S Hossein Fatemi

List of Publications by Year
in descending order

92	9,773	38660 50	51492 86
papers	citations	h-index	g-index

95	95	95	9658
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Maternal Influenza Infection Causes Marked Behavioral and Pharmacological Changes in the Offspring. Journal of Neuroscience, 2003, 23, 297-302.	1.7	906
2	The Neurodevelopmental Hypothesis of Schizophrenia, Revisited. Schizophrenia Bulletin, 2009, 35, 528-548.	2.3	679
3	Consensus Paper: Pathological Role of the Cerebellum in Autism. Cerebellum, 2012, 11, 777-807.	1.4	577
4	Glutamic acid decarboxylase 65 and 67 kDa proteins are reduced in autistic parietal and cerebellar cortices. Biological Psychiatry, 2002, 52, 805-810.	0.7	447
5	GABAA Receptor Downregulation in Brains of Subjects with Autism. Journal of Autism and Developmental Disorders, 2009, 39, 223-230.	1.7	385
6	In-vivo rodent models for the experimental investigation of prenatal immune activation effects in neurodevelopmental brain disorders. Neuroscience and Biobehavioral Reviews, 2009, 33, 1061-1079.	2.9	312
7	Purkinje cell size is reduced in cerebellum of patients with autism. Cellular and Molecular Neurobiology, 2002, 22, 171-175.	1.7	271
8	GABAergic dysfunction in schizophrenia and mood disorders as reflected by decreased levels of glutamic acid decarboxylase 65 and 67 kDa and Reelin proteins in cerebellum. Schizophrenia Research, 2005, 72, 109-122.	1.1	271
9	Maternal infection leads to abnormal gene regulation and brain atrophy in mouse offspring: Implications for genesis of neurodevelopmental disorders. Schizophrenia Research, 2008, 99, 56-70.	1.1	258
10	Reelin signaling is impaired in autism. Biological Psychiatry, 2005, 57, 777-787.	0.7	247
11	Prenatal viral infection leads to pyramidal cell atrophy and macrocephaly in adulthood: implications for genesis of autism and schizophrenia. Cellular and Molecular Neurobiology, 2002, 22, 25-33.	1.7	235
12	The involvement of Reelin in neurodevelopmental disorders. Neuropharmacology, 2013, 68, 122-135.	2.0	233
13	Reelin glycoprotein: structure, biology and roles in health and disease. Molecular Psychiatry, 2005, 10, 251-257.	4.1	205
14	Glial fibrillary acidic protein is elevated in superior frontal, parietal and cerebellar cortices of autistic subjects. Cerebellum, 2005, 4, 206-210.	1.4	200
15	Dysregulation of Reelin and Bcl-2 proteins in autistic cerebellum. Journal of Autism and Developmental Disorders, 2001, 31, 529-535.	1.7	191
16	Expression of GABAB Receptors Is Altered in Brains of Subjects with Autism. Cerebellum, 2009, 8, 64-69.	1.4	188
17	mRNA and Protein Levels for GABAAÎ±4, Î±5, Î²1 and GABABR1 Receptors are Altered in Brains from Subjects with Autism. Journal of Autism and Developmental Disorders, 2010, 40, 743-750.	1.7	158
18	Alterations in GABAergic Biomarkers in the Autism Brain: Research Findings and Clinical Implications. Anatomical Record, 2011, 294, 1646-1652.	0.8	151

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19	Prenatal viral infection in mouse causes differential expression of genes in brains of mouse progeny: A potential animal model for schizophrenia and autism. Synapse, 2005, 57, 91-99.	0.6	146
20	Altered levels of Reelin and its isoforms in schizophrenia and mood disorders. NeuroReport, 2001, 12, 3209-3215.	0.6	131
21	Expression of astrocytic markers aquaporin 4 and connexin 43 is altered in brains of subjects with autism. Synapse, 2008, 62, 501-507.	0.6	131
22	Altered levels of the synaptosomal associated protein SNAP-25 in hippocampus of subjects with mood disorders and schizophrenia. NeuroReport, 2001, 12, 3257-3262.	0.6	130
23	Immuno-inflammatory, oxidative and nitrosative stress, and neuroprogressive pathways in the etiology, course and treatment of schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2013, 42, 1-4.	2.5	128
24	Metabotropic Glutamate Receptor 5 Upregulation in Children with Autism is Associated with Underexpression of Both Fragile X Mental Retardation Protein and GABA_A Receptor Beta 3 in Adults with Autism. Anatomical Record, 2011, 294, 1635-1645.	0.8	126
25	PDE4B polymorphisms and decreased PDE4B expression are associated with schizophrenia. Schizophrenia Research, 2008, 101, 36-49.	1.1	120
26	Viral infection, inflammation and schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2013, 42, 35-48.	2.5	120
27	Deficits in GABAB receptor system in schizophrenia and mood disorders: A postmortem study. Schizophrenia Research, 2011, 128, 37-43.	1.1	117
28	Prenatal viral infection causes alterations in nNOS expression in developing mouse brains. NeuroReport, 2000, 11, 1493-1496.	0.6	115
29	Glial fibrillary acidic protein is reduced in cerebellum of subjects with major depression, but not schizophrenia. Schizophrenia Research, 2004, 69, 317-323.	1.1	115
30	Reduced blood levels of reelin as a vulnerability factor in pathophysiology of autistic disorder. Cellular and Molecular Neurobiology, 2002, 22, 139-152.	1.7	112
31	Levels of Bcl-2 and P53 Are Altered in Superior Frontal and Cerebellar Cortices of Autistic Subjects. Cellular and Molecular Neurobiology, 2003, 23, 945-952.	1.7	109
32	Human influenza viral infection in utero alters glial fibrillary acidic protein immunoreactivity in the developing brains of neonatal mice. Molecular Psychiatry, 2002, 7, 633-640.	4.1	107
33	Altered levels of Bcl2 and p53 proteins in parietal cortex reflect deranged apoptotic regulation in autism. Synapse, 2001, 42, 281-284.	0.6	105
34	Fluoxetine in treatment of adolescent patients with autism: a longitudinal open trial. Journal of Autism and Developmental Disorders, 1998, 28, 303-307.	1.7	97
35	Chronic Olanzapine Treatment Causes Differential Expression of Genes in Frontal Cortex of Rats as Revealed by DNA Microarray Technique. Neuropsychopharmacology, 2006, 31, 1888-1899.	2.8	96
36	Abnormal expression of myelination genes and alterations in white matter fractional anisotropy following prenatal viral influenza infection at E16 in mice. Schizophrenia Research, 2009, 112, 46-53.	1.1	85

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37	Downregulation of GABAA Receptor Protein Subunits Î±6, Î²2, Î´, Îµ, Î³2, Î¸, and Ï2 in Superior Frontal Cortex of Subjects with Autism. Journal of Autism and Developmental Disorders, 2014, 44, 1833-1845.	1.7	81
38	Dopamine and serotonin levels following prenatal viral infection in mouseâ€"Implications for psychiatric disorders such as schizophrenia and autism. European Neuropsychopharmacology, 2008, 18, 712-716.	0.3	78
39	mRNA and protein expression for novel GABAA receptors Î¸ and Ï2 are altered in schizophrenia and mood disorders; relevance to FMRP-mGluR5 signaling pathway. Translational Psychiatry, 2013, 3, e271-e271.	2.4	78
40	Reduction in anti-apoptotic protein Bcl-2 in autistic cerebellum. NeuroReport, 2001, 12, 929-933.	0.6	77
41	A review of traditional and novel treatments for seizures in autism spectrum disorder: findings from a systematic review and expert panel. Frontiers in Public Health, 2013, 1, 31.	1.3	72
42	Dysregulation of fragile Ã— mental retardation protein and metabotropic glutamate receptor 5 in superior frontal cortex of individuals with autism: a postmortem brain study. Molecular Autism, 2011, 2, 6.	2.6	70
43	GABA receptor subunit distribution and FMRPâ€"mGluR5 signaling abnormalities in the cerebellum of subjects with schizophrenia, mood disorders, and autism. Schizophrenia Research, 2015, 167, 42-56.	1.1	69
44	Neuropathological Mechanisms of Seizures in Autism Spectrum Disorder. Frontiers in Neuroscience, 2016, 10, 192.	1.4	68
45	The role of fragile X mental retardation protein in major mental disorders. Neuropharmacology, 2011, 60, 1221-1226.	2.0	67
46	The viral theory of schizophrenia revisited: Abnormal placental gene expression and structural changes with lack of evidence for H1N1 viral presence in placentae of infected mice or brains of exposed offspring. Neuropharmacology, 2012, 62, 1290-1298.	2.0	64
47	Chronic psychotropic drug treatment causes differential expression of connexin 43 and GFAP in frontal cortex of rats. Schizophrenia Research, 2008, 104, 127-134.	1.1	60
48	Fragile X mental retardation protein levels are decreased in major psychiatric disorders. Schizophrenia Research, 2010, 124, 246-247.	1.1	58
49	Impairment of fragile X mental retardation protein-metabotropic glutamate receptor 5 signaling and its downstream cognates ras-related C3 botulinum toxin substrate 1, amyloid beta A4 precursor protein, striatal-enriched protein tyrosine phosphatase, and homer 1, in autism: a postmortem study in cerebellar vermis and superior frontal cortex. Molecular Autism, 2013, 4, 21.	2.6	54
50	Reelin Glycoprotein in Autism and Schizophrenia. International Review of Neurobiology, 2005, 71, 179-187.	0.9	53
51	The role of cerebellar genes in pathology of autism and schizophrenia. Cerebellum, 2008, 7, 279-294.	1.4	52
52	Human influenza viral infection in utero increases nNOS expression in hippocampi of neonatal mice. Synapse, 1998, 29, 84-88.	0.6	50
53	Chronic psychotropic drug treatment causes differential expression of Reelin signaling system in frontal cortex of rats. Schizophrenia Research, 2009, 111, 138-152.	1.1	49
54	Differential expression of synaptosome-associated protein 25 kDa [SNAP-25] in hippocampi of neonatal mice following exposure to human influenza virus in utero. Brain Research, 1998, 800, 1-9.	1.1	46

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55	Expression of phosphodiesterase 4 is altered in the brains of subjects with autism. NeuroReport, 2007, 18, 1841-1844.	0.6	46
56	Hippocampal CA1 Pyramidal Cell Size is Reduced in Bipolar Disorder. Cellular and Molecular Neurobiology, 2007, 27, 351-358.	1.7	43
57	Prenatal viral infection of mice at E16 causes changes in gene expression in hippocampi of the offspring. European Neuropsychopharmacology, 2009, 19, 648-653.	0.3	43
58	Glial fibrillary acidic protein and glutamic acid decarboxylase 65 and 67 kDa proteins are increased in brains of neonatal BALB/c mice following viral infection in utero. Schizophrenia Research, 2004, 69, 121-123.	1.1	41
59	Phosphodiesterase-4A expression is reduced in cerebella of patients with bipolar disorder. Psychiatric Genetics, 2008, 18, 282-288.	0.6	40
60	Metabotropic glutamate receptor 5 tracer [18F]-FPEB displays increased binding potential in postcentral gyrus and cerebellum of male individuals with autism: a pilot PET study. Cerebellum and Ataxias, 2018, 5, 3.	1.9	36
61	Viral regulation of aquaporin 4, connexin 43, microcephalin and nucleolin. Schizophrenia Research, 2008, 98, 163-177.	1.1	35
62	Antismoking and potential antipsychotic effects of varenicline in subjects with schizophrenia or schizoaffective disorder: A double-blind placebo and bupropion-controlled study. Schizophrenia Research, 2013, 146, 376-378.	1.1	29
63	Phosphodiesterase signaling system is disrupted in the cerebella of subjects with schizophrenia, bipolar disorder, and major depression. Schizophrenia Research, 2010, 119, 266-267.	1.1	28
64	The role of lithium in modulation of brain genes: relevance for aetiology and treatment of bipolar disorder. Biochemical Society Transactions, 2009, 37, 1090-1095.	1.6	26
65	Comparative gene expression study of the chronic exposure to clozapine and haloperidol in rat frontal cortex. Schizophrenia Research, 2012, 134, 211-218.	1.1	26
66	Protein expression of targets of the FMRP regulon is altered in brains of subjects with schizophrenia and mood disorders. Schizophrenia Research, 2015, 165, 201-211.	1.1	26
67	GABA_A and GABA_B receptor dysregulation in superior frontal cortex of subjects with schizophrenia and bipolar disorder. Synapse, 2017, 71, e21973.	0.6	26
68	Varenicline efficacy and tolerability in a subject with schizophrenia. Schizophrenia Research, 2008, 103, 328-329.	1.1	19
69	Reelin, a Marker of Stress Resilience in Depression and Psychosis. Neuropsychopharmacology, 2011, 36, 2371-2372.	2.8	18
70	Levels of phosphodiesterase 4A and 4B are altered by chronic treatment with psychotropic medications in rat frontal cortex. Synapse, 2010, 64, 550-555.	0.6	16
71	Co-occurrence of neurodevelopmental genes in etiopathogenesis of autism and schizophrenia. Schizophrenia Research, 2010, 118, 303-304.	1.1	15
72	A Review of Vareniclineâ€™s Efficacy and Tolerability in Smoking Cessation Studies in Subjects with Schizophrenia. Journal of Addiction Research & Therapy, 2012, 01, .	0.2	15

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73	Phosphorylated fragile X mental retardation protein at serine 499, is reduced in cerebellar vermis and superior frontal cortex of subjects with autism: implications for fragile X mental retardation protein-metabotropic glutamate receptor 5 signaling. Molecular Autism, 2013, 4, 41.	2.6	14
74	Existence of monomer and dimer forms of mGluR5, under reducing conditions in studies of postmortem brain in various psychiatric disorders. Schizophrenia Research, 2014, 158, 270-271.	1.1	11
75	The effects of prenatal H1N1 infection at E16 on FMRP, glutamate, GABA, and reelin signaling systems in developing murine cerebellum. Journal of Neuroscience Research, 2017, 95, 1110-1122.	1.3	11
76	Cerebellum and Autism. Cerebellum, 2013, 12, 778-779.	1.4	10
77	The Roles of Reelin, Bcl2, and Serotonin in Cerebellar Pathology in Autism. Journal of Developmental and Physical Disabilities, 2003, 15, 1-22.	1.0	7
78	The role of cerebellar genes in pathology of autism and schizophrenia. Cerebellum, 2008, 7, 1-16.	1.4	7
79	Cerebellar Pathology in Autism. , 2016, , 539-543.		6
80	Multiple pathways in prevention of immune-mediated brain disorders: Implications for the prevention of autism. Journal of Neuroimmunology, 2009, 217, 8-9.	1.1	5
81	Potential microbial origins of schizophrenia and their treatments. Drugs of Today, 2009, 45, 305.	0.7	5
82	Altered subcellular localization of fragile X mental retardation signaling partners and targets in superior frontal cortex of individuals with schizophrenia. NeuroReport, 2017, 28, 1066-1070.	0.6	3
83	The Role of Reelin in Etiology and Treatment of Psychiatric Disorders. , 2008, , 317-339.		3
84	Neurochemistry of Autism. Advances in Neurobiology, 2011, , 383-398.	1.3	3
85	Quantitative proteomics of forebrain subcellular fractions in fragile X mental retardation 1 knockout mice following acute treatment with 2â€Methylâ€6â€(phenylethynyl)pyridine: Relevance to developmental study of schizophrenia. Synapse, 2019, 73, e22069.	0.6	2
86	Autism Spectrum Disorders and Ataxia. , 2013, , 1895-1906.		2
87	Olanzapine Upregulates Genes for S100A8 and S100A9 in the Frontal Cortex of Rats. Neuropsychopharmacology, 2006, 31, 2568-2569.	2.8	1
88	Viral Infection and Abnormal Brain Development: A DNA Microarray Study. FASEB Journal, 2007, 21, A599.	0.2	1
89	Prenatal Viral Infection in Mouse: An Animal Model of Schizophrenia. Advances in Neurobiology, 2011, , 113-136.	1.3	1
90	Reelin, GABA, FMRP, and Autism. , 2015, , 337-359.		0

#	Article	IF	Citations
91	Autism Spectrum Disorders and Ataxia. , 2020, , 1-17.		0
92	Autism Spectrum Disorders and Ataxia. , 2022, , 2159-2175.		0