HÃ¥kan Karlsson

List of Publications by Year
in descending order

77 papers	3,706 citations	126907 33 h-index	138484 58 g-index
81 all docs	81 docs citations	81 times ranked	4757 citing authors

#	Article	IF	Citations
1	Childhood infections and autism spectrum disorders and/or intellectual disability: a register-based cohort study. Journal of Neurodevelopmental Disorders, 2022, 14, 12.	3.1	11
2	Maternal levels of acute phase proteins in early pregnancy and risk of autism spectrum disorders in offspring. Translational Psychiatry, 2022, 12, 148.	4.8	1
3	Parental inflammatory bowel disease and autism in children. Nature Medicine, 2022, 28, 1406-1411.	30.7	18
4	Association of maternal diabetes with neurodevelopmental disorders: autism spectrum disorders, attention-deficit/hyperactivity disorder and intellectual disability. International Journal of Epidemiology, 2021, 50, 459-474.	1.9	48
5	Developmental vitamin D and autism spectrum disorders: findings from the Stockholm Youth Cohort. Molecular Psychiatry, 2021, 26, 1578-1588.	7.9	60
6	Neonatal Levels of Acute Phase Proteins and Risk of Autism Spectrum Disorder. Biological Psychiatry, 2021, 89, 463-475.	1.3	17
7	Maternal antibodies to gliadin and autism spectrum disorders in offspringâ€"A populationâ€based caseâ€"control study in Sweden. Autism Research, 2021, 14, 2002-2016.	3.8	0
8	Reply to: C-Reactive Protein in Neonates and Risk for Autism Spectrum Disorder. Biological Psychiatry, 2021, 90, e65-e66.	1.3	0
9	Doxycycline exposure during adolescence and future risk of non-affective psychosis and bipolar disorder: a total population cohort study. Translational Psychiatry, 2021, 11, 468.	4.8	4
10	The Association of Paternal IQ With Autism Spectrum Disorders and Its Comorbidities: A Population-Based Cohort Study. Journal of the American Academy of Child and Adolescent Psychiatry, 2020, 59, 410-421.	0.5	11
11	The Familial Risk of Autism Spectrum Disorder with and without Intellectual Disability. Autism Research, 2020, 13, 2242-2250.	3.8	33
12	Psychiatric comorbidity among women with endometriosis: nationwide cohort study in Sweden. American Journal of Obstetrics and Gynecology, 2020, 223, 415.e1-415.e16.	1.3	29
13	Assessment of the Role of IQ in Associations Between Population Density and Deprivation and Nonaffective Psychosis. JAMA Psychiatry, 2020, 77, 729.	11.0	18
14	Association of Prenatal Maternal Anemia With Neurodevelopmental Disorders. JAMA Psychiatry, 2019, 76, 1294.	11.0	126
15	Birth month and later diagnosis of schizophrenia. A population-based cohort study in Sweden. Journal of Psychiatric Research, 2019, 116, 1-6.	3.1	10
16	Birth seasonality and risk of autism spectrum disorder. European Journal of Epidemiology, 2019, 34, 785-792.	5.7	28
17	Epidemiological Studies of Prenatal and Childhood Infection and Schizophrenia. Current Topics in Behavioral Neurosciences, 2019, 44, 35-47.	1.7	13
18	Family History of Mental and Neurological Disorders and Risk of Autism. JAMA Network Open, 2019, 2, e190154.	5.9	53

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19	Transcription of human endogenous retroviruses in human brain by RNA-seq analysis. PLoS ONE, 2019, 14, e0207353.	2.5	24
20	Childhood and Parental Asthma, Future Risk of Bipolar Disorder and Schizophrenia Spectrum Disorders: A Population-Based Cohort Study. Schizophrenia Bulletin, 2019, 45, 360-368.	4.3	18
21	Systemic inflammation and intelligence in early adulthood and subsequent risk of schizophrenia and other non-affective psychoses: a longitudinal cohort and co-relative study. Psychological Medicine, 2019, 49, 295-302.	4.5	22
22	Association of Childhood Infection With IQ and Adult Nonaffective Psychosis in Swedish Men. JAMA Psychiatry, 2018, 75, 356.	11.0	40
23	Association of Gestational Weight Gain and Maternal Body Mass Index in Early Pregnancy With Risk for Nonaffective Psychosis in Offspring. JAMA Psychiatry, 2017, 74, 339.	11.0	27
24	Antiviral Effect of IDO in Mouse Fibroblast Cells During Influenza Virus Infection. Viral Immunology, 2017, 30, 542-544.	1.3	9
25	Schizophrenia-risk and urban birth are associated with proteomic changes in neonatal dried blood spots. Translational Psychiatry, 2017, 7, 1290.	4.8	30
26	Associations Between Maternal Infection During Pregnancy, Childhood Infections and the Risk of Subsequent Psychotic Disorderâ€"A Swedish Cohort Study of Nearly 2 Million Individuals. Schizophrenia Bulletin, 2016, 42, sbv112.	4.3	78
27	Maternal vitamin D deficiency and the risk of autism spectrum disorders: population-based study. BJPsych Open, 2016, 2, 170-172.	0.7	61
28	Expression and regulation of human endogenous retrovirus W elements. Apmis, 2016, 124, 52-66.	2.0	47
29	H1N1 influenza virus induces narcolepsy-like sleep disruption and targets sleepâ€"wake regulatory neurons in mice. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E368-77.	7.1	71
30	Etiological Environmental Models. Handbook of Behavioral Neuroscience, 2016, 23, 193-207.	0.7	1
31	First international workshop on human endogenous retroviruses and diseases, HERVs & disease 2015. Mobile DNA, 2015, 6, 20.	3.6	6
32	Maternal body mass index during early pregnancy, gestational weight gain, and risk of autism spectrum disorders: Results from a Swedish total population and discordant sibling study. International Journal of Epidemiology, 2015, 44, 870-883.	1.9	99
33	Maternal hospitalization with infection during pregnancy and risk of autism spectrum disorders. Brain, Behavior, and Immunity, 2015, 44, 100-105.	4.1	257
34	Transcriptional Derepression of the ERVWE1 Locus following Influenza A Virus Infection. Journal of Virology, 2014, 88, 4328-4337.	3.4	56
35	Hospital Admission With Infection During Childhood and Risk for Psychotic Illness--A Population-based Cohort Study. Schizophrenia Bulletin, 2014, 40, 1518-1525.	4.3	56
36	Parental age and the risk of autism spectrum disorders: findings from a Swedish population-based cohort. International Journal of Epidemiology, 2014, 43, 107-115.	1.9	129

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37	Behavioral disturbances in adult mice following neonatal virus infection or kynurenine treatment â€“ Role of brain kynurenic acid. Brain, Behavior, and Immunity, 2014, 36, 80-89.	4.1	37
38	Alteration of Thioredoxin and Glutaredoxin in the Progression of Alzheimer's Disease. Journal of Alzheimer's Disease, 2014, 39, 787-797.	2.6	52
39	TheETV6/RUNX1fusion transcript is not detected in RNA isolated from neonatal dried blood spots from children later diagnosed with the corresponding leukemia. Leukemia and Lymphoma, 2013, 54, 2742-2744.	1.3	3
40	Activation of kynurenine pathway in exÂvivo fibroblasts from patients with bipolar disorder or schizophrenia: Cytokine challenge increases production of 3-hydroxykynurenine. Journal of Psychiatric Research, 2013, 47, 1815-1823.	3.1	61
41	Maternal Antibodies to Dietary Antigens and Risk for Nonaffective Psychosis in Offspring. American Journal of Psychiatry, 2012, 169, 625-632.	7.2	38
42	Maternal antibodies to infectious agents and risk for non-affective psychoses in the offspringâ€”a matched caseâ€“control study. Schizophrenia Research, 2012, 140, 25-30.	2.0	60
43	Increased plasma levels of thioredoxin-1 in patients with first episode psychosis and long-term schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2011, 35, 1117-1121.	4.8	30
44	Effects of pro-inflammatory cytokines on expression of kynurenine pathway enzymes in human dermal fibroblasts. Journal of Inflammation, 2011, 8, 25.	3.4	57
45	A systematic evaluation of expression of HERV-W elements; influence of genomic context, viral structure and orientation. BMC Genomics, 2011, 12, 22.	2.8	21
46	Neonatal infection with neurotropic influenza A virus induces the kynurenine pathway in early life and disrupts sensorimotor gating in adult Tap1â^'/â^' mice. International Journal of Neuropsychopharmacology, 2010, 13, 475.	2.1	46
47	Association between erythrocyte sedimentation rate and IQ in Swedish males aged 18â€“20. Brain, Behavior, and Immunity, 2010, 24, 868-873.	4.1	29
48	Expression profiling of repetitive elements by melting temperature analysis: variation in HERV-W gag expression across human individuals and tissues. BMC Genomics, 2009, 10, 532.	2.8	20
49	Activation of brain interleukin-1Î² in schizophrenia. Molecular Psychiatry, 2009, 14, 1069-1071.	7.9	147
50	Neonatal infection with neurotropic influenza A virus affects working memory and expression of type III Nrg1 in adult mice. Brain, Behavior, and Immunity, 2009, 23, 733-741.	4.1	29
51	Quantitation of RNA decay in dried blood spots during 20 years of storage. Clinical Chemistry and Laboratory Medicine, 2009, 47, 1467-9.	2.3	26
52	Induction of the kynurenine pathway by neurotropic influenza a virus infection. Journal of Neuroscience Research, 2008, 86, 3674-3683.	2.9	40
53	Mixture models for analysis of melting temperature data. BMC Bioinformatics, 2008, 9, 370.	2.6	6
54	Verification of proposed peripheral biomarkers in mononuclear cells of individuals with schizophrenia. Journal of Psychiatric Research, 2008, 42, 639-643.	3.1	36

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55	Infections in the CNS During Childhood and the Risk of Subsequent Psychotic Illness: A Cohort Study of More Than One Million Swedish Subjects. American Journal of Psychiatry, 2008, 165, 59-65.	7.2	201
56	Endogenous Retroviruses and Human Neuropsychiatric Disorders. , 2008, , 65-85.		1
57	Molecular Beaconâ€"Based Temperature Control and Automated Analyses for Improved Resolution of Melting Temperature Analysis Using SYBR I Green Chemistry. Clinical Chemistry, 2007, 53, 98-103.	3.2	20
58	Elevated levels of transcripts encoding a human retroviral envelope protein (syncytin) in muscles from patients with motor neuron disease. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2007, 8, 67-72.	2.1	34
59	Elevated levels of human endogenous retrovirus-W transcripts in blood cells from patients with first episode schizophrenia. Genes, Brain and Behavior, 2007, 7, 070607052624002-???.	2.2	68
60	Influenza A virus transactivates the mouse envelope gene encoding syncytin B and its regulator, glial cells missing 1. Journal of NeuroVirology, 2007, 13, 29-37.	2.1	13
61	Transactivation of elements in the human endogenous retrovirus W family by viral infection. Retrovirology, 2006, 3, 44.	2.0	131
62	Evaluation of minor groove binding probe and Taqman probe PCR assays: Influence of mismatches and template complexity on quantification. Molecular and Cellular Probes, 2006, 20, 311-316.	2.1	99
63	Gene expression changes in brains of mice exposed to a maternal virus infection. NeuroReport, 2005, 16, 1111-1115.	1.2	22
64	Maternal influenza A/WSN/33 virus infection in mice and persistence of viral RNA in the brains of exposed offspring. , 2005, , 91-95.		0
65	HERV-W-related RNA detected in plasma from individuals with recent-onset schizophrenia or schizoaffective disorder. Molecular Psychiatry, 2004, 9, 12-13.	7.9	88
66	Extraction of RNA from Dried Blood on Filter Papers after Long-Term Storage. Clinical Chemistry, 2003, 49, 979-981.	3.2	45
67	Viruses and schizophrenia, connection or coincidence?. NeuroReport, 2003, 14, 535-542.	1.2	23
68	Persistence of viral RNA in the brain of offspring to mice infected with influenza A/WSN/33 virus during pregnancy. Journal of NeuroVirology, 2002, 8, 353-357.	2.1	66
69	Persistence of the influenza A/WSN/33 virus RNA at midbrain levels of immunodefective mice. Journal of NeuroVirology, 2001, 7, 117-124.	2.1	32
70	Retroviral RNA identified in the cerebrospinal fluids and brains of individuals with schizophrenia. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 4634-4639.	7.1	327
71	Endogenous retroviruses and schizophrenia. Brain Research Reviews, 2000, 31, 193-199.	9.0	162
72	Antidepressant-induced lipidosis with special reference to tricyclic compounds. Progress in Neurobiology, 2000, 60, 501-512.	5.7	60

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73	Application of microcalorimetry for recording basal metabolic and NA+, K+-ATPase activity in LLC-PK1 cells, a model for the renal tubular epithelial cell. Journal of Pharmacological and Toxicological Methods, 1998, 40, 137-143.	0.7	7
74	Tricyclic antidepressants induce apoptosis in human T lymphocytes. International Journal of Immunopharmacology, 1998, 19, 645-654.	1.1	30
75	Energy levels in resting and mitogen-stimulated human lymphocytes during treatment with FK506 or cyclosporin A in vitro. Biochimica Et Biophysica Acta - Bioenergetics, 1997, 1319, 301-310.	1.0	14
76	A calorimetric method for continuous recording of lymphocyte proliferation. Journal of Immunological Methods, 1996, 189, 197-202.	1.4	5
77	Maternal Levels of Cytokines in Early Pregnancy and Risk of Autism Spectrum Disorders in Offspring. Frontiers in Public Health, 0, 10, .	2.7	3