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	Autism Spectrum Disorders and Ataxia. , 2022, , 2159-2175.		0
2	Autism Spectrum Disorders and Ataxia. , 2020, , 1-17.		0
3	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
4	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
5	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
6	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
7	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
8	Neuropathological Mechanisms of Seizures in Autism Spectrum Disorder. Frontiers in Neuroscience, 2016, 10, 192.	1.4	68
9	Cerebellar Pathology in Autism. , 2016, , 539-543.		6
10	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
11	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
12	Reelin, GABA, FMRP, and Autism. , 2015, , 337-359.		0
13	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
14	Downregulation of GABAA Receptor Protein Subunits Î±6, Î²2, Î´, Îµ, Î³2, Î¸, and ï¢ in Superior Frontal Cortex of Subjects with Autism. Journal of Autism and Developmental Disorders, 2014, 44, 1833-1845.	1.7	81
15	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
16	Cerebellum and Autism. Cerebellum, 2013, 12, 778-779.	1.4	10
17	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
18	Viral infection, inflammation and schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2013, 42, 35-48.	2.5	120

#	Article	IF	Citations
19	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
20	The involvement of Reelin in neurodevelopmental disorders. Neuropharmacology, 2013, 68, 122-135.	2.0	233
21	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
22	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
23	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
24	Autism Spectrum Disorders and Ataxia. , 2013, , 1895-1906.		2
25	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
26	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
27	Consensus Paper: Pathological Role of the Cerebellum in Autism. Cerebellum, 2012, 11, 777-807.	1.4	577
28	A Review of Varenicline â€™s Efficacy and Tolerability in Smoking Cessation Studies in Subjects with Schizophrenia. Journal of Addiction Research & Therapy, 2012, 01, .	0.2	15
29	Deficits in GABAB receptor system in schizophrenia and mood disorders: A postmortem study. Schizophrenia Research, 2011, 128, 37-43.	1.1	117
30	The role of fragile X mental retardation protein in major mental disorders. Neuropharmacology, 2011, 60, 1221-1226.	2.0	67
31	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
32	Alterations in GABAergic Biomarkers in the Autism Brain: Research Findings and Clinical Implications. Anatomical Record, 2011, 294, 1646-1652.	0.8	151
33	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
34	Reelin, a Marker of Stress Resilience in Depression and Psychosis. Neuropsychopharmacology, 2011, 36, 2371-2372.	2.8	18
35	Neurochemistry of Autism. Advances in Neurobiology, 2011, , 383-398.	1.3	3
36	Prenatal Viral Infection in Mouse: An Animal Model of Schizophrenia. Advances in Neurobiology, 2011, , 113-136.	1.3	1

#	Article	IF	Citations
37	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
38	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
39	Co-occurrence of neurodevelopmental genes in etiopathogenesis of autism and schizophrenia. Schizophrenia Research, 2010, 118, 303-304.	1.1	15
40	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
41	Fragile X mental retardation protein levels are decreased in major psychiatric disorders. Schizophrenia Research, 2010, 124, 246-247.	1.1	58
42	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
43	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
44	GABAA Receptor Downregulation in Brains of Subjects with Autism. Journal of Autism and Developmental Disorders, 2009, 39, 223-230.	1.7	385
45	Expression of GABAB Receptors Is Altered in Brains of Subjects with Autism. Cerebellum, 2009, 8, 64-69.	1.4	188
46	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
47	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
48	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
49	The Neurodevelopmental Hypothesis of Schizophrenia, Revisited. Schizophrenia Bulletin, 2009, 35, 528-548.	2.3	679
50	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
51	Potential microbial origins of schizophrenia and their treatments. Drugs of Today, 2009, 45, 305.	0.7	5
52	The role of cerebellar genes in pathology of autism and schizophrenia. Cerebellum, 2008, 7, 279-294.	1.4	52
53	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
54	Viral regulation of aquaporin 4, connexin 43, microcephalin and nucleolin. Schizophrenia Research, 2008, 98, 163-177.	1.1	35

#	Article	IF	Citations
55	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
56	PDE4B polymorphisms and decreased PDE4B expression are associated with schizophrenia. Schizophrenia Research, 2008, 101, 36-49.	1.1	120
57	Varenicline efficacy and tolerability in a subject with schizophrenia. Schizophrenia Research, 2008, 103, 328-329.	1.1	19
58	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
59	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
60	Phosphodiesterase-4A expression is reduced in cerebella of patients with bipolar disorder. Psychiatric Genetics, 2008, 18, 282-288.	0.6	40
61	The Role of Reelin in Etiology and Treatment of Psychiatric Disorders. , 2008, , 317-339.		3
62	The role of cerebellar genes in pathology of autism and schizophrenia. Cerebellum, 2008, 7, 1-16.	1.4	7
63	Expression of phosphodiesterase 4 is altered in the brains of subjects with autism. NeuroReport, 2007, 18, 1841-1844.	0.6	46
64	Hippocampal CA1 Pyramidal Cell Size is Reduced in Bipolar Disorder. Cellular and Molecular Neurobiology, 2007, 27, 351-358.	1.7	43
65	Viral Infection and Abnormal Brain Development: A DNA Microarray Study. FASEB Journal, 2007, 21, A599.	0.2	1
66	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
67	Olanzapine Upregulates Genes for S100A8 and S100A9 in the Frontal Cortex of Rats. Neuropsychopharmacology, 2006, 31, 2568-2569.	2.8	1
68	Glial fibrillary acidic protein is elevated in superior frontal, parietal and cerebellar cortices of autistic subjects. Cerebellum, 2005, 4, 206-210.	1.4	200
69	Reelin glycoprotein: structure, biology and roles in health and disease. Molecular Psychiatry, 2005, 10, 251-257.	4.1	205
70	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
71	Reelin Glycoprotein in Autism and Schizophrenia. International Review of Neurobiology, 2005, 71, 179-187.	0.9	53
72	Reelin signaling is impaired in autism. Biological Psychiatry, 2005, 57, 777-787.	0.7	247

#	Article	IF	Citations
73	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
74	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
75	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
76	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
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	Maternal Influenza Infection Causes Marked Behavioral and Pharmacological Changes in the Offspring. Journal of Neuroscience, 2003, 23, 297-302.	1.7	906
79	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
80	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
81	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
82	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
83	Purkinje cell size is reduced in cerebellum of patients with autism. Cellular and Molecular Neurobiology, 2002, 22, 171-175.	1.7	271
84	Reduction in anti-apoptotic protein Bcl-2 in autistic cerebellum. NeuroReport, 2001, 12, 929-933.	0.6	77
85	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
86	Altered levels of Reelin and its isoforms in schizophrenia and mood disorders. NeuroReport, 2001, 12, 3209-3215.	0.6	131
87	Altered levels of Bcl2 and p53 proteins in parietal cortex reflect deranged apoptotic regulation in autism. Synapse, 2001, 42, 281-284.	0.6	105
88	Dysregulation of Reelin and Bcl-2 proteins in autistic cerebellum. Journal of Autism and Developmental Disorders, 2001, 31, 529-535.	1.7	191
89	Prenatal viral infection causes alterations in nNOS expression in developing mouse brains. NeuroReport, 2000, 11, 1493-1496.	0.6	115
90	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

#	Article	IF	Citations
91	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
92	Human influenza viral infection in utero increases nNOS expression in hippocampi of neonatal mice. Synapse, 1998, 29, 84-88.	0.6	50