Jerome J Maller

List of Publications by Year
in descending order

112 papers	5,503 citations	66315 42 h-index	91828 69 g-index
114 all docs	114 docs citations	114 times ranked	8393 citing authors

#	Article	IF	Citations
1	A meta-analytic study of changes in brain activation in depression. Human Brain Mapping, 2008, 29, 683-695.	1.9	792
2	A Randomized Trial of rTMS Targeted with MRI Based Neuro-Navigation in Treatment-Resistant Depression. Neuropsychopharmacology, 2009, 34, 1255-1262.	2.8	313
3	Long-Interval Cortical Inhibition from the Dorsolateral Prefrontal Cortex: a TMSâ€“EEG Study. Neuropsychopharmacology, 2008, 33, 2860-2869.	2.8	211
4	Optimal transcranial magnetic stimulation coil placement for targeting the dorsolateral prefrontal cortex using novel magnetic resonance imageâ€guided neuronavigation. Human Brain Mapping, 2010, 31, 1643-1652.	1.9	188
5	The EADCâ€ADNI Harmonized Protocol for manual hippocampal segmentation on magnetic resonance: Evidence of validity. Alzheimer's and Dementia, 2015, 11, 111-125.	0.4	162
6	Exploring the optimal site for the localization of dorsolateral prefrontal cortex in brain stimulation experiments. Brain Stimulation, 2009, 2, 234-237.	0.7	139
7	Superior temporal gyrus volume change in schizophrenia: A review on Region of Interest volumetric studies. Brain Research Reviews, 2009, 61, 14-32.	9.1	135
8	Association between cognitive performance and functional outcome following traumatic brain injury: A longitudinal multilevel examination.. Neuropsychology, 2012, 26, 604-612.	1.0	113
9	Corpus callosum size, reaction time speed and variability in mild cognitive disorders and in a normative sample. Neuropsychologia, 2007, 45, 1911-1920.	0.7	103
10	Vestibular insights into cognition and psychiatry. Brain Research, 2013, 1537, 244-259.	1.1	101
11	Hippocampal volumetrics in depression: The importance of the posterior tail. Hippocampus, 2007, 17, 1023-1027.	0.9	98
12	Traumatic brain injury, major depression, and diffusion tensor imaging: Making connections. Brain Research Reviews, 2010, 64, 213-240.	9.1	84
13	Hippocampus, amygdala and global brain changes 10 years after childhood traumatic brain injury. International Journal of Developmental Neuroscience, 2011, 29, 137-143.	0.7	82
14	Revealing the Hippocampal Connectome through Super-Resolution 1150-Direction Diffusion MRI. Scientific Reports, 2019, 9, 2418.	1.6	82
15	The Brain Reserve Hypothesis, Brain Atrophy and Aging. Gerontology, 2007, 53, 82-95.	1.4	81
16	Suicidal Behavior Is Associated with Reduced Corpus Callosum Area. Biological Psychiatry, 2011, 70, 320-326.	0.7	81
17	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, 193-198.	2.0	81
18	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-E66.	1.4	76

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19	GABA and cortical inhibition in motor and non-motor regions using combined TMSâ€“EEG: A time analysis. Clinical Neurophysiology, 2009, 120, 1706-1710.	0.7	75
20	Volumetric, cortical thickness and white matter integrity alterations in bipolar disorder type I and II. Journal of Affective Disorders, 2014, 169, 118-127.	2.0	72
21	Scale and pattern of atrophy in the chronic stages of moderate-severe TBI. Frontiers in Human Neuroscience, 2014, 8, 67.	1.0	70
22	White Matter Integrity Following Traumatic Brain Injury: The Association with Severity of Injury and Cognitive Functioning. Brain Topography, 2013, 26, 648-660.	0.8	69
23	Lifetime major depression and grey-matter volume. Journal of Psychiatry and Neuroscience, 2019, 44, 45-53.	1.4	69
24	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, 262-269.	1.5	64
25	Occipital bending in depression. Brain, 2014, 137, 1830-1837.	3.7	63
26	Sex and symmetry differences in hippocampal volumetrics: Before and beyond the opening of the crus of the fornix. Hippocampus, 2006, 16, 80-90.	0.9	60
27	Hippocampal volumetrics in treatmentâ€resistant depression and schizophrenia: The devil's in Deâ€Tail. Hippocampus, 2012, 22, 9-16.	0.9	60
28	Wavelet Common Spatial Pattern in asynchronous offline brain computer interfaces. Biomedical Signal Processing and Control, 2011, 6, 121-128.	3.5	58
29	The Long-Term Effects of Sports Concussion on Retired Australian Football Players: A Study Using Transcranial Magnetic Stimulation. Journal of Neurotrauma, 2014, 31, 1139-1145.	1.7	58
30	Weekly Alcohol Consumption, Brain Atrophy, and White Matter Hyperintensities in a Community-Based Sample Aged 60 to 64 Years. Psychosomatic Medicine, 2006, 68, 778-785.	1.3	57
31	Cortical Inhibition in Motor and Non-Motor Regions: A Combined TMS-EEG Study. Clinical EEG and Neuroscience, 2008, 39, 112-117.	0.9	57
32	Accelerometers for the Assessment of Concussion in Male Athletes: A Systematic Review and Meta-Analysis. Sports Medicine, 2017, 47, 469-478.	3.1	57
33	Education Modulates the Impact of White Matter Lesions on the Risk of Mild Cognitive Impairment and Dementia. American Journal of Geriatric Psychiatry, 2014, 22, 1336-1345.	0.6	55
34	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, 2038-2050.	1.7	54
35	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, 500-506.	0.6	53
36	Regional cortical volume and cognitive functioning following traumatic brain injury. Brain and Cognition, 2013, 83, 34-44.	0.8	52

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37	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, 501-504.	1.7	50
38	An Investigation of Medial Temporal Lobe Changes and Cognition Following Antidepressant Response: A Prospective rTMS Study. Brain Stimulation, 2013, 6, 346-354.	0.7	50
39	Environmental enrichment may protect against hippocampal atrophy in the chronic stages of traumatic brain injury. Frontiers in Human Neuroscience, 2013, 7, 506.	1.0	46
40	Volumetrics of the caudate nucleus: Reliability and validity of a new manual tracing protocol. Psychiatry Research - Neuroimaging, 2008, 163, 279-288.	0.9	45
41	A magnetic resonance imaging study of the entorhinal cortex in treatment-resistant depression. Psychiatry Research - Neuroimaging, 2008, 163, 133-142.	0.9	44
42	Hippocampus and amygdala volumes in a random community-based sample of 60â€“64Âyear olds and their relationship to cognition. Psychiatry Research - Neuroimaging, 2007, 156, 185-197.	0.9	43
43	Blood Oxygenation Changes Modulated by Coil Orientation During Prefrontal Transcranial Magnetic Stimulation. Brain Stimulation, 2013, 6, 576-581.	0.7	43
44	Neurophysiological and cognitive impairment following repeated sports concussion injuries in retired professional rugby league players. Brain Injury, 2018, 32, 498-505.	0.6	42
45	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.	1.7	42
46	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.	0.3	41
47	Transcranial Magnetic Stimulation for Depression After a Traumatic Brain Injury. Journal of ECT, 2011, 27, 38-40.	0.3	40
48	Hormone replacement therapy, brain volumes and white matter in postmenopausal women aged 60â€“64 years. NeuroReport, 2006, 17, 101-104.	0.6	37
49	Caudate volumes in public transportation workers exposed to trauma in the Stockholm train system. Psychiatry Research - Neuroimaging, 2009, 171, 138-143.	0.9	36
50	Morphology of the corpus callosum in treatmentâ€resistant schizophrenia and major depression. Acta Psychiatrica Scandinavica, 2009, 120, 265-273.	2.2	35
51	Spatial Distribution of Cerebral White Matter Lesions Predicts Progression to Mild Cognitive Impairment and Dementia. PLoS ONE, 2013, 8, e56972.	1.1	35
52	Brain connectivity in body dysmorphic disorder compared with controls: a diffusion tensor imaging study. Psychological Medicine, 2013, 43, 2513-2521.	2.7	33
53	Implications of Reduced Callosal Area for Social Skills after Severe Traumatic Brain Injury in Children. Journal of Neurotrauma, 2009, 26, 1645-1654.	1.7	31
54	Diffusion tensor imaging reveals no white matter impairments among adults with autism spectrum disorder. Psychiatry Research - Neuroimaging, 2015, 233, 64-72.	0.9	31

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55	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.	0.7	28
56	A Near Infra-Red Study of Blood Oxygenation Changes Resulting From High and Low Frequency Repetitive Transcranial Magnetic Stimulation. Brain Stimulation, 2013, 6, 922-924.	0.7	26
57	The (Eigen)value of diffusion tensor imaging to investigate depression after traumatic brain injury. Human Brain Mapping, 2014, 35, 227-237.	1.9	26
58	Major depression and electrovestibulography. World Journal of Biological Psychiatry, 2015, 16, 334-350.	1.3	26
59	Caudate nucleus volumes in stroke and vascular dementia. Psychiatry Research - Neuroimaging, 2009, 174, 67-75.	0.9	24
60	Cognitive and volumetric predictors of response to repetitive transcranial magnetic stimulation (rTMS) â€" A prospective follow-up study. Psychiatry Research - Neuroimaging, 2012, 202, 12-19.	0.9	24
61	Regional brain volumes in body dysmorphic disorder compared to controls. Australian and New Zealand Journal of Psychiatry, 2014, 48, 654-662.	1.3	24
62	Increased left hemisphere impairment in high-functioning autism: A tract based spatial statistics study. Psychiatry Research - Neuroimaging, 2014, 224, 119-123.	0.9	24
63	Establishing Magnetic Resonance Images Orientation for the EADCâ€ADNI Manual Hippocampal Segmentation Protocol. Journal of Neuroimaging, 2014, 24, 509-514.	1.0	23
64	Occipital bending (Yakovlevian torque) in bipolar depression. Psychiatry Research - Neuroimaging, 2015, 231, 8-14.	0.9	23
65	Blood oxygenation changes resulting from suprathreshold transcranial magnetic stimulation. Brain Stimulation, 2011, 4, 165-168.	0.7	22
66	Hippocampal and amygdalar volumes in relation to handedness in adults aged 60-64. NeuroReport, 2004, 15, 2825-9.	0.6	22
67	Blood oxygenation changes resulting from trains of low frequency transcranial magnetic stimulation. Cortex, 2012, 48, 487-491.	1.1	21
68	Occipital bending in schizophrenia. Australian and New Zealand Journal of Psychiatry, 2017, 51, 32-41.	1.3	21
69	Impaired upper alpha synchronisation during working memory retention in depression and depression following traumatic brain injury. Biological Psychology, 2014, 99, 115-124.	1.1	20
70	Gender-specific structural abnormalities in major depressive disorder revealed by fixel-based analysis. NeuroImage: Clinical, 2019, 21, 101668.	1.4	20
71	A comparative study of the effects of repetitive paired transcranial magnetic stimulation on motor cortical excitability. Journal of Neuroscience Methods, 2007, 165, 265-269.	1.3	19
72	Brain volumes in late life: gender, hormone treatment, and estrogen receptor variants. Neurobiology of Aging, 2014, 35, 645-654.	1.5	18

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73	Volumetrics relate to the development of depression after traumatic brain injury. Behavioural Brain Research, 2014, 271, 147-153.	1.2	17
74	Bipolar disorder in the balance. European Archives of Psychiatry and Clinical Neuroscience, 2019, 269, 761-775.	1.8	17
75	Bilateral volume reduction in posterior hippocampus in psychosis of epilepsy. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 688-694.	0.9	17
76	Hippocampal sulcal cavities: Prevalence, risk factors and relationship to memory impairment. Brain Research, 2011, 1368, 222-230.	1.1	16
77	An exploratory analysis of go/nogo event-related potentials in major depression and depression following traumatic brain injury. Psychiatry Research - Neuroimaging, 2014, 224, 324-334.	0.9	16
78	Corpus callosum size may predict late-life depression in women: A 10-year follow-up study. Journal of Affective Disorders, 2014, 165, 16-23.	2.0	15
79	Brain morphometry in blind and sighted subjects. Journal of Clinical Neuroscience, 2016, 33, 89-95.	0.8	15
80	Intensity dependent repetitive transcranial magnetic stimulation modulation of blood oxygenation. Journal of Affective Disorders, 2012, 136, 1243-1246.	2.0	14
81	Altered hippocampal function in major depression despite intact structure and resting perfusion. Psychological Medicine, 2016, 46, 2157-2168.	2.7	14
82	Increased gamma connectivity during working memory retention following traumatic brain injury. Brain Injury, 2017, 31, 379-389.	0.6	14
83	Is occipital bending a structural biomarker of risk for depression and sensitivity to treatment?. Journal of Clinical Neuroscience, 2019, 63, 55-61.	0.8	14
84	Structural brain alterations in older adults exposed to early-life adversity. Psychoneuroendocrinology, 2021, 129, 105272.	1.3	14
85	Repatriation is associated with isthmus cingulate cortex reduction in community-dwelling elderly. World Journal of Biological Psychiatry, 2018, 19, 421-430.	1.3	12
86	White matter correlates of episodic memory encoding and retrieval in schizophrenia. Psychiatry Research - Neuroimaging, 2016, 254, 188-198.	0.9	11
87	Depression in elderly persons subject to childhood maltreatment is not modulated by corpus callosum and hippocampal loss. Journal of Affective Disorders, 2012, 141, 294-299.	2.0	10
88	Reduced cortical thickness in body dysmorphic disorder. Psychiatry Research - Neuroimaging, 2017, 259, 25-28.	0.9	10
89	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.	2.4	10
90	Neural evidence that conscious awareness of errors is reduced in depression following a traumatic brain injury. Biological Psychology, 2015, 106, 1-10.	1.1	9

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91	Using thermographic cameras to investigate eye temperature and clinical severity in depression. Journal of Biomedical Optics, 2016, 21, 026001.	1.4	8
92	Replicable brain signatures of emotional bias and memory based on diffusion kurtosis imaging of white matter tracts. Human Brain Mapping, 2020, 41, 1274-1285.	1.9	8
93	Hippocampal sulcal cavities in depression and healthy individuals. Journal of Affective Disorders, 2013, 150, 785-789.	2.0	6
94	Increased Serum C-reactive Protein and Corpus Callosum Alterations in Older Adults. , 2019, 10, 463.		6
95	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.	1.1	6
96	Does Exposure to Diagnostic Ultrasound Modulate Human Nerve Responses to Magnetic Stimulation?. Ultrasound in Medicine and Biology, 2016, 42, 2950-2956.	0.7	4
97	Arterial Spin Labeling Techniques 2009â€“2014. Journal of Medical Imaging and Radiation Sciences, 2016, 47, 98-107.	0.2	4
98	High-resolution diffusion imaging: ready to become more than just a research tool in psychiatry?. Molecular Psychiatry, 2017, 22, 1082-1084.	4.1	4
99	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.	1.5	4
100	Enlarged hippocampal fissure in psychosis of epilepsy. Epilepsy and Behavior, 2020, 111, 107290.	0.9	4
101	Structural brain changes with lifetime trauma and re-experiencing symptoms is 5-HTTLPR genotype-dependent. HÃ¶gre Utbildning, 2020, 11, 1733247.	1.4	4
102	Neural activity during cognitive reappraisal in chronic low back pain: a preliminary study. Scandinavian Journal of Pain, 2021, 21, 586-596.	0.5	4
103	Investigating the role of the corpus callosum in regulating motor overflow in multiple sclerosis. Journal of Neurology, 2013, 260, 1997-2004.	1.8	3
104	Neuroplasticity in normal and brain injured patients: Potential relevance of ear wiggling locus of control and cortical projections. Medical Hypotheses, 2014, 83, 838-843.	0.8	3
105	Use of intracranial and ocular thermography before and after arteriovenous malformation excision. Journal of Biomedical Optics, 2014, 19, 110503.	1.4	3
106	Ultrasound detection of the skull-brain interface: A phantom study. , 2012, , .		2
107	Reply: Occipital bending in depression. Brain, 2015, 138, e318-e318.	3.7	2
108	Factors to consider when applying transcranial magnetic stimulation of dorsolateral prefrontal cortex when resting motor threshold is asymmetric: A case study. Bioelectromagnetics, 2016, 37, 130-135.	0.9	2

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109	Late-life cynical hostility is associated with white matter alterations and the risk of Alzheimer's disease. Psychological Medicine, 2022, 52, 3636-3645.	2.7	2
110	Commentary on â€œSmaller Hippocampal Volume in Current But Not in Past Depression in Comparison to Healthy Controls: Minor Evidence From an Older Adults Sampleâ€. Journal of Geriatric Psychiatry and Neurology, 2019, 32, 282-284.	1.2	1
111	Association Between Vision and Brain Cortical Thickness in a Community-Dwelling Elderly Cohort. Eye and Brain, 0, Volume 14, 71-82.	3.8	1
112	Response to Yucel and MacQueen's letter to the editor. Hippocampus, 2006, 16, 684-684.	0.9	0