

Mie Matsui

List of Publications by Year in descending order

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93
papers

4,302
citations

109321

35
h-index

110387

64
g-index

93
all docs

93
docs citations

93
times ranked

5205
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex Differences in Brain Gray and White Matter in Healthy Young Adults: Correlations with Cognitive Performance. <i>Journal of Neuroscience</i> , 1999, 19, 4065-4072.	3.6	802
2	Developmental Trajectories of Amygdala and Hippocampus from Infancy to Early Adulthood in Healthy Individuals. <i>PLoS ONE</i> , 2012, 7, e46970.	2.5	283
3	Enhancement of Cognitive Performance in Schizophrenia by Addition of Tansospirone to Neuroleptic Treatment. <i>American Journal of Psychiatry</i> , 2001, 158, 1722-1725.	7.2	195
4	Multivariate voxel-based morphometry successfully differentiates schizophrenia patients from healthy controls. <i>NeuroImage</i> , 2007, 34, 235-242.	4.2	168
5	Differential contributions of prefrontal and temporolimbic pathology to mechanisms of psychosis. <i>Brain</i> , 2005, 128, 2109-2122.	7.6	162
6	Regional changes in brain gray and white matter in patients with schizophrenia demonstrated with voxel-based analysis of MRI. <i>Schizophrenia Research</i> , 2002, 55, 41-54.	2.0	159
7	The effect of tansospirone, a serotonin1A agonist, on memory function in schizophrenia. <i>Biological Psychiatry</i> , 2001, 49, 861-868.	1.3	150
8	Male-specific Volume Expansion of the Human Hippocampus during Adolescence. <i>Cerebral Cortex</i> , 2004, 15, 187-193.	2.9	111
9	Structural brain differences in patients with schizophrenia and schizotypal disorder demonstrated by voxel-based morphometry. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2004, 254, 406-414.	3.2	100
10	Parietal lobe volume deficits in schizophrenia spectrum disorders. <i>Schizophrenia Research</i> , 2007, 89, 35-48.	2.0	89
11	Lack of normal structural asymmetry of the anterior cingulate gyrus in female patients with schizophrenia: a volumetric magnetic resonance imaging study. <i>Schizophrenia Research</i> , 2002, 55, 69-81.	2.0	87
12	Differential Prefrontal White Matter Development in Chimpanzees and Humans. <i>Current Biology</i> , 2011, 21, 1397-1402.	3.9	83
13	Morphologic alterations of the parcellated superior temporal gyrus in schizophrenia spectrum. <i>Schizophrenia Research</i> , 2006, 83, 131-143.	2.0	78
14	Developmental Trajectories of the Fronto-Temporal Lobes from Infancy to Early Adulthood in Healthy Individuals. <i>Developmental Neuroscience</i> , 2012, 34, 477-487.	2.0	72
15	Developmental Changes in the Corpus Callosum from Infancy to Early Adulthood: A Structural Magnetic Resonance Imaging Study. <i>PLoS ONE</i> , 2015, 10, e0118760.	2.5	70
16	Volumetric analysis of sulci/gyri-defined in vivo frontal lobe regions in schizophrenia: Precentral gyrus, cingulate gyrus, and prefrontal region. <i>Psychiatry Research - Neuroimaging</i> , 2005, 139, 127-139.	1.8	69
17	Disorganization of semantic memory underlies alogia in schizophrenia: An analysis of verbal fluency performance in Japanese subjects. <i>Schizophrenia Research</i> , 2005, 74, 91-100.	2.0	61
18	Effect of Adjunctive Treatment With Serotonin-1A Agonist Tansospirone on Memory Functions in Schizophrenia. <i>Journal of Clinical Psychopharmacology</i> , 2000, 20, 386-388.	1.4	61

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19	Neural correlates of memory organization deficits in schizophrenia. <i>Schizophrenia Research</i> , 2000, 42, 209-222.	2.0	60
20	Impaired neuroanatomic development in infants with congenital heart disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009, 137, 146-153.	0.8	57
21	Cognitive functioning related to quality of life in schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 280-287.	4.8	53
22	Levels of glutamatergic neurometabolites in patients with severe treatment-resistant schizophrenia: a proton magnetic resonance spectroscopy study. <i>Neuropsychopharmacology</i> , 2020, 45, 632-640.	5.4	50
23	Electrophysiological basis for the ability of olanzapine to improve verbal memory and functional outcome in patients with schizophrenia: A LORETA analysis of P300. <i>Schizophrenia Research</i> , 2008, 101, 320-330.	2.0	48
24	Limited visual search on the WAIS picture completion test in patients with schizophrenia. <i>Schizophrenia Research</i> , 1994, 12, 75-80.	2.0	47
25	Semantic structure in schizophrenia as assessed by the category fluency test: Effect of verbal intelligence and age of onset. <i>Psychiatry Research</i> , 2001, 105, 187-199.	3.3	47
26	Volume reduction of the amygdala in patients with schizophrenia: a magnetic resonance imaging study. <i>Psychiatry Research - Neuroimaging</i> , 2004, 132, 41-51.	1.8	47
27	Developmental patterns of chimpanzee cerebral tissues provide important clues for understanding the remarkable enlargement of the human brain. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20122398.	2.6	46
28	Inflammatory markers and their possible effects on cognitive function in women with posttraumatic stress disorder. <i>Journal of Psychiatric Research</i> , 2018, 102, 192-200.	3.1	46
29	Clinical symptoms and regional cerebral blood flow in schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 1995, 246, 7-12.	3.2	45
30	Diosgenin-Rich Yam Extract Enhances Cognitive Function: A Placebo-Controlled, Randomized, Double-Blind, Crossover Study of Healthy Adults. <i>Nutrients</i> , 2017, 9, 1160.	4.1	45
31	Neural Networks Mediating High-Level Mentalizing in Patients With Right Cerebral Hemispheric Gliomas. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 33.	2.0	42
32	Multiple Structural Brain Measures Obtained by Three-Dimensional Magnetic Resonance Imaging To Distinguish Between Schizophrenia Patients and Normal Subjects. <i>Schizophrenia Bulletin</i> , 2004, 30, 393-404.	4.3	41
33	Effect of perospirone on P300 electrophysiological activity and social cognition in schizophrenia: A three-dimensional analysis with sLORETA. <i>Psychiatry Research - Neuroimaging</i> , 2009, 172, 180-183.	1.8	39
34	The improvement of hypoxia correlates with neuroanatomic and developmental outcomes: Comparison of midterm outcomes in infants with transposition of the great arteries or single-ventricle physiology. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 143, 1077-1085.	0.8	38
35	Essential polyunsaturated fatty acids and social cognition in schizophrenia. <i>Psychiatry Research</i> , 2008, 157, 87-93.	3.3	37
36	Developmental trajectory of the corpus callosum from infancy to the juvenile stage: Comparative MRI between chimpanzees and humans. <i>PLoS ONE</i> , 2017, 12, e0179624.	2.5	32

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37	Proton magnetic resonance spectroscopy of the inferior frontal gyrus and thalamus and its relationship to verbal learning task performance in patients with schizophrenia: A preliminary report. <i>Psychiatry and Clinical Neurosciences</i> , 2002, 56, 499-507.	1.8	29
38	Volume reduction of the right anterior limb of the internal capsule in patients with schizotypal disorder. <i>Psychiatry Research - Neuroimaging</i> , 2004, 130, 213-225.	1.8	28
39	Effect of orthography on the verbal fluency performance in schizophrenia: examination using Japanese patients. <i>Schizophrenia Research</i> , 2004, 69, 15-22.	2.0	28
40	Ventricular enlargement in schizophrenia spectrum patients with prodromal symptoms of obsessive-compulsive disorder. <i>Psychiatry Research - Neuroimaging</i> , 2000, 99, 83-91.	1.8	27
41	Activation of the prefrontal cortex during memory learning: Near-infrared spectroscopy study. <i>Psychiatry and Clinical Neurosciences</i> , 2007, 61, 31-38.	1.8	26
42	Referential framework for transcranial anatomical correspondence for fNIRS based on manually traced sulci and gyri of an infant brain. <i>Neuroscience Research</i> , 2014, 80, 55-68.	1.9	26
43	Neuropsychological Profile in Patients with Schizotypal Personality Disorder or Schizophrenia. <i>Psychological Reports</i> , 2004, 94, 387-397.	1.7	24
44	Membrane fatty acid levels as a predictor of treatment response in chronic schizophrenia. <i>Psychiatry Research</i> , 2011, 186, 23-27.	3.3	24
45	Lack of self-control as assessed by a personality inventory is related to reduced volume of supplementary motor area. <i>Psychiatry Research - Neuroimaging</i> , 2002, 116, 53-61.	1.8	23
46	Impairment of memory organization in patients with schizophrenia or schizotypal disorder. <i>Journal of the International Neuropsychological Society</i> , 2006, 12, 750-754.	1.8	23
47	The relationship between prefrontal brain volume and characteristics of memory strategy in schizophrenia spectrum disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 1854-1862.	4.8	23
48	Schizotypal disorder and schizophrenia: A profile analysis of neuropsychological functioning in Japanese patients. <i>Journal of the International Neuropsychological Society</i> , 2007, 13, 672-82.	1.8	22
49	Effective adjunctive use of tandospirone with perospirone for enhancing verbal memory and quality of life in schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007, 31, 965-967.	4.8	22
50	Relationship between exploratory eye movements and brain morphology in schizophrenia spectrum patients. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2005, 255, 104-110.	3.2	21
51	Electrical brain activity and response to olanzapine in schizophrenia: A study with LORETA images of P300. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2006, 30, 1299-1303.	4.8	21
52	Asymmetry of the ventricle and age at the onset of schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 1995, 245, 142-144.	3.2	20
53	Neurodevelopment in 1-year-old Japanese infants after congenital heart surgery. <i>Pediatrics International</i> , 2010, 52, 420-427.	0.5	20
54	Exploratory eye movements in schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2002, 252, 255-261.	3.2	18

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55	The effects of cognitive remediation therapy using the frontal/executive program for autism spectrum disorder. <i>International Journal of Psychiatry in Medicine</i> , 2016, 51, 223-235.	1.8	18
56	Cognitive function in Japanese women with posttraumatic stress disorder: Association with exercise habits. <i>Journal of Affective Disorders</i> , 2018, 236, 306-312.	4.1	17
57	Macroanatomical Landmarks Featuring Junctions of Major Sulci and Fissures and Scalp Landmarks Based on the International 10â€“10 System for Analyzing Lateral Cortical Development of Infants. <i>Frontiers in Neuroscience</i> , 2017, 11, 394.	2.8	15
58	Childhood maltreatment history and attention bias variability in healthy adult women: role of inflammation and the BDNF Val66Met genotype. <i>Translational Psychiatry</i> , 2021, 11, 122.	4.8	15
59	Impairment of event schema in patients with schizophrenia: Examination of script for shopping at supermarket. <i>Psychiatry Research</i> , 2006, 143, 179-187.	3.3	14
60	Brain Development of Children With Single Ventricle Physiology or Transposition of the Great Arteries: A Longitudinal Observation Study. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2020, 32, 936-944.	0.6	14
61	The Effects of Cognitive Rehabilitation on Social Knowledge in Patients with Schizophrenia. <i>Applied Neuropsychology</i> , 2009, 16, 158-164.	1.5	13
62	The BDNF Val66Met polymorphism affects negative memory bias in civilian women with PTSD. <i>Scientific Reports</i> , 2020, 10, 3151.	3.3	13
63	Elucidation of developmental patterns of marmoset corpus callosum through a comparative MRI in marmosets, chimpanzees, and humans. <i>Neuroscience Research</i> , 2017, 122, 25-34.	1.9	12
64	Proinflammatory status-stratified blood transcriptome profiling of civilian women with PTSD. <i>Psychoneuroendocrinology</i> , 2020, 111, 104491.	2.7	12
65	Neuropsychological Characteristics and Their Association with Higher-Level Functional Capacity in Parkinson's Disease. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2015, 5, 271-284.	1.3	11
66	Does Sleep Improve Memory Organization?. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 65.	2.0	9
67	Combined Treatment with Two Water Extracts of <i>Eleutherococcus senticosus</i> Leaf and Rhizome of <i>Drynaria fortunei</i> Enhances Cognitive Function: A Placebo-Controlled, Randomized, Double-Blind Study in Healthy Adults. <i>Nutrients</i> , 2020, 12, 303.	4.1	9
68	Minnesota Multiphasic Personality Inventory profile characteristics of schizotypal personality disorder. <i>Psychiatry and Clinical Neurosciences</i> , 2002, 56, 443-452.	1.8	8
69	Clinical Factors That Affect the Relationship between Head Circumference and Brain Volume in Veryâ€“Lowâ€“Birthâ€“Weight Infants. <i>Journal of Neuroimaging</i> , 2019, 29, 104-110.	2.0	8
70	Association of CRP genetic variation with symptomatology, cognitive function, and circulating proinflammatory markers in civilian women with PTSD. <i>Journal of Affective Disorders</i> , 2021, 279, 640-649.	4.1	8
71	Does neurocognitive function affect cognitive bias toward an emotional stimulus? Association between general attentional ability and attentional bias toward threat. <i>Frontiers in Psychology</i> , 2014, 5, 881.	2.1	7
72	Callosal size in first-episode schizophrenia patients with illness duration of less than one year: A cross-sectional MRI study. <i>Asian Journal of Psychiatry</i> , 2017, 25, 197-202.	2.0	6

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73	Possible Long-Term Effects of Childhood Maltreatment on Cognitive Function in Adult Women With Posttraumatic Stress Disorder. <i>Frontiers in Psychiatry</i> , 2020, 11, 344.	2.6	6
74	Sylvian fissure and medial temporal lobe structures in patients with schizophrenia: A magnetic resonance imaging study. <i>Psychiatry and Clinical Neurosciences</i> , 2001, 55, 49-56.	1.8	5
75	Memory bias and its association with memory function in women with posttraumatic stress disorder. <i>Journal of Affective Disorders</i> , 2019, 245, 461-467.	4.1	5
76	Frontostriatal Structural Connectivity and Striatal Glutamatergic Levels in Treatment-Resistant Schizophrenia: An Integrative Analysis of DTI and 1H-MRS. <i>Schizophrenia Bulletin Open</i> , 2020, 1, .	1.7	5
77	Impairment of story memory organization in patients with schizophrenia. <i>Psychiatry and Clinical Neurosciences</i> , 2007, 61, 437-440.	1.8	4
78	Effect of explicit instruction on Japanese Verbal Learning Test in schizophrenia patients. <i>Psychiatry Research</i> , 2011, 188, 289-290.	3.3	4
79	Brain activation associated with theory of mind. <i>Journal of Human Environmental Studies</i> , 2009, 7, 129-135.	0.0	4
80	Impaired saccadic eye movements on stationary targets in patients with schizophrenia spectrum disorder. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 1995, 245, 129-134.	3.2	3
81	Influence of instruction on the Japanese Verbal Learning Test in patients with schizophrenia. <i>Schizophrenia Research</i> , 2007, 90, 366-367.	2.0	3
82	Useful Visual Field in Patients with Schizophrenia: A Choice Reaction Time Study. <i>Perceptual and Motor Skills</i> , 2011, 112, 369-381.	1.3	3
83	Therapeutic responses to a frontal/executive programme in autism spectrum disorder: Comparison with schizophrenia. <i>Hong Kong Journal of Occupational Therapy</i> , 2018, 31, 69-75.	0.9	3
84	Saccadic eye movements and regional cerebral blood flow in schizophrenic patients. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 1997, 247, 219-227.	3.2	1
85	The Effectiveness and Applicability of Compensatory Cognitive Training for Japanese Patients with Schizophrenia: A Pilot Study. <i>Advances in Psychiatry</i> , 2015, 2015, 1-12.	0.4	1
86	Selection of memory strategy and brain activity during metamemory process. <i>Journal of Human Environmental Studies</i> , 2010, 8, 55-65.	0.0	1
87	Pathogenesis of schizophrenia: temporo-frontal two-step hypothesis. <i>International Congress Series</i> , 2003, 1250, 441-445.	0.2	0
88	The efficacy of memantine in the treatment of civilian posttraumatic stress disorder: an open-label trial. <i>HÅrre Utbildning</i> , 2021, 12, 1859821.	3.0	0
89	Cognitive Dysfunction and Exploratory Eye Movements in Patients with Schizophrenia. , 2001, , 290-295.		0
90	Memory impairment in patients with schizophrenia. <i>Higher Brain Function Research</i> , 2004, 24, 155-163.	0.0	0

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91	Influence of explicit instruction for verbal learning in schizophrenia. The Proceedings of the Annual Convention of the Japanese Psychological Association, 2010, 74, 3PM110-3PM110.	0.0	0
92	Activation in prefrontal cortical regions during the response inhibition tasks using a face stimulus.. The Proceedings of the Annual Convention of the Japanese Psychological Association, 2013, 77, 1AM-124-1AM-124.	0.0	0
93	Premorbid intellectual ability in schizophrenia influence family appraisal related to cognitive impairments: a cross-sectional study on cognitive impairment and family assessments. BMC Psychiatry, 2022, 22, 227.	2.6	0