Tsutomu Takahashi

List of Publications by Year
in descending order

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121 papers	4,749 citations	87888 38 h-index	123424 61 g-index
122 all docs	122 docs citations	122 times ranked	4664 citing authors

#	Article	IF	Citations
1	Recent Advances and Future Directions in Brain MR Imaging Studies in Schizophrenia: Toward Elucidating Brain Pathology and Developing Clinical Tools. Magnetic Resonance in Medical Sciences, 2022, 21, 539-552.	2.0	4
2	Thalamic and striato-pallidal volumes in schizophrenia patients and individuals at risk for psychosis: A multi-atlas segmentation study. Schizophrenia Research, 2022, 243, 268-275.	2.0	22
3	Volume Reduction of the Dorsal Lateral Prefrontal Cortex Prior to the Onset of Frank Psychosis in Individuals with an At-Risk Mental State. Cerebral Cortex, 2022, 32, 2245-2253.	2.9	1
4	Trends in big data analyses by multicenter collaborative translational research in psychiatry. Psychiatry and Clinical Neurosciences, 2022, 76, 1-14.	1.8	34
5	Development and validation of a scale of self-alienation-related attributes for the early diagnosis of schizophrenia. Journal of Psychiatric Research, 2022, 147, 212-220.	3.1	0
6	Pineal morphology of the clinical high-risk state for psychosis and different psychotic disorders. Schizophrenia Research, 2022, 244, 1-7.	2.0	1
7	Potential contribution of pineal atrophy and pineal cysts toward vulnerability and clinical characteristics of psychosis. NeuroImage: Clinical, 2021, 32, 102805.	2.7	4
8	Anomalous brain gyrification patterns in major psychiatric disorders: a systematic review and transdiagnostic integration. Translational Psychiatry, 2021, 11, 176.	4.8	39
9	Reduced Hippocampal Subfield Volume in Schizophrenia and Clinical High-Risk State for Psychosis. Frontiers in Psychiatry, 2021, 12, 642048.	2.6	19
10	Prolonged P300 Latency in Antipsychotic-Free Subjects with At-Risk Mental States Who Later Developed Schizophrenia. Journal of Personalized Medicine, 2021, 11, 327.	2.5	8
11	Heschlâ€™s Gyrus Duplication Pattern in Individuals at Risk of Developing Psychosis and Patients With Schizophrenia. Frontiers in Behavioral Neuroscience, 2021, 15, 647069.	2.0	11
12	Association of Structural Magnetic Resonance Imaging Measures With Psychosis Onset in Individuals at Clinical High Risk for Developing Psychosis. JAMA Psychiatry, 2021, 78, 753.	11.0	74
13	Reduced cortical thickness of the paracentral lobule in at-risk mental state individuals with poor 1-year functional outcomes. Translational Psychiatry, 2021, 11, 396.	4.8	8
14	Altered Heschl's gyrus duplication pattern in first-episode schizophrenia. Schizophrenia Research, 2021, 237, 174-181.	2.0	11
15	Increased Heschlâ€™s Gyrus Duplication in Schizophrenia Spectrum Disorders: A Cross-Sectional MRI Study. Journal of Personalized Medicine, 2021, 11, 40.	2.5	6
16	Features of Duration Mismatch Negativity Around the Onset of Overt Psychotic Disorders: A Longitudinal Study. Cerebral Cortex, 2021, 31, 2416-2424.	2.9	14
17	Duration Mismatch Negativity Predicts Remission in First-Episode Schizophrenia Patients. Frontiers in Psychiatry, 2021, 12, 777378.	2.6	8
18	Longitudinal Changes in Brain Gyrification in Schizophrenia Spectrum Disorders. Frontiers in Aging Neuroscience, 2021, 13, 752575.	3.4	12

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19	Reduced Cortical Thickness in Schizophrenia and Schizotypal Disorder. Schizophrenia Bulletin, 2020, 46, 387-394.	4.3	36
20	Differentiation of schizophrenia using structural MRI with consideration of scanner differences: A realâ€world multisite study. Psychiatry and Clinical Neurosciences, 2020, 74, 56-63.	1.8	27
21	Increased brain gyrification in the schizophrenia spectrum. Psychiatry and Clinical Neurosciences, 2020, 74, 70-76.	1.8	30
22	White matter microstructural alterations across four major psychiatric disorders: mega-analysis study in 2937 individuals. Molecular Psychiatry, 2020, 25, 883-895.	7.9	170
23	Structural MRI Study of the Planum Temporale in Individuals With an At-Risk Mental State Using Labeled Cortical Distance Mapping. Frontiers in Psychiatry, 2020, 11, 593952.	2.6	3
24	Gray Matter Changes in the Insular Cortex During the Course of the Schizophrenia Spectrum. Frontiers in Psychiatry, 2020, 11, 659.	2.6	14
25	Pineal Gland Volume in Major Depressive and Bipolar Disorders. Frontiers in Psychiatry, 2020, 11, 450.	2.6	12
26	Subcortical Brain Volume Abnormalities in Individuals With an At-risk Mental State. Schizophrenia Bulletin, 2020, 46, 834-845.	4.3	19
27	Altered brain gyrification in deficit and non-deficit schizophrenia. Psychological Medicine, 2019, 49, 573-580.	4.5	29
28	Olfactory sulcus morphology in teenagers with first-presentation borderline personality disorder. Psychiatry Research - Neuroimaging, 2019, 292, 1-4.	1.8	4
29	Association between olfactory sulcus morphology and olfactory functioning in schizophrenia and psychosis high-risk status. Heliyon, 2019, 5, e02642.	3.2	8
30	Altered neural basis of self-reflective processing in schizophrenia: An fMRI study. Asian Journal of Psychiatry, 2019, 45, 53-60.	2.0	6
31	An Autopsy Case of Preclinical/Early Clinical Pick Disease. Journal of Neuropathology and Experimental Neurology, 2019, 78, 971-974.	1.7	1
32	Reduced pineal gland volume in schizotypal disorder. Schizophrenia Research, 2019, 209, 289-291.	2.0	2
33	Potential role of orbitofrontal surface morphology on social and cognitive functions in high-risk subjects for psychosis and schizophrenia patients. Psychiatry Research - Neuroimaging, 2019, 283, 92-95.	1.8	15
34	Reduced pineal gland volume across the stages of schizophrenia. Schizophrenia Research, 2019, 206, 163-170.	2.0	16
35	Surface morphology of the orbitofrontal cortex in individuals at risk of psychosis: a multicenter study. European Archives of Psychiatry and Clinical Neuroscience, 2019, 269, 397-406.	3.2	15
36	Brain morphologic changes in early stages of psychosis: Implications for clinical application and early intervention. Psychiatry and Clinical Neurosciences, 2018, 72, 556-571.	1.8	68

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37	Olfactory deficits in individuals at risk for psychosis and patients with schizophrenia: relationship with socio-cognitive functions and symptom severity. European Archives of Psychiatry and Clinical Neuroscience, 2018, 268, 689-698.	3.2	21
38	The effect of duration of illness and antipsychotics on subcortical volumes in schizophrenia: Analysis of 778 subjects. NeuroImage: Clinical, 2018, 17, 563-569.	2.7	39
39	Pituitary Volume and Socio-Cognitive Functions in Individuals at Risk of Psychosis and Patients With Schizophrenia. Frontiers in Psychiatry, 2018, 9, 574.	2.6	7
40	Early Intervention and a Direction of Novel Therapeutics for the Improvement of Functional Outcomes in Schizophrenia: A Selective Review. Frontiers in Psychiatry, 2018, 9, 39.	2.6	16
41	Brain neurodevelopmental markers related to the deficit subtype of schizophrenia. Psychiatry Research - Neuroimaging, 2017, 266, 10-18.	1.8	20
42	Associations between daily living skills, cognition, and real-world functioning across stages of schizophrenia; a study with the Schizophrenia Cognition Rating Scale Japanese version. Schizophrenia Research: Cognition, 2017, 7, 13-18.	1.3	24
43	Increased Occipital Gyrification and Development of Psychotic Disorders in Individuals With an At-Risk Mental State: AÂMulticenter Study. Biological Psychiatry, 2017, 82, 737-745.	1.3	50
44	Quality of life in individuals with attenuated psychotic symptoms: Possible role of anxiety, depressive symptoms, and socio-cognitive impairments. Psychiatry Research, 2017, 257, 431-437.	3.3	23
45	Reduced Thickness of the Anterior Cingulate Cortex in Individuals With an At-Risk Mental State Who Later Develop Psychosis. Schizophrenia Bulletin, 2017, 43, 907-913.	4.3	31
46	Callosal size in first-episode schizophrenia patients with illness duration of less than one year: A cross-sectional MRI study. Asian Journal of Psychiatry, 2017, 25, 197-202.	2.0	6
47	Increased Frontal Gyrification Negatively Correlates with Executive Function in Patients with First-Episode Schizophrenia. Cerebral Cortex, 2016, 27, bhw101.	2.9	39
48	Olfactory sulcus morphology in patients with current and past major depression. Psychiatry Research - Neuroimaging, 2016, 255, 60-65.	1.8	28
49	Decreased number of orbital sulci in schizophrenia spectrum disorders. Psychiatry Research - Neuroimaging, 2016, 250, 29-32.	1.8	11
50	Orbitofrontal sulcogyral pattern and olfactory sulcus depth in the schizophrenia spectrum. European Archives of Psychiatry and Clinical Neuroscience, 2016, 266, 15-23.	3.2	28
51	Possible relation between olfaction and anxiety in healthy subjects. Psychiatry and Clinical Neurosciences, 2015, 69, 431-438.	1.8	30
52	Reduced long-range functional connectivity in young children with autism spectrum disorder. Social Cognitive and Affective Neuroscience, 2015, 10, 248-254.	3.0	59
53	The Disrupted-in-Schizophrenia-1 Ser704Cys polymorphism and brain neurodevelopmental markers in schizophrenia and healthy subjects. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2015, 56, 11-17.	4.8	13
54	The Polymorphism of YWHAE, a Gene Encoding 14-3-3Epsilon, and Brain Morphology in Schizophrenia: A Voxel-Based Morphometric Study. PLoS ONE, 2014, 9, e103571.	2.5	14

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55	Altered depth of the olfactory sulcus in ultra high-risk individuals and patients with psychotic disorders. Schizophrenia Research, 2014, 153, 18-24.	2.0	24
56	The polymorphism of YWHAE, a gene encoding 14-3-3epsilon, and orbitofrontal sulcogyral pattern in patients with schizophrenia and healthy subjects. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2014, 51, 166-171.	4.8	15
57	Olfactory sulcus morphology in established bipolar affective disorder. Psychiatry Research - Neuroimaging, 2014, 222, 114-117.	1.8	14
58	Longitudinal MRI study of the midline brain regions in first-episode schizophrenia. Psychiatry Research - Neuroimaging, 2013, 212, 150-153.	1.8	15
59	Altered depth of the olfactory sulcus in subjects at risk of psychosis. Schizophrenia Research, 2013, 149, 186-187.	2.0	4
60	Altered depth of the olfactory sulcus in first-episode schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2013, 40, 167-172.	4.8	29
61	Increased pituitary volume in subjects at risk for psychosis and patients with firstâ€episode schizophrenia. Psychiatry and Clinical Neurosciences, 2013, 67, 540-548.	1.8	27
62	Gray Matter Changes in Subjects at High Risk for Developing Psychosis and First-Episode Schizophrenia: A Voxel-Based Structural MRI Study. Frontiers in Psychiatry, 2013, 4, 16.	2.6	23
63	Reduced white matter fractional anisotropy and clinical symptoms in schizophrenia: A voxel-based diffusion tensor imaging study. Psychiatry Research - Neuroimaging, 2012, 202, 233-238.	1.8	72
64	Amygdala and insula volumes prior to illness onset in bipolar disorder: A magnetic resonance imaging study. Psychiatry Research - Neuroimaging, 2012, 201, 34-39.	1.8	46
65	Longitudinal MRI study of the pituitary volume in chronic schizophrenia: A preliminary report. Psychiatry Research - Neuroimaging, 2012, 202, 84-87.	1.8	12
66	Longitudinal volume changes of the pituitary gland in patients with schizotypal disorder and first-episode schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2011, 35, 177-183.	4.8	34
67	A follow-up MRI study of the fusiform gyrus and middle and inferior temporal gyri in schizophrenia spectrum. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2011, 35, 1957-1964.	4.8	39
68	Classification of First-Episode Schizophrenia Patients and Healthy Subjects by Automated MRI Measures of Regional Brain Volume and Cortical Thickness. PLoS ONE, 2011, 6, e21047.	2.5	61
69	Superior temporal gyrus volume in antipsychotic-naive people at risk of psychosis. British Journal of Psychiatry, 2010, 196, 206-211.	2.8	56
70	Superior temporal gyrus volume in teenagers with first-presentation borderline personality disorder. Psychiatry Research - Neuroimaging, 2010, 182, 73-76.	1.8	13
71	Insular cortex volume in established bipolar affective disorder: A preliminary MRI study. Psychiatry Research - Neuroimaging, 2010, 182, 187-190.	1.8	17
72	Volumetric MRI study of the insular cortex in individuals with current and past major depression. Journal of Affective Disorders, 2010, 121, 231-238.	4.1	92

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73	Gray matter reduction of the superior temporal gyrus in patients with established bipolar I disorder. Journal of Affective Disorders, 2010, 123, 276-282.	4.1	43
74	Midline brain abnormalities in established bipolar affective disorder. Journal of Affective Disorders, 2010, 122, 301-305.	4.1	25
75	Pituitary volume in patients with bipolar disorder and their first-degree relatives. Journal of Affective Disorders, 2010, 124, 256-261.	4.1	44
76	A follow-up MRI study of the superior temporal subregions in schizotypal disorder and first-episode schizophrenia. Schizophrenia Research, 2010, 119, 65-74.	2.0	75
77	Lack of progressive gray matter reduction of the superior temporal subregions in chronic schizophrenia. Schizophrenia Research, 2010, 117, 101-102.	2.0	14
78	Volume reduction and altered sulco-gyral pattern of the orbitofrontal cortex in first-episode schizophrenia. Schizophrenia Research, 2010, 121, 55-65.	2.0	72
79	Differentiation of first-episode schizophrenia patients from healthy controls using ROI-based multiple structural brain variables. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2010, 34, 10-17.	4.8	37
80	An MRI study of the superior temporal subregions in patients with current and past major depression. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2010, 34, 98-103.	4.8	74
81	Progressive Gray Matter Reduction of the Superior Temporal Gyrus During Transition to Psychosis. Archives of General Psychiatry, 2009, 66, 366.	12.3	303
82	The Disrupted-in-Schizophrenia-1 Ser704Cys polymorphism and brain morphology in schizophrenia. Psychiatry Research - Neuroimaging, 2009, 172, 128-135.	1.8	46
83	Diagnostic specificity of the insular cortex abnormalities in first-episode psychotic disorders. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2009, 33, 651-657.	4.8	34
84	Midline brain structures in teenagers with first-presentation borderline personality disorder. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2009, 33, 842-846.	4.8	24
85	Midline brain structures in patients with current and remitted major depression. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2009, 33, 1058-1063.	4.8	28
86	Increased pituitary volume in patients with established bipolar affective disorder. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2009, 33, 1245-1249.	4.8	19
87	Insular cortex volume and impulsivity in teenagers with first-presentation borderline personality disorder. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2009, 33, 1395-1400.	4.8	27
88	Increased pituitary volume in schizophrenia spectrum disorders. Schizophrenia Research, 2009, 108, 114-121.	2.0	40
89	Follow-up MRI study of the insular cortex in first-episode psychosis and chronic schizophrenia. Schizophrenia Research, 2009, 108, 49-56.	2.0	89
90	Insular cortex gray matter changes in individuals at ultra-high-risk of developing psychosis. Schizophrenia Research, 2009, 111, 94-102.	2.0	156

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91	An MRI study of the superior temporal subregions in first-episode patients with various psychotic disorders. Schizophrenia Research, 2009, 113, 158-166.	2.0	29
92	Association between absence of the adhesio interthalamica and amygdala volume in schizophrenia. Psychiatry Research - Neuroimaging, 2008, 162, 101-111.	1.8	26
93	Prevalence and length of the adhesio interthalamica in schizophrenia spectrum disorders. Psychiatry Research - Neuroimaging, 2008, 164, 90-94.	1.8	38
94	Prevalence of large cavum septi pellucidi in ultra high-risk individuals and patients with psychotic disorders. Schizophrenia Research, 2008, 105, 236-244.	2.0	46
95	Association between the brain-derived neurotrophic factor Val66Met polymorphism and brain morphology in a Japanese sample of schizophrenia and healthy comparisons. Neuroscience Letters, 2008, 435, 34-39.	2.1	42
96	The association of genotypic combination of the DRD3 and BDNF polymorphisms on the adhesio interthalamica and medial temporal lobe structures. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2008, 32, 1236-1242.	4.8	28
97	Adhesio interthalamica in individuals at high-risk for developing psychosis and patients with psychotic disorders. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2008, 32, 1708-1714.	4.8	32
98	Prevalence of large cavum septi pellucidi and its relation to the medial temporal lobe structures in schizophrenia spectrum. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2007, 31, 1235-1241.	4.8	38
99	Multivariate voxel-based morphometry successfully differentiates schizophrenia patients from healthy controls. NeuroImage, 2007, 34, 235-242.	4.2	168
100	Parietal lobe volume deficits in schizophrenia spectrum disorders. Schizophrenia Research, 2007, 89, 35-48.	2.0	89
101	Volume reduction of the left planum temporale gray matter associated with long duration of untreated psychosis in schizophrenia: A preliminary report. Psychiatry Research - Neuroimaging, 2007, 154, 209-219.	1.8	63
102	Morphologic alterations of the parcellated superior temporal gyrus in schizophrenia spectrum. Schizophrenia Research, 2006, 83, 131-143.	2.0	78
103	Temporal lobe gray matter in schizophrenia spectrum: A volumetric MRI study of the fusiform gyrus, parahippocampal gyrus, and middle and inferior temporal gyri. Schizophrenia Research, 2006, 87, 116-126.	2.0	61
104	Volumetric MRI study of the short and long insular cortices in schizophrenia spectrum disorders. Psychiatry Research - Neuroimaging, 2005, 138, 209-220.	1.8	47
105	Volumetric analysis of sulci/gyri-defined in vivo frontal lobe regions in schizophrenia: Precentral gyrus, cingulate gyrus, and prefrontal region. Psychiatry Research - Neuroimaging, 2005, 139, 127-139.	1.8	69
106	Differential contributions of prefrontal and temporolimbic pathology to mechanisms of psychosis. Brain, 2005, 128, 2109-2122.	7.6	162
107	Volume reduction of the right anterior limb of the internal capsule in patients with schizotypal disorder. Psychiatry Research - Neuroimaging, 2004, 130, 213-225.	1.8	28
108	Bilateral volume reduction of the insular cortex in patients with schizophrenia: a volumetric MRI study. Psychiatry Research - Neuroimaging, 2004, 131, 185-194.	1.8	24

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109	Volume reduction of the amygdala in patients with schizophrenia: a magnetic resonance imaging study. Psychiatry Research - Neuroimaging, 2004, 132, 41-51.	1.8	47
110	Bilateral volume reduction of the insular cortex in patients with schizophrenia: a volumetric MRI study. Psychiatry Research - Neuroimaging, 2004, 132, 187-196.	1.8	16
111	Lack of normal gender differences of the perigenual cingulate gyrus in schizophrenia spectrum disorders. European Archives of Psychiatry and Clinical Neuroscience, 2004, 254, 273-80.	3.2	23
112	Structural brain differences in patients with schizophrenia and schizotypal disorder demonstrated by voxel?based morphometry. European Archives of Psychiatry and Clinical Neuroscience, 2004, 254, 406-414.	3.2	100
113	Multiple Structural Brain Measures Obtained by Three-Dimensional Magnetic Resonance Imaging To Distinguish Between Schizophrenia Patients and Normal Subjects. Schizophrenia Bulletin, 2004, 30, 393-404.	4.3	41
114	Perigenual cingulate gyrus volume in patients with schizophrenia: a magnetic resonance imaging study. Biological Psychiatry, 2003, 53, 593-600.	1.3	50
115	Decreased volume and increased asymmetry of the anterior limb of the internal capsule in patients with schizophrenia. Biological Psychiatry, 2003, 54, 427-436.	1.3	121
116	Lack of normal structural asymmetry of the anterior cingulate gyrus in female patients with schizophrenia: a volumetric magnetic resonance imaging study. Schizophrenia Research, 2002, 55, 69-81.	2.0	87
117	Regional changes in brain gray and white matter in patients with schizophrenia demonstrated with voxel-based analysis of MRI. Schizophrenia Research, 2002, 55, 41-54.	2.0	159
118	Volumetric magnetic resonance imaging study of the anterior cingulate gyrus in schizotypal disorder. European Archives of Psychiatry and Clinical Neuroscience, 2002, 252, 268-277.	3.2	39
119	Magnetic Resonance Imaging Study of the Cavum Septi Pellucidi in Patients With Schizophrenia. American Journal of Psychiatry, 2001, 158, 1717-1719.	7.2	33
120	Different Frequency of Heschlâ€™s Gyrus Duplication Patterns in Neuropsychiatric Disorders: An MRI Study in Bipolar and Major Depressive Disorders. Frontiers in Human Neuroscience, 0, 16, .	2.0	2
121	Different Heschlâ€™s Gyrus Duplication Patterns in Deficit and Non-deficit Subtypes of Schizophrenia. Frontiers in Psychiatry, 0, 13, .	2.6	7