain injury. *Frontiers in Human Neuroscience*, **2013**, 7, 506	3.3	30
43	Intensity dependent repetitive transcranial magnetic stimulation modulation of blood oxygenation. *Journal of Affective Disorders*, **2012**, 136, 1243-6	6.6	11
42	A double blind randomized trial of unilateral left and bilateral prefrontal cortex transcranial magnetic stimulation in treatment resistant major depression. *Journal of Affective Disorders*, **2012**, 139, 193-8	6.6	65
41	Cognitive and volumetric predictors of response to repetitive transcranial magnetic stimulation (rTMS) - a prospective follow-up study. *Psychiatry Research - Neuroimaging*, **2012**, 202, 12-9	2.9	12

40	Hippocampal volumetrics in treatment-resistant depression and schizophrenia: the devil's in de-tail. *Hippocampus*, **2012**, 22, 9-16	3.5	47
39	Association between cognitive performance and functional outcome following traumatic brain injury: a longitudinal multilevel examination. *Neuropsychology*, **2012**, 26, 604-12	3.8	84
38	Depression in elderly persons subject to childhood maltreatment is not modulated by corpus callosum and hippocampal loss. *Journal of Affective Disorders*, **2012**, 141, 294-9	6.6	9
37	Ultrasound detection of the skull-brain interface: A phantom study **2012**,		1
36	La conducta suicida se asocia a una reducci el rea del cuerpo calloso. *Psiquiatria Biologica*, **2012**, 19, 31-38	0.2	
35	Blood oxygenation changes resulting from trains of low frequency transcranial magnetic stimulation. *Cortex*, **2012**, 48, 487-91	3.8	14
34	Suicidal behavior is associated with reduced corpus callosum area. *Biological Psychiatry*, **2011**, 70, 320-6	7.9	65
33	Hippocampus, amygdala and global brain changes 10 years after childhood traumatic brain injury. *International Journal of Developmental Neuroscience*, **2011**, 29, 137-43	2.7	72
32	Hippocampal sulcal cavities: prevalence, risk factors and relationship to memory impairment. *Brain Research*, **2011**, 1368, 222-30	3.7	12
31	Blood oxygenation changes resulting from suprathreshold transcranial magnetic stimulation. *Brain Stimulation*, **2011**, 4, 165-8	5.1	17
30	Wavelet Common Spatial Pattern in asynchronous offline brain computer interfaces. *Biomedical Signal Processing and Control*, **2011**, 6, 121-128	4.9	42
29	Transcranial magnetic stimulation for depression after a traumatic brain injury: a case study. *Journal of ECT*, **2011**, 27, 38-40	2	31
28	Traumatic brain injury, major depression, and diffusion tensor imaging: making connections. *Brain Research Reviews*, **2010**, 64, 213-40		75
27	Optimal transcranial magnetic stimulation coil placement for targeting the dorsolateral prefrontal cortex using novel magnetic resonance image-guided neuronavigation. *Human Brain Mapping*, **2010**, 31, 1643-52	5.9	124
26	Implications of reduced callosal area for social skills after severe traumatic brain injury in children. *Journal of Neurotrauma*, **2009**, 26, 1645-54	5.4	29
25	Caudate volumes in public transportation workers exposed to trauma in the Stockholm train system. *Psychiatry Research - Neuroimaging*, **2009**, 171, 138-43	2.9	29
24	Caudate nucleus volumes in stroke and vascular dementia. *Psychiatry Research - Neuroimaging*, **2009**, 174, 67-75	2.9	23
23	Superior temporal gyrus volume change in schizophrenia: a review on region of interest volumetric studies. *Brain Research Reviews*, **2009**, 61, 14-32		115

22	Exploring the optimal site for the localization of dorsolateral prefrontal cortex in brain stimulation experiments. *Brain Stimulation*, **2009**, 2, 234-7	5.1	101
21	Morphology of the corpus callosum in treatment-resistant schizophrenia and major depression. *Acta Psychiatrica Scandinavica*, **2009**, 120, 265-73	6.5	30
20	GABA and cortical inhibition in motor and non-motor regions using combined TMS-EEG: a time analysis. *Clinical Neurophysiology*, **2009**, 120, 1706-10	4.3	68
19	A randomized trial of rTMS targeted with MRI based neuro-navigation in treatment-resistant depression. *Neuropsychopharmacology*, **2009**, 34, 1255-62	8.7	222
18	Volumetrics of the caudate nucleus: reliability and validity of a new manual tracing protocol. *Psychiatry Research - Neuroimaging*, **2008**, 163, 279-88	2.9	41
17	A magnetic resonance imaging study of the entorhinal cortex in treatment-resistant depression. *Psychiatry Research - Neuroimaging*, **2008**, 163, 133-42	2.9	36
16	Hippocampal volume is positively associated with behavioural inhibition (BIS) in a large community-based sample of mid-life adults: the PATH through life study. *Social Cognitive and Affective Neuroscience*, **2008**, 3, 262-9	4	50
15	Total and regional gray matter volume is not related to APOE*E4 status in a community sample of middle-aged individuals. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2008**, 63, 501-4	6.4	46
14	Cortical inhibition in motor and non-motor regions: a combined TMS-EEG study. *Clinical EEG and Neuroscience*, **2008**, 39, 112-7	2.3	50
13	A meta-analytic study of changes in brain activation in depression. *Human Brain Mapping*, **2008**, 29, 683-95	5.9	668
12	Long-interval cortical inhibition from the dorsolateral prefrontal cortex: a TMS-EEG study. *Neuropsychopharmacology*, **2008**, 33, 2860-9	8.7	177
11	Hippocampal volumetrics in depression: the importance of the posterior tail. *Hippocampus*, **2007**, 17, 1023-7	3.5	88
10	A comparative study of the effects of repetitive paired transcranial magnetic stimulation on motor cortical excitability. *Journal of Neuroscience Methods*, **2007**, 165, 265-9	3	16
9	Hippocampus and amygdala volumes in a random community-based sample of 60-64 year olds and their relationship to cognition. *Psychiatry Research - Neuroimaging*, **2007**, 156, 185-97	2.9	33
8	Corpus callosum size, reaction time speed and variability in mild cognitive disorders and in a normative sample. *Neuropsychologia*, **2007**, 45, 1911-20	3.2	84
7	The brain reserve hypothesis, brain atrophy and aging. *Gerontology*, **2007**, 53, 82-95	5.5	68
6	Sex and symmetry differences in hippocampal volumetrics: before and beyond the opening of the crus of the fornix. *Hippocampus*, **2006**, 16, 80-90	3.5	54
5	Response to Yucel and MacQueen's letter to the editor. *Hippocampus*, **2006**, 16, 684-684	3.5	

4	Clinical and neuroimaging correlates of mild cognitive impairment in a middle-aged community sample: the personality and total health through life 60+ study. *Dementia and Geriatric Cognitive Disorders*, **2006**, 21, 44-50	2.6	25
3	Weekly alcohol consumption, brain atrophy, and white matter hyperintensities in a community-based sample aged 60 to 64 years. *Psychosomatic Medicine*, **2006**, 68, 778-85	3.7	47
2	Hormone replacement therapy, brain volumes and white matter in postmenopausal women aged 60-64 years. *NeuroReport*, **2006**, 17, 101-4	1.7	32
1	Hippocampal and amygdalar volumes in relation to handedness in adults aged 60-64. *NeuroReport*, **2004**, 15, 2825-9	1.7	20