

Erik G Jönsson

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

8,249
citations

81900

39
h-index

60623

81
g-index

94
all docs

94
docs citations

94
times ranked

11754
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping genomic loci implicates genes and synaptic biology in schizophrenia. <i>Nature</i> , 2022, 604, 502-508.	27.8	929
2	Contribution of copy number variants to schizophrenia from a genome-wide study of 41,321 subjects. <i>Nature Genetics</i> , 2017, 49, 27-35.	21.4	838
3	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015, 520, 224-229.	27.8	772
4	Cortical Brain Abnormalities in 4474 Individuals With Schizophrenia and 5098 Control Subjects via the Enhancing Neuro Imaging Genetics Through Meta Analysis (ENIGMA) Consortium. <i>Biological Psychiatry</i> , 2018, 84, 644-654.	1.3	627
5	Genomic Dissection of Bipolar Disorder and Schizophrenia, Including 28 Subphenotypes. <i>Cell</i> , 2018, 173, 1705-1715.e16.	28.9	623
6	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	12.6	450
7	Common brain disorders are associated with heritable patterns of apparent aging of the brain. <i>Nature Neuroscience</i> , 2019, 22, 1617-1623.	14.8	358
8	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	12.8	250
9	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	14.8	213
10	Brain Heterogeneity in Schizophrenia and Its Association With Polygenic Risk. <i>JAMA Psychiatry</i> , 2019, 76, 739.	11.0	195
11	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	21.4	192
12	Human subcortical brain asymmetries in 15,847 people worldwide reveal effects of age and sex. <i>Brain Imaging and Behavior</i> , 2017, 11, 1497-1514.	2.1	144
13	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3-90 years. <i>Human Brain Mapping</i> , 2022, 43, 431-451.	3.6	143
14	NURR1 Mutations in cases of schizophrenia and manic-depressive disorder. <i>American Journal of Medical Genetics Part A</i> , 2000, 96, 808-813.	2.4	137
15	Identification of Genetic Loci Jointly Influencing Schizophrenia Risk and the Cognitive Traits of Verbal-Numerical Reasoning, Reaction Time, and General Cognitive Function. <i>JAMA Psychiatry</i> , 2017, 74, 1065.	11.0	123
16	Tryptophan hydroxylase and catechol-O-methyltransferase gene polymorphisms: relationships to monoamine metabolite concentrations in CSF of healthy volunteers. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 1997, 247, 297-302.	3.2	112
17	Dopamine D3 receptor gene Ser9Gly variant and schizophrenia: association study and meta-analysis. <i>Psychiatric Genetics</i> , 2003, 13, 1-12.	1.1	107
18	Brain-derived neurotrophic factor gene (BDNF) variants and schizophrenia: An association study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2006, 30, 924-933.	4.8	98

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19	Brain scans from 21,297 individuals reveal the genetic architecture of hippocampal subfield volumes. <i>Molecular Psychiatry</i> , 2020, 25, 3053-3065.	7.9	80
20	Side effect burden of antipsychotic drugs in real life – Impact of gender and polypharmacy. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 82, 263-271.	4.8	77
21	Greater male than female variability in regional brain structure across the lifespan. <i>Human Brain Mapping</i> , 2022, 43, 470-499.	3.6	76
22	Consistent Functional Connectivity Alterations in Schizophrenia Spectrum Disorder: A Multisite Study. <i>Schizophrenia Bulletin</i> , 2017, 43, 914-924.	4.3	75
23	Genetic variants associated with longitudinal changes in brain structure across the lifespan. <i>Nature Neuroscience</i> , 2022, 25, 421-432.	14.8	75
24	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3–90 years. <i>Human Brain Mapping</i> , 2022, 43, 452-469.	3.6	72
25	No association between serotonin transporter gene polymorphisms and personality traits. <i>American Journal of Medical Genetics Part A</i> , 1999, 88, 430-436.	2.4	71
26	The Association Between Familial Risk and Brain Abnormalities Is Disease Specific: An ENIGMA-Relatives Study of Schizophrenia and Bipolar Disorder. <i>Biological Psychiatry</i> , 2019, 86, 545-556.	1.3	67
27	Reduced brain cortical folding in schizophrenia revealed in two independent samples. <i>Schizophrenia Research</i> , 2014, 152, 333-338.	2.0	65
28	Meta-analysis of the dopamine D3 receptor gene (DRD3) Ser9Gly variant and schizophrenia. <i>Psychiatric Genetics</i> , 2004, 14, 9-12.	1.1	61
29	Sex-Dependent Shared and Nonshared Genetic Architecture Across Mood and Psychotic Disorders. <i>Biological Psychiatry</i> , 2022, 91, 102-117.	1.3	61
30	The Relationship Between Polygenic Risk Scores and Cognition in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2020, 46, 336-344.	4.3	60
31	Association of Copy Number Variation of the 15q11.2 BP1-BP2 Region With Cortical and Subcortical Morphology and Cognition. <i>JAMA Psychiatry</i> , 2020, 77, 420.	11.0	54
32	Dopamine D2 receptor gene Ser311Cys variant and schizophrenia: association study and meta-analysis. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2003, 119B, 28-34.	1.7	53
33	Two methylenetetrahydrofolate reductase gene (<i>MTHFR</i>) polymorphisms, schizophrenia and bipolar disorder: An association study. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2008, 147B, 976-982.	1.7	51
34	Dose response of the 16p11.2 distal copy number variant on intracranial volume and basal ganglia. <i>Molecular Psychiatry</i> , 2020, 25, 584-602.	7.9	49
35	Association between a promoter variant in the monoamine oxidase A gene and schizophrenia. <i>Schizophrenia Research</i> , 2003, 61, 31-37.	2.0	48
36	Association between a promoter dopamine D2 receptor gene variant and the personality trait detachment. <i>Biological Psychiatry</i> , 2003, 53, 577-584.	1.3	46

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37	Quantitative Analysis of ¹⁸ F-(<i>E</i>)- <i>N</i> -(3-Iodoprop-2-Enyl)-2 ² -Carbofluoroethoxy-3 ² -(4 ² -Methyl-Phenyl) Nortropine Binding to the Dopamine Transporter in Parkinson Disease. <i>Journal of Nuclear Medicine</i> , 2015, 56, 714-720.	5.0	46
38	The quality of severe mental disorder diagnoses in a national health registry as compared to research diagnoses based on structured interview. <i>BMC Psychiatry</i> , 2017, 17, 93.	2.6	46
39	The tryptophan hydroxylase 1 (<i>TPH1</i>) gene, schizophrenia susceptibility, and suicidal behavior: A multi-centre case-control study and meta-analysis. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2010, 153B, 387-396.	1.7	45
40	&DTNBP1, NRG1, DAOA&, &DAO& and &GRM3& Polymorphisms and Schizophrenia: An Association Study. <i>Neuropsychobiology</i> , 2009, 59, 142-150.	1.9	33
41	First- and second-generation antipsychotic drug treatment and subcortical brain morphology in schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2016, 266, 451-460.	3.2	33
42	Identification of shared genetic variants between schizophrenia and lung cancer. <i>Scientific Reports</i> , 2018, 8, 674.	3.3	33
43	Monoamine related functional gene variants and relationships to monoamine metabolite concentrations in CSF of healthy volunteers. <i>BMC Psychiatry</i> , 2004, 4, 4.	2.6	32
44	Association between methylenetetrahydrofolate reductase (<i>MTHFR</i>) C677T polymorphism and age of onset in schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2010, 153B, 610-618.	1.7	32
45	Free thyroxine and thyroid-stimulating hormone in severe mental disorders: A naturalistic study with focus on antipsychotic medication. <i>Journal of Psychiatric Research</i> , 2018, 106, 74-81.	3.1	31
46	Brain Age Prediction Reveals Aberrant Brain White Matter in Schizophrenia and Bipolar Disorder: A Multisample Diffusion Tensor Imaging Study. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 1095-1103.	1.5	28
47	The genetic architecture of human brainstem structures and their involvement in common brain disorders. <i>Nature Communications</i> , 2020, 11, 4016.	12.8	26
48	1q21.1 distal copy number variants are associated with cerebral and cognitive alterations in humans. <i>Translational Psychiatry</i> , 2021, 11, 182.	4.8	24
49	Metabolic dysfunctions in the kynurenine pathway, noradrenergic and purine metabolism in schizophrenia and bipolar disorders. <i>Psychological Medicine</i> , 2020, 50, 595-606.	4.5	23
50	Adipokine levels are associated with insulin resistance in antipsychotics users independently of BMI. <i>Psychoneuroendocrinology</i> , 2019, 103, 87-95.	2.7	20
51	No association between a promoter dopamine D4receptor gene variant and schizophrenia. <i>American Journal of Medical Genetics Part A</i> , 2001, 105, 525-528.	2.4	19
52	Concomitant medication of psychoses in a lifetime perspective. <i>Human Psychopharmacology</i> , 2011, 26, 322-331.	1.5	19
53	Heart rate variability is associated with disease severity in psychosis spectrum disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 111, 110108.	4.8	18
54	Large-scale collaboration in ENIGMA-EEG: A perspective on the meta-analytic approach to link neurological and psychiatric liability genes to electrophysiological brain activity. <i>Brain and Behavior</i> , 2021, 11, e02188.	2.2	18

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55	Association study between dopamine D3receptor gene variant and personality traits. , 2003, 117B, 61-65.		17
56	Psychiatric and neurological disorders in late adolescence and risk of convictions for violent crime in men. BMC Psychiatry, 2015, 15, 299.	2.6	16
57	No association between a putative functional promoter variant in the dopamine ??-hydroxylase gene and schizophrenia. Psychiatric Genetics, 2003, 13, 175-178.	1.1	15
58	Cerebrospinal fluid kynurenic acid in male patients with schizophrenia â€“ correlation with monoamine metabolites. Acta Neuropsychiatrica, 2007, 19, 45-52.	2.1	14
59	Suicide risk and antipsychotic side effects in schizophrenia: nested case-control study. Human Psychopharmacology, 2016, 31, 341-345.	1.5	14
60	Intelligence, educational attainment, and brain structure in those at familial highâ€“risk for schizophrenia or bipolar disorder. Human Brain Mapping, 2022, 43, 414-430.	3.6	14
61	Association study of a functional promoter polymorphism in theXBP1 gene and schizophrenia. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2006, 141B, 71-75.	1.7	13
62	Suicide Ideation and Behavior as Risk Factors for Subsequent Suicide in Schizophrenia: A Nested Caseâ€“Control Study. Suicide and Life-Threatening Behavior, 2019, 49, 996-1005.	1.9	12
63	Experience-dependent modulation of the visual evoked potential: Testing effect sizes, retention over time, and associations with age in 415 healthy individuals. NeuroImage, 2020, 223, 117302.	4.2	12
64	Aberrant Default Mode Connectivity in Adolescents with Early-Onset Psychosis: A resting state fMRI study. NeuroImage: Clinical, 2021, 33, 102881.	2.7	12
65	Cerebrospinal fluid monoamine metabolite concentrations as intermediate phenotypes between glutamate-related genes and psychosis. Psychiatry Research, 2015, 229, 497-504.	3.3	11
66	Personality traits in established schizophrenia: aspects of usability and differences between patients and controls using the Swedish universities Scales of Personality. Nordic Journal of Psychiatry, 2016, 70, 462-469.	1.3	11
67	Stability of personality traits over a five-year period in Swedish patients with schizophrenia spectrum disorder and non-psychotic individuals: a study using the Swedish universities scales of personality. BMC Psychiatry, 2018, 18, 54.	2.6	10
68	Brain-derived neurotrophic factor gene variation influences cerebrospinal fluid 3-methoxy-4-hydroxyphenylglycol concentrations in healthy volunteers. Journal of Neural Transmission, 2008, 115, 1695-1699.	2.8	9
69	No association between <i>MTHFR</i> C677T or A1298C and age at onset of schizophrenia: Comments. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2010, 153B, 1361-1361.	1.7	8
70	Platelet monoamine oxidase activity and interpersonal violence in male suicide attempters. Psychiatry Research, 2018, 260, 173-176.	3.3	8
71	Microstructural White Matter and Links With Subcortical Structures in Chronic Schizophrenia: A Free-Water Imaging Approach. Frontiers in Psychiatry, 2020, 11, 56.	2.6	8
72	Evidence for Reduced Long-Term Potentiation-Like Visual Cortical Plasticity in Schizophrenia and Bipolar Disorder. Schizophrenia Bulletin, 2021, 47, 1751-1760.	4.3	8

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73	Use of antipsychotics – An analysis of lifetime treatment in 66 patients with psychoses. <i>Psychiatry Research</i> , 2011, 187, 80-88.	3.3	7
74	Further studies on a male monozygotic triplet with schizophrenia: cytogenetical and neurobiological assessments in the patients and their parents. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 1997, 247, 239-247.	3.2	6
75	Genetic control of variability in subcortical and intracranial volumes. <i>Molecular Psychiatry</i> , 2021, 26, 3876-3883.	7.9	6
76	Associations between a locus downstream DRD1 gene and cerebrospinal fluid dopamine metabolite concentrations in psychosis. <i>Neuroscience Letters</i> , 2016, 619, 126-130.	2.1	5
77	Trajectories of brain volume change over 13 years in chronic schizophrenia. <i>Schizophrenia Research</i> , 2020, 222, 525-527.	2.0	5
78	No association between a transcription factor Activating Protein 2 ¹ (AP-2 ¹) gene variant and schizophrenia. <i>Neuroscience Letters</i> , 2002, 330, 290-292.	2.1	4
79	Multivariate alterations in insula - Medial prefrontal cortex linked to genetics in 12q24 in schizophrenia. <i>Psychiatry Research</i> , 2021, 306, 114237.	3.3	4
80	Swedish Universities Scales of Personality: Relation to Other Personality Instruments. <i>Psychiatry Investigation</i> , 2021, 18, 373-384.	1.6	2
81	No association between serotonin transporter gene polymorphisms and personality traits. <i>American Journal of Medical Genetics Part A</i> , 1999, 88, 430-436.	2.4	2
82	No major influence of regular tobacco smoking on cerebrospinal fluid monoamine metabolite concentrations in patients with psychotic disorder and healthy individuals. <i>Psychiatry Research</i> , 2018, 263, 30-34.	3.3	1
83	Response: Are thyroid abnormalities only related to antipsychotic treatment in patients with severe mental disorders?. <i>Journal of Psychiatric Research</i> , 2019, 117, 150.	3.1	0
84	Thirteen-year follow-up of long-term treated psychotic disorder: personality aspects. <i>Nordic Journal of Psychiatry</i> , 2022, 76, 386-393.	1.3	0