

Ryu-ichiro Hashimoto

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

3,000
citations

201674
27
h-index

189892
50
g-index

93
all docs

93
docs citations

93
times ranked

4163
citing authors

#	ARTICLE	IF	CITATIONS
1	A small number of abnormal brain connections predicts adult autism spectrum disorder. Nature Communications, 2016, 7, 11254.	12.8	244
2	White matter microstructural alterations across four major psychiatric disorders: mega-analysis study in 2937 individuals. Molecular Psychiatry, 2020, 25, 883-895.	7.9	170
3	Harmonization of resting-state functional MRI data across multiple imaging sites via the separation of site differences into sampling bias and measurement bias. PLoS Biology, 2019, 17, e3000042.	5.6	127
4	Learning Letters in Adulthood. Neuron, 2004, 42, 311-322.	8.1	126
5	Specialization in the Left Prefrontal Cortex for Sentence Comprehension. Neuron, 2002, 35, 589-597.	8.1	122
6	Altered Network Topologies and Hub Organization in Adults with Autism: A Resting-State fMRI Study. PLoS ONE, 2014, 9, e94115.	2.5	120
7	From Perception to Sentence Comprehension: The Convergence of Auditory and Visual Information of Language in the Left Inferior Frontal Cortex. NeuroImage, 2002, 16, 883-900.	4.2	102
8	Functional and anatomical connectivity abnormalities in left inferior frontal gyrus in schizophrenia. Human Brain Mapping, 2009, 30, 4138-4151.	3.6	101
9	Resting-State Functional Connectivity-Based Biomarkers and Functional MRI-Based Neurofeedback for Psychiatric Disorders: A Challenge for Developing Theranostic Biomarkers. International Journal of Neuropsychopharmacology, 2017, 20, 769-781.	2.1	98
10	A voxel-based morphometry study of grey matter loss in fragile X-associated tremor/ataxia syndrome. Brain, 2011, 134, 863-878.	7.6	87
11	Auditory mismatch negativity and P3a in response to duration and frequency changes in the early stages of psychosis. Schizophrenia Research, 2013, 150, 547-554.	2.0	85
12	Functional Differentiation in the Human Auditory and Language Areas Revealed by a Dichotic Listening Task. NeuroImage, 2000, 12, 147-158.	4.2	83
13	An fMRI study of the prefrontal activity during the performance of a working memory task in premutation carriers of the fragile X mental retardation 1 gene with and without fragile X-associated tremor/ataxia syndrome (FXTAS). Journal of Psychiatric Research, 2011, 45, 36-43.	3.1	80
14	Alterations of local spontaneous brain activity and connectivity in adults with high-functioning autism spectrum disorder. Molecular Autism, 2015, 6, 30.	4.9	78
15	A prediction model of working memory across health and psychiatric disease using whole-brain functional connectivity. ELife, 2018, 7, .	6.0	73
16	Diffusion tensor imaging in male premutation carriers of the fragile X mental retardation gene. Movement Disorders, 2011, 26, 1329-1336.	3.9	72
17	Sentence processing in the cerebral cortex. Neuroscience Research, 2001, 39, 1-10.	1.9	71
18	Linked alterations in gray and white matter morphology in adults with high-functioning autism spectrum disorder: A multimodal brain imaging study. NeuroImage: Clinical, 2015, 7, 155-169.	2.7	71

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19	Generalizable brain network markers of major depressive disorder across multiple imaging sites. PLoS Biology, 2020, 18, e3000966.	5.6	54
20	An fMRI Study of Functional Abnormalities in the Verbal Working Memory System and the Relationship to Clinical Symptoms in Chronic Schizophrenia. Cerebral Cortex, 2010, 20, 46-60.	2.9	50
21	A multi-site, multi-disorder resting-state magnetic resonance image database. Scientific Data, 2021, 8, 227.	5.3	48
22	Clinical characterization of adults with Asperger's syndrome assessed by self-report questionnaires based on depression, anxiety, and personality. Research in Autism Spectrum Disorders, 2011, 5, 1451-1458.	1.5	46
23	Sunk Cost Effect in Individuals with Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 2019, 49, 1-10.	2.7	44
24	A Cognitive Neuroscience View of Schizophrenic Symptoms: Abnormal Activation of a System for Social Perception and Communication. Brain Imaging and Behavior, 2009, 3, 85-110.	2.1	43
25	Altered functional organization within the insular cortex in adult males with high-functioning autism spectrum disorder: evidence from connectivity-based parcellation. Molecular Autism, 2016, 7, 41.	4.9	41
26	Primary functional brain connections associated with melancholic major depressive disorder and modulation by antidepressants. Scientific Reports, 2020, 10, 3542.	3.3	39
27	Altered orbitofrontal sulcogyral patterns in adult males with high-functioning autism spectrum disorders. Social Cognitive and Affective Neuroscience, 2014, 9, 520-528.	3.0	35
28	Standardization of the Japanese version of the Glasgow Sensory Questionnaire (GSQ). Research in Autism Spectrum Disorders, 2014, 8, 347-353.	1.5	34
29	Attitudes toward risk and ambiguity in patients with autism spectrum disorder. Molecular Autism, 2017, 8, 45.	4.9	34
30	Machine learning approach to identify a resting-state functional connectivity pattern serving as an endophenotype of autism spectrum disorder. Brain Imaging and Behavior, 2019, 13, 1689-1698.	2.1	31
31	Acoustic cues for the recognition of self-voice and other-voice. Frontiers in Psychology, 2013, 4, 735.	2.1	28
32	White matter alterations in autism spectrum disorder and attention-deficit/hyperactivity disorder in relation to sensory profile. Molecular Autism, 2020, 11, 77.	4.9	28
33	Overlapping but Asymmetrical Relationships Between Schizophrenia and Autism Revealed by Brain Connectivity. Schizophrenia Bulletin, 2020, 46, 1210-1218.	4.3	28
34	Cognitive profiles of adults with Asperger's disorder, high-functioning autism, and pervasive developmental disorder not otherwise specified based on the WAIS-III. Research in Autism Spectrum Disorders, 2012, 6, 58-64.	1.5	26
35	Sentence processing is uniquely human. Neuroscience Research, 2003, 46, 273-279.	1.9	25
36	Male Carriers of the FMR1 Premutation Show Altered Hippocampal-Prefrontal Function During Memory Encoding. Frontiers in Human Neuroscience, 2012, 6, 297.	2.0	25

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37	Binding of Dopamine D1 Receptor and Noradrenaline Transporter in Individuals with Autism Spectrum Disorder: A PET Study. <i>Cerebral Cortex</i> , 2020, 30, 6458-6468.	2.9	25
38	An fMRI study of reduced perceptual load-dependent modulation of task-irrelevant activity in adults with autism spectrum conditions. <i>NeuroImage</i> , 2012, 61, 1176-1187.	4.2	22
39	Inflexible daily behaviour is associated with the ability to control an automatic reaction in autism spectrum disorder. <i>Scientific Reports</i> , 2018, 8, 8082.	3.3	22
40	Functional Alterations in Neural Substrates of Geometric Reasoning in Adults with High-Functioning Autism. <i>PLoS ONE</i> , 2012, 7, e43220.	2.5	21
41	Role of the right temporoparietal junction in intergroup bias in trust decisions. <i>Human Brain Mapping</i> , 2020, 41, 1677-1688.	3.6	21
42	Investigation of spectrally coherent resting-state networks using non-negative matrix factorization for functional MRI data. <i>International Journal of Imaging Systems and Technology</i> , 2011, 21, 211-222.	4.1	20
43	Egocentric biases and atypical generosity in autistic individuals. <i>Autism Research</i> , 2019, 12, 1598-1608.	3.8	19
44	Effects of behavioural activation on the neural basis of other perspective self-referential processing in subthreshold depression: a functional magnetic resonance imaging study. <i>Psychological Medicine</i> , 2017, 47, 877-888.	4.5	18
45	Need for closure and cognitive flexibility in individuals with autism spectrum disorder: A preliminary study. <i>Psychiatry Research</i> , 2019, 271, 247-252.	3.3	18
46	Mental and behavioral symptoms of person's with Asperger's syndrome: Relationships with social isolation and handicaps. <i>Research in Autism Spectrum Disorders</i> , 2012, 6, 907-912.	1.5	17
47	An fMRI study of visual lexical decision in patients with schizophrenia and clinical high-risk individuals. <i>Schizophrenia Research</i> , 2014, 157, 218-224.	2.0	17
48	Development of a neurofeedback protocol targeting the frontal pole using near-infrared spectroscopy. <i>Psychiatry and Clinical Neurosciences</i> , 2016, 70, 507-516.	1.8	14
49	Altered neural activity of magnitude estimation processing in adults with the fragile X premutation. <i>Journal of Psychiatric Research</i> , 2013, 47, 1909-1916.	3.1	13
50	Online cathodal transcranial direct current stimulation to the right homologue of Broca's area improves speech fluency in people who stutter. <i>Psychiatry and Clinical Neurosciences</i> , 2019, 73, 63-69.	1.8	13
51	Impact of past experiences on decision-making in autism spectrum disorder. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2020, 270, 1063-1071.	3.2	13
52	Neural correlates of shared sensory symptoms in autism and attention-deficit/hyperactivity disorder. <i>Brain Communications</i> , 2020, 2, fcaa186.	3.3	13
53	Cognitive profiles of adults with high-functioning autism spectrum disorder and those with attention-deficit/hyperactivity disorder based on the WAIS-III. <i>Research in Developmental Disabilities</i> , 2017, 61, 108-115.	2.2	12
54	White matter endophenotypes and correlates for the clinical diagnosis of autism spectrum disorder. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 765-773.	3.0	11

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55	Cortical surface architecture endophenotype and correlates of clinical diagnosis of autism spectrum disorder. <i>Psychiatry and Clinical Neurosciences</i> , 2019, 73, 409-415.	1.8	11
56	A single session of navigation-guided repetitive transcranial magnetic stimulation over the right anterior temporoparietal junction in autism spectrum disorder. <i>Brain Stimulation</i> , 2021, 14, 682-684.	1.6	11
57	Transdiagnostic subtyping of males with developmental disorders using cortical characteristics. <i>NeuroImage: Clinical</i> , 2020, 27, 102288.	2.7	9
58	Altered effects of perspective-taking on functional connectivity during self- and other-referential processing in adults with autism spectrum disorder. <i>Social Neuroscience</i> , 2017, 12, 1-12.	1.3	8
59	Functional connectomes linking child-parent relationships with psychological problems in adolescence. <i>NeuroImage</i> , 2020, 219, 117013.	4.2	8
60	P300 Component of Event-Related Potentials in Persons With Asperger Disorder. <i>Journal of Clinical Neurophysiology</i> , 2014, 31, 493-499.	1.7	7
61	Unconscious and Distinctive Control of Vocal Pitch and Timbre During Altered Auditory Feedback. <i>Frontiers in Psychology</i> , 2020, 11, 1224.	2.1	7
62	Development of Metacognition in Adolescence: The Congruency-Based Metacognition Scale. <i>Frontiers in Psychology</i> , 2020, 11, 565231.	2.1	6
63	The neural correlates of the metacognitive function of other perspective. <i>NeuroReport</i> , 2017, 28, 671-676.	1.2	5
64	Clinical and psychosocial characteristics in adults with pervasive development disorders: a survey in Japan. <i>International Journal on Disability and Human Development</i> , 2013, 12, .	0.2	4
65	Aberrant cerebellar-default-mode functional connectivity underlying auditory verbal hallucinations in schizophrenia revealed by multi-voxel pattern analysis of resting-state functional connectivity MRI data. <i>Schizophrenia Research</i> , 2018, 197, 607-608.	2.0	4
66	Linked functional network abnormalities during intrinsic and extrinsic activity in schizophrenia as revealed by a data-fusion approach. <i>NeuroImage: Clinical</i> , 2018, 17, 69-79.	2.7	3
67	Common Brain Networks Between Major Depressive-Disorder Diagnosis and Symptoms of Depression That Are Validated for Independent Cohorts. <i>Frontiers in Psychiatry</i> , 2021, 12, 667881.	2.6	3
68	Prediction of life satisfaction from resting-state functional connectome. <i>Brain and Behavior</i> , 2021, 11, e2331.	2.2	3
69	Decision flexibilities in autism spectrum disorder: an fMRI study of moral dilemmas. <i>Social Cognitive and Affective Neuroscience</i> , 2022, 17, 904-911.	3.0	3
70	Fourth finger dependence of high-functioning autism spectrum disorder in multi-digit force coordination. <i>Scientific Reports</i> , 2019, 9, 1737.	3.3	2
71	Differences in fractional anisotropy between the patients with schizophrenia and healthy comparison subjects. <i>Molecular Psychiatry</i> , 2020, 25, 697-698.	7.9	2
72	Brain activations while processing degraded speech in adults with autism spectrum disorder. <i>Neuropsychologia</i> , 2021, 152, 107750.	1.6	2

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73	The right temporoparietal junction during a cooperation dilemma: An rTMS study. Neurolmage Reports, 2021, 1, 100033.	1.0	1
74	An fMRI Study of an Abnormal Neurovascular Response in the Right Premotor Cortex during Inner Speech and the Relationship to Auditory Hallucinations in Patients with Schizophrenia. The Showa University Journal of Medical Sciences, 2013, 25, 283-295.	0.1	1
75	Generalizable brain network markers of major depressive disorder across multiple imaging sites. , 2020, 18, e3000966.		0
76	Generalizable brain network markers of major depressive disorder across multiple imaging sites. , 2020, 18, e3000966.		0
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78	Generalizable brain network markers of major depressive disorder across multiple imaging sites. , 2020, 18, e3000966.		0
79	Generalizable brain network markers of major depressive disorder across multiple imaging sites. , 2020, 18, e3000966.		0
80	Generalizable brain network markers of major depressive disorder across multiple imaging sites. , 2020, 18, e3000966.		0