## Immune involvement in schizophrenia and autism: Etic

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Citation Report

#	Article	IF	CITATIONS
1	A Classification of Sociomedical Health Indicators: Perspectives for Health Administrators and Health Planners. International Journal of Health Services, 1976, 6, 521-538.	2.5	14
2	Mapping of the full length and the truncated interleukin-18 receptor alpha in the mouse brain. Journal of Neuroimmunology, 2009, 214, 43-54.	2.3	41
3	Flavonoids, a prenatal prophylaxis via targeting JAK2/STAT3 signaling to oppose IL-6/MIA associated autism. Journal of Neuroimmunology, 2009, 217, 20-27.	2.3	95
4	Multiple pathways in prevention of immune-mediated brain disorders: Implications for the prevention of autism. Journal of Neuroimmunology, 2009, 217, 8-9.	2.3	5
5	Group II metabotropic glutamate receptors and schizophrenia. Cellular and Molecular Life Sciences, 2009, 66, 3777-3785.	5.4	68
6	Editorial: Special issue on modeling schizophrenia. Behavioural Brain Research, 2009, 204, 255-257.	2.2	7
7	Cytokines and CNS Development. Neuron, 2009, 64, 61-78.	8.1	706
8	The Promise of Epidemiologic Studies: Neuroimmune Mechanisms in the Etiologies of Brain Disorders. Neuron, 2009, 64, 25-27.	8.1	37
9	MHC Class I: An Unexpected Role in Neuronal Plasticity. Neuron, 2009, 64, 40-45.	8.1	337
10	Does schizophrenia arise from oxidative dysregulation of parvalbumin-interneurons in the developing cortex?. Neuropharmacology, 2009, 57, 193-200.	4.1	145
11	Animal models of autism spectrum disorders: Information for neurotoxicologists. NeuroToxicology, 2009, 30, 811-821.	3.0	40
12	PALMER RESPONDS. American Journal of Public Health, 2010, 100, 1157-1157.	2.7	0
15	FEDERAL TAX LAW ALLOWS ACADEMICS TO LOBBY. American Journal of Public Health, 2010, 100, 1157-1158.	2.7	1
16	AUTISM AND URBANIZATION. American Journal of Public Health, 2010, 100, 1156-1157.	2.7	12
17	Chronic clozapine treatment improves prenatal infection-induced working memory deficits without influencing adult hippocampal neurogenesis. Psychopharmacology, 2010, 208, 531-543.	3.1	85
18	Interleukin-1 Mediates Long-Term Hippocampal Dentate Granule Cell Loss Following Postnatal Viral Infection. Journal of Molecular Neuroscience, 2010, 41, 89-96.	2.3	4
19	Maternal Infection Requiring Hospitalization During Pregnancy and Autism Spectrum Disorders. Journal of Autism and Developmental Disorders, 2010, 40, 1423-1430.	2.7	717
20	Maternal immune activation by polyriboinosinic-polyribocytidilic acid injection produces synaptic dysfunction but not neuronal loss in the hippocampus of juvenile rat offspring. Brain Research, 2010, 1363, 170-179.	2.2	46

		Report	
#	ARTICLE	IF	CITATIONS
21	Animal models of hearopsychiatric disorders. Nature Neuroscience, 2010, 13, 1101-1109.	14.0	1,702
22	Role of immune molecules in the establishment and plasticity of glutamatergic synapses. European Journal of Neuroscience, 2010, 32, 207-217.	2.6	37
23	Cytokine hypothesis of schizophrenia pathogenesis: Evidence from human studies and animal models. Psychiatry and Clinical Neurosciences, 2010, 64, 217-230.	1.8	177
24	Evidence for gliadin antibodies as causative agents in schizophrenia Nature Precedings, 2010, , .	0.1	0
25	Esquizofrenia: uma doença inflamatória?. Jornal Brasileiro De Psiquiatria, 2010, 59, 52-57.	0.7	3
27	Lingering prenatal effects of the 1918 influenza pandemic on cardiovascular disease. Journal of Developmental Origins of Health and Disease, 2010, 1, 26-34.	1.4	150
28	Novel roles for immune molecules in neural development: implications for neurodevelopmental disorders. Frontiers in Synaptic Neuroscience, 2010, 2, 136.	2.5	175
29	Late Prenatal Immune Activation in Mice Leads to Behavioral and Neurochemical Abnormalities Relevant to the Negative Symptoms of Schizophrenia. Neuropsychopharmacology, 2010, 35, 2462-2478.	5.4	210
30	A Longitudinal Examination of the Neurodevelopmental Impact of Prenatal Immune Activation in Mice Reveals Primary Defects in Dopaminergic Development Relevant to Schizophrenia. Journal of Neuroscience, 2010, 30, 1270-1287.	3.6	197
31	Cognitive impairment following prenatal immune challenge in mice correlates with prefrontal cortical AKT1 deficiency. International Journal of Neuropsychopharmacology, 2010, 13, 981-996.	2.1	51
32	Models of Neurodevelopmental Abnormalities in Schizophrenia. Current Topics in Behavioral Neurosciences, 2010, 4, 435-481.	1.7	60
33	Induction of Toll-Like Receptor 3-Mediated Immunity during Gestation Inhibits Cortical Neurogenesis and Causes Behavioral Disturbances. MBio, 2010, 1, .	4.1	87
34	Prenatal Lipopolysaccharide Reduces Social Behavior in Male Offspring. NeuroImmunoModulation, 2010, 17, 240-251.	1.8	105
35	Maternal Immune Activation and Autism Spectrum Disorder: Interleukin-6 Signaling as a Key Mechanistic Pathway. NeuroSignals, 2010, 18, 113-128.	0.9	111
36	Prenatal Infection and Schizophrenia: A Review of Epidemiologic and Translational Studies. American Journal of Psychiatry, 2010, 167, 261-280.	7.2	1,068
37	Prenatal Inflammation-Induced Hypoferremia Alters Dopamine Function in the Adult Offspring in Rat: Relevance for Schizophrenia. PLoS ONE, 2010, 5, e10967.	2.5	56
38	Markers of Gluten Sensitivity and Celiac Disease in Recent-Onset Psychosis and Multi-Episode Schizophrenia. Biological Psychiatry, 2010, 68, 100-104.	1.3	121
39	Novel immune response to gluten in individuals with schizophrenia. Schizophrenia Research, 2010, 118, 248-255.	2.0	101

#	Article	IF	CITATIONS
40	Structural brain alterations in schizophrenia following fetal exposure to the inflammatory cytokine interleukin-8. Schizophrenia Research, 2010, 121, 46-54.	2.0	201
41	The Neurobiology of Lipid Metabolism in Autism Spectrum Disorders. NeuroSignals, 2010, 18, 98-112.	0.9	91
42	Evidence of reactive astrocytes but not peripheral immune system activation in a mouse model of Fragile X syndrome. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2010, 1802, 1006-1012.	3.8	74
43	Maternal immune activation alters nonspatial information processing in the hippocampus of the adult offspring. Brain, Behavior, and Immunity, 2010, 24, 930-941.	4.1	112
44	P.3.f.003 Effect of clozapine on behavioural and cytokine profiles in rats with lipopolysaccharide and viral protein stimulation. European Neuropsychopharmacology, 2010, 20, S514-S515.	0.7	0
45	P.3.f.004 Coping strategies in individuals with serious and prolonged mental disorders. European Neuropsychopharmacology, 2010, 20, S515.	0.7	0
47	Behavioral Neurobiology of Schizophrenia and Its Treatment. Current Topics in Behavioral Neurosciences, 2010, , .	1.7	8
48	N-acetylcysteine attenuates the maternal and fetal proinflammatory response to intrauterine LPS injection in an animal model for preterm birth and brain injury. Journal of Maternal-Fetal and Neonatal Medicine, 2011, 24, 732-740.	1.5	33
49	Prenatal Infection and Immune Models of Schizophrenia. Neuromethods, 2011, , 79-91.	0.3	1
50	Activation of the maternal immune system induces endocrine changes in the placenta via IL-6. Brain, Behavior, and Immunity, 2011, 25, 604-615.	4.1	316
51	Individual differences in maternal response to immune challenge predict offspring behavior: Contribution of environmental factors. Behavioural Brain Research, 2011, 220, 55-64.	2.2	51
52	Differential effects of maternal immune activation and juvenile stress on anxiety-like behaviour and physiology in adult rats: No evidence for the "double-hit hypothesis― Behavioural Brain Research, 2011, 224, 180-188.	2.2	54
53	Is prolonged stem cell mobilization detrimental for hematopoiesis?. Medical Hypotheses, 2011, 77, 1111-1113.	1.5	4
54	Maternal infection and immune involvement in autism. Trends in Molecular Medicine, 2011, 17, 389-394.	6.7	453
55	Effect of paliperidone and risperidone on extracellular glutamate in the prefrontal cortex of rats exposed to prenatal immune activation or MK-801. Neuroscience Letters, 2011, 500, 167-171.	2.1	46
56	IL-1β inhibits axonal growth of developing sympathetic neurons. Molecular and Cellular Neurosciences, 2011, 48, 142-150.	2.2	24
57	The environment and susceptibility to schizophrenia. Progress in Neurobiology, 2011, 93, 23-58.	5.7	539
58	Study of HLA Class I gene in Indian schizophrenic patients of Siliguri, West Bengal. Psychiatry Research, 2011, 189, 215-219.	3.3	10

#	Article	IF	CITATIONS
59	Modeling Autistic Features in Animals. Pediatric Research, 2011, 69, 34R-40R.	2.3	133
60	Effects of Exogenous Agents on Brain Development: Stress, Abuse and Therapeutic Compounds. CNS Neuroscience and Therapeutics, 2011, 17, 470-489.	3.9	19
61	Maternal Genetic Mutations as Gestational and Early Life Influences in Producing Psychiatric Disease-Like Phenotypes in Mice. Frontiers in Psychiatry, 2011, 2, 25.	2.6	9
62	Early Effects of Lipopolysaccharide-Induced Inflammation on Foetal Brain Development in Rat. ASN Neuro, 2011, 3, AN20110027.	2.7	43
63	Exposure to Prenatal Infection and Risk of Schizophrenia. Frontiers in Psychiatry, 2011, 2, 63.	2.6	75
64	Comparative immunogenetics of autism and schizophrenia. Genes, Brain and Behavior, 2011, 10, 689-701.	2.2	39
65	Decreased Cortical Serotonin in Neonatal Rabbits Exposed to Endotoxin <i>in Utero</i> . Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 738-749.	4.3	49
66	Hierarchical temporal processing deficit model of reality distortion and psychoses. Molecular Psychiatry, 2011, 16, 129-144.	7.9	15
67	Annual Research Review: Transgenic mouse models of childhoodâ€onset psychiatric disorders. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2011, 52, 442-475.	5.2	27
68	Associations of impaired behaviors with elevated plasma chemokines in autism spectrum disorders. Journal of Neuroimmunology, 2011, 232, 196-199.	2.3	235
69	Effects of risperidone and paliperidone pre-treatment on locomotor response following prenatal immune activation. Journal of Psychiatric Research, 2011, 45, 1194-1201.	3.1	35
70	Alterations in cognitive function and behavioral response to amphetamine induced by prenatal inflammation are dependent on the stage of pregnancy. Psychoneuroendocrinology, 2011, 36, 634-648.	2.7	37
71	The chimeric gene CHRFAM7A, a partial duplication of the CHRNA7 gene, is a dominant negative regulator of α7*nAChR function. Biochemical Pharmacology, 2011, 82, 904-914.	4.4	109
72	Schizophrenia and Autism: Both Shared and Disorder-Specific Pathogenesis Via Perinatal Inflammation?. Pediatric Research, 2011, 69, 26R-33R.	2.3	305
73	Critical Age Windows for Neurodevelopmental Psychiatric Disorders: Evidence from Animal Models. Neurotoxicity Research, 2011, 19, 286-307.	2.7	123
74	Increased midgestational IFN-γ, IL-4 and IL-5 in women bearing a child with autism: A case-control study. Molecular Autism, 2011, 2, 13.	4.9	284
75	Oxidative stress in schizophrenia: An integrated approach. Neuroscience and Biobehavioral Reviews, 2011, 35, 878-893.	6.1	375
76	Maternal Infection and Schizophrenia: Implications for Prevention. Schizophrenia Bulletin, 2011, 37, 284-290.	4.3	183

#	Article	IF	CITATIONS
77	Maternal Immune Activation Impairs Reversal Learning and Increases Serum Tumor Necrosis Factor-α in Offspring. Neuropsychobiology, 2011, 64, 9-14.	1.9	30
78	Environmental risk factors for autism. Emerging Health Threats Journal, 2011, 4, 7111.	3.0	94
80	Translational Epidemiology in Psychiatry. Archives of General Psychiatry, 2011, 68, 600.	12.3	41
81	Maternal Influenza Viral Infection Causes Schizophrenia-Like Alterations of 5-HT <sub>2A</sub> and mClu <sub>2</sub> Receptors in the Adult Offspring. Journal of Neuroscience, 2011, 31, 1863-1872.	3.6	109
82	Autoimmune Diseases and Severe Infections as Risk Factors for Schizophrenia: A 30-Year Population-Based Register Study. American Journal of Psychiatry, 2011, 168, 1303-1310.	7.2	459
83	Contribution of nonprimate animal models in understanding the etiology of schizophrenia. Journal of Psychiatry and Neuroscience, 2011, 36, E5-E29.	2.4	14
84	Sarm1, a negative regulator of innate immunity, interacts with syndecan-2 and regulates neuronal morphology. Journal of Cell Biology, 2011, 193, 769-784.	5.2	120
86	Transient Inactivation of the Neonatal Ventral Hippocampus Permanently Disrupts the Mesolimbic Regulation of Prefrontal Cholinergic Transmission: Implications for Schizophrenia. Neuropsychopharmacology, 2011, 36, 2477-2487.	5.4	16
87	Can We Determine High Risk Groups in Schizophrenia A Hypothesis. Current Approaches in Psychiatry, 2012, 4, 371.	0.4	0
88	Neonatal Behavioral Changes in Rats With Gestational Exposure to Lipopolysaccharide: A Prenatal Infection Model for Developmental Neuropsychiatric Disorders. Schizophrenia Bulletin, 2012, 38, 444-456.	4.3	105
89	<i>N</i> -acetylcysteine prevents preterm birth by attenuating the LPS-induced expression of contractile associated proteins in an animal model. Journal of Maternal-Fetal and Neonatal Medicine, 2012, 25, 2395-2400.	1.5	19
90	A randomised controlled trial of bumetanide in the treatment of autism in children. Translational Psychiatry, 2012, 2, e202-e202.	4.8	246
91	Interleukin-1 Receptor Accessory Protein Organizes Neuronal Synaptogenesis as a Cell Adhesion Molecule. Journal of Neuroscience, 2012, 32, 2588-2600.	3.6	116
92	Glutamate and Psychosis Risk. Current Pharmaceutical Design, 2012, 18, 466-478.	1.9	34
93	White matter injury following fetal inflammatory response syndrome induced by chorioamnionitis and fetal sepsis: Lessons from experimental ovine models. Early Human Development, 2012, 88, 931-936.	1.8	54
94	Maternal Use of Cystitis Medication and Childhood Epilepsy in a Danish Populationâ€based Cohort. Paediatric and Perinatal Epidemiology, 2012, 26, 589-595.	1.7	13
95	The Long and the Short of it: Gene and Environment Interactions During Early Cortical Development and Consequences for Long-Term Neurological Disease. Frontiers in Psychiatry, 2012, 3, 50.	2.6	50
96	Prenatal programing: At the intersection of maternal stress and immune activation. Hormones and Behavior, 2012, 62, 237-242.	2.1	185

#	Article	IF	CITATIONS
98	CNS effects of CB2 cannabinoid receptors: beyond neuro-immuno-cannabinoid activity. Journal of Psychopharmacology, 2012, 26, 92-103.	4.0	158
99	To poly(I:C) or not to poly(I:C): Advancing preclinical schizophrenia research through the use of prenatal immune activation models. Neuropharmacology, 2012, 62, 1308-1321.	4.1	213
100	Prenatal exposure to a viral mimetic alters behavioural flexibility in male, but not female, rats. Neuropharmacology, 2012, 62, 1299-1307.	4.1	78
101	Tracing the development of psychosis and its prevention: What can be learned from animal models. Neuropharmacology, 2012, 62, 1273-1289.	4.1	100
102	Altered object-in-place recognition memory, prepulse inhibition, and locomotor activity in the offspring of rats exposed to a viral mimetic during pregnancy. Neuroscience, 2012, 201, 184-198.	2.3	109
103	Do autism spectrum disorders involve a generalized object categorization and identification dysfunction?. Medical Hypotheses, 2012, 79, 344-351.	1.5	6
104	The role of immune dysfunction in the pathophysiology of autism. Brain, Behavior, and Immunity, 2012, 26, 383-392.	4.1	530
105	Maternal immune activation yields offspring displaying mouse versions of the three core symptoms of autism. Brain, Behavior, and Immunity, 2012, 26, 607-616.	4.1	550
106	Maternal immune activation in late gestation enhances locomotor response to acute but not chronic amphetamine treatment in male mice offspring: Role of the D1 receptor. Behavioural Brain Research, 2012, 232, 30-36.	2.2	27
107	Epidemiologic studies of exposure to prenatal infection and risk of schizophrenia and autism. Developmental Neurobiology, 2012, 72, 1272-1276.	3.0	363
108	Immune system gene dysregulation in autism and schizophrenia. Developmental Neurobiology, 2012, 72, 1277-1287.	3.0	96
109	Placental regulation of maternalâ€fetal interactions and brain development. Developmental Neurobiology, 2012, 72, 1317-1326.	3.0	160
110	The major histocompatibility complex and autism spectrum disorder. Developmental Neurobiology, 2012, 72, 1288-1301.	3.0	57
111	Introduction to special issue on neuroimmunology in brain development and disease. Developmental Neurobiology, 2012, 72, 1269-1271.	3.0	9
112	Maternal immune activation by poly(I:C) induces expression of cytokines IL-112 and IL-13, chemokine MCP-1 and colony stimulating factor VEGF in fetal mouse brain. Journal of Neuroinflammation, 2012, 9, 83.	7.2	124
113	The immune theory of psychiatric diseases: a key role for activated microglia and circulating monocytes. Journal of Leukocyte Biology, 2012, 92, 959-975.	3.3	293
114	Prenatal infection, maternal immune activation, and risk for schizophrenia. Translational Neuroscience, 2012, 3, 320-327.	1.4	78
115	Role of IL-6 in the etiology of hyperexcitable neuropsychiatric conditions: experimental evidence and therapeutic implications. Future Medicinal Chemistry, 2012, 4, 2177-2192.	2.3	21

#	Article	IF	CITATIONS
116	The Neurodevelopmental Hypothesis of Schizophrenia. Psychiatric Clinics of North America, 2012, 35, 571-584.	1.3	74
117	Effect of the Interleukin-1β Gene on Dorsolateral Prefrontal Cortex Function in Schizophrenia: A Genetic Neuroimaging Study. Biological Psychiatry, 2012, 72, 758-765.	1.3	28
118	Levels of Soluble Platelet Endothelial Cell Adhesion Molecule-1 and P-Selectin Are Decreased in Children with Autism Spectrum Disorder. Biological Psychiatry, 2012, 72, 1020-1025.	1.3	50
119	Antibodies to retroviruses in recent onset psychosis and multi-episode schizophrenia. Schizophrenia Research, 2012, 138, 198-205.	2.0	20
120	Immunomodulatory effects of clozapine and their clinical implications: What have we learned so far?. Schizophrenia Research, 2012, 140, 204-213.	2.0	129
121	Effects of maternal immune activation on gene expression patterns in the fetal brain. Translational Psychiatry, 2012, 2, e98-e98.	4.8	141
122	Maternal Immune Activation Increases Neonatal Mouse Cortex Thickness and Cell Density. Journal of NeuroImmune Pharmacology, 2012, 7, 529-532.	4.1	31
123	Segment-Wise Genome-Wide Association Analysis Identifies a Candidate Region Associated with Schizophrenia in Three Independent Samples. PLoS ONE, 2012, 7, e38828.	2.5	7
124	Interleukin-6, a Major Cytokine in the Central Nervous System. International Journal of Biological Sciences, 2012, 8, 1254-1266.	6.4	792
125	Section summary and perspectives: Translational medicine in psychiatry. , 0, , 118-128.		Ο
126	Autism and autism spectrum disorders. , 0, , 183-195.		0
127	Amygdalar Models of Neurological and Neuropsychiatric Disorders. , 0, , .		0
128	Cigarette Smoke-Induced Cerebral Cortical Interleukin-6 Elevation is not Mediated Through Oxidative Stress. Neurotoxicity Research, 2012, 22, 170-176.	2.7	9
129	Effects of prenatal immune activation and peri-adolescent stress on amphetamine-induced conditioned place preference in the rat. Psychopharmacology, 2012, 222, 313-324.	3.1	17
130	Gestational immune activation and Tsc2 haploinsufficiency cooperate to disrupt fetal survival and may perturb social behavior in adult mice. Molecular Psychiatry, 2012, 17, 62-70.	7.9	117
131	Models of Fetal Brain Injury, Intrauterine Inflammation, and Preterm Birth. American Journal of Reproductive Immunology, 2012, 67, 287-294.	1.2	205
132	Autoimmune diseases and infections as risk factors for schizophrenia. Annals of the New York Academy of Sciences, 2012, 1262, 56-66.	3.8	156
133	Leptin and interleukin-6 alter the function of mesolimbic dopamine neurons in a rodent model of prenatal inflammation. Psychoneuroendocrinology, 2012, 37, 956-969.	2.7	40

#	Article	IF	CITATIONS
134	Fluoxetine and aripiprazole treatment following prenatal immune activation exert longstanding effects on rat locomotor response. Physiology and Behavior, 2012, 106, 171-177.	2.1	21
135	Increases in Proinflammatory Cytokine Levels at Early Ages as a Risk Factor for the Development of Nervous and Mental Pathology. Neuroscience and Behavioral Physiology, 2013, 43, 535-541.	0.4	4
136	Maternal immune activation causes age- and region-specific changes in brain cytokines in offspring throughout development. Brain, Behavior, and Immunity, 2013, 31, 54-68.	4.1	297
137	Altered arginine metabolism in the hippocampus and prefrontal cortex of maternal immune activation rat offspring. Schizophrenia Research, 2013, 148, 151-156.	2.0	22
138	Modifiable risk factors for schizophrenia and autism — Shared risk factors impacting on brain development. Neurobiology of Disease, 2013, 53, 3-9.	4.4	59
139	Prenatal and perinatal analgesic exposure and autism: an ecological link. Environmental Health, 2013, 12, 41.	4.0	98
140	Celecoxib as adjunctive treatment to risperidone in children with autistic disorder: a randomized, double-blind, placebo-controlled trial. Psychopharmacology, 2013, 225, 51-59.	3.1	109
141	TLR7 Negatively Regulates Dendrite Outgrowth through the Myd88-c-Fos-IL-6 Pathway. Journal of Neuroscience, 2013, 33, 11479-11493.	3.6	60
142	Epilepsy and brain inflammation. Experimental Neurology, 2013, 244, 11-21.	4.1	466
143	Aarskog Syndrome. , 2013, , 9-10.		Ο
144	Maternal serum persistent organic pollutants in the Finnish Prenatal Study of Autism: A pilot study. Neurotoxicology and Teratology, 2013, 38, 1-5.	2.4	87
145	Cytokine dysregulation in autism spectrum disorders (ASD): Possible role of the environment. Neurotoxicology and Teratology, 2013, 36, 67-81.	2.4	240
146	Selective localization of bone marrow-derived ramified cells in the brain adjacent to the attachments of choroid plexus. Brain, Behavior, and Immunity, 2013, 29, 82-97.	4.1	24
147	Inflammatory Cytokines and Neurological and Neurocognitive Alterations in the Course of Schizophrenia. Biological Psychiatry, 2013, 73, 951-966.	1.3	165
148	Inflammation and Schizophrenia. Schizophrenia Bulletin, 2013, 39, 1174-1179.	4.3	266
149	Low level methylmercury enhances CNTF-evoked STAT3 signaling and glial differentiation in cultured cortical progenitor cells. NeuroToxicology, 2013, 38, 91-100.	3.0	24
150	Mitochondria and Autism Spectrum Disorders. , 2013, , 179-193.		4
151	An epigenetic framework for neurodevelopmental disorders: From pathogenesis to potential therapy. Neuropharmacology, 2013, 68, 2-82.	4.1	190

#	Article	IF	Citations
152	The Question of Pro-Inflammatory Immune Activity in Schizophrenia and the Potential Importance of Anti-Inflammatory Drugs. Modern Problems of Pharmacopsychiatry, 2013, 28, 100-116.	2.5	4
153	Future perspectives on the treatment of cognitive deficits and negative symptoms in schizophrenia. World Psychiatry, 2013, 12, 99-107.	10.4	22
154	Variation in the major histocompatibility complex [MHC] gene family in schizophrenia: Associations and functional implications. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2013, 42, 49-62.	4.8	52
155	Spatial clusters of autism births and diagnoses point to contextual drivers ofÂincreased prevalence. Social Science and Medicine, 2013, 95, 87-96.	3.8	50
156	Frank A. Beach Award: Programming of neuroendocrine function by early-life experience: A critical role for the immune system. Hormones and Behavior, 2013, 63, 684-691.	2.1	45
157	Autism and EMF? Plausibility of a pathophysiological link part II. Pathophysiology, 2013, 20, 211-234.	2.2	22
158	From Genes to Environment: Using Integrative Genomics to Build a "Systems‣evel―Understanding of Autism Spectrum Disorders. Child Development, 2013, 84, 89-103.	3.0	39
159	Stress in Puberty Unmasks Latent Neuropathological Consequences of Prenatal Immune Activation in Mice. Science, 2013, 339, 1095-1099.	12.6	404
160	Myeloid dendritic cells frequencies are increased in children with autism spectrum disorder and associated with amygdala volume and repetitive behaviors. Brain, Behavior, and Immunity, 2013, 31, 69-75.	4.1	63
161	Prenatal inflammation and neurodevelopment in schizophrenia: A review of human studies. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2013, 42, 92-100.	4.8	101
162	Social Isolation Exacerbates Schizophrenia-Like Phenotypes via Oxidative Stress in Cortical Interneurons. Biological Psychiatry, 2013, 73, 1024-1034.	1.3	112
163	Maternal Immune Activation during Gestation Interacts with <i>Disc1</i> Point Mutation to Exacerbate Schizophrenia-Related Behaviors in Mice. Journal of Neuroscience, 2013, 33, 7654-7666.	3.6	129
164	Developmental neuroinflammation and schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2013, 42, 20-34.	4.8	258
165	Neurodevelopment and inflammatory patterns in schizophrenia in relation to pathophysiology. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2013, 42, 63-70.	4.8	63
166	Deficiency of Schnurri-2, an MHC Enhancer Binding Protein, Induces Mild Chronic Inflammation in the Brain and Confers Molecular, Neuronal, and Behavioral Phenotypes Related to Schizophrenia. Neuropsychopharmacology, 2013, 38, 1409-1425.	5.4	143
167	Maternal immune activation promotes hippocampal kindling epileptogenesis in mice. Annals of Neurology, 2013, 74, 11-19.	5.3	79
168	"Clinical judgment―and the DSMâ€5 diagnosis of major depression. World Psychiatry, 2013, 12, 89-91.	10.4	44
169	Evidence for a Dysregulated Immune System in the Etiology of Psychiatric Disorders. Journal of NeuroImmune Pharmacology, 2013, 8, 900-920.	4.1	167

#	Article	IF	Citations
170	Gestational Exposure to a Viral Mimetic Poly(I:C) Results in Long-Lasting Changes in Mitochondrial Function by Leucocytes in the Adult Offspring. Mediators of Inflammation, 2013, 2013, 1-8.	3.0	34
171	Association Between Parental Hospital-Treated Infection and the Risk of Schizophrenia in Adolescence and Early Adulthood. Schizophrenia Bulletin, 2013, 39, 230-237.	4.3	63
172	Double-Blind, Placebo-Controlled Trial of Risperidone Plus Amantadine in Children With Autism. Clinical Neuropharmacology, 2013, 36, 179-184.	0.7	44
173	MHC class I immune proteins are critical for hippocampus-dependent memory and gate NMDAR-dependent hippocampal long-term depression. Learning and Memory, 2013, 20, 505-517.	1.3	40
174	Origin and differentiation of microglia. Frontiers in Cellular Neuroscience, 2013, 7, 45.	3.7	667
175	Role of NAD <sup>+</sup> , Oxidative Stress, and Tryptophan Metabolism in Autism Spectrum Disorders. International Journal of Tryptophan Research, 2013, 6s1, IJTR.S11355.	2.3	25
176	Achenbach System of Empirically Based Assessment. , 2013, , 31-39.		34
177	Maternal immune activation and strain specific interactions in the development of autism-like behaviors in mice. Translational Psychiatry, 2013, 3, e240-e240.	4.8	180
178	Decreased Breastfeeding as One Factor on a Short List That Causes Pandemics of Allergic and Autoimmune Disease. Clinical Lactation, 2013, 4, 123-130.	0.3	0
180	Maternal Endotoxin Exposure Results in Abnormal Neuronal Architecture in the Newborn Rabbit. Developmental Neuroscience, 2013, 35, 396-405.	2.0	33
181	Pro-Inflammatory Phenotype Induced by Maternal Immune Stimulation During Pregnancy. , 2013, , .		2
182	The Neuroimmunology of Schizophrenia. Clinical Psychopharmacology and Neuroscience, 2013, 11, 107-117.	2.0	58
183	Environmental Factors in Autism. Frontiers in Psychiatry, 2012, 3, 118.	2.6	168
184	Aberrant neural synchrony in the maternal immune activation model: using translatable measures to explore targeted interventions. Frontiers in Behavioral Neuroscience, 2013, 7, 217.	2.0	31
185	Converging Pathways in Autism Spectrum Disorders: Interplay between Synaptic Dysfunction and Immune Responses. Frontiers in Human Neuroscience, 2013, 7, 738.	2.0	58
186	Perinatal complications and schizophrenia: involvement of the immune system. Frontiers in Neuroscience, 2013, 7, 110.	2.8	27
187	The influence of maternal prenatal and early childhood nutrition and maternal prenatal stress on offspring immune system development and neurodevelopmental disorders. Frontiers in Neuroscience, 2013, 7, 120.	2.8	162
188	Autism spectrum disorder in children born preterm—role of exposure to perinatal inflammation. Frontiers in Neuroscience, 2013, 7, 123.	2.8	42

		CITATION RE	EPORT	
#	Article		IF	Citations
189	Cytokines and the neurodevelopmental basis of mental illness. Frontiers in Neuroscienc	e, 2013, 7, 180.	2.8	99
190	Is autism a disease of the cerebellum? An integration of clinical and pre-clinical research Systems Neuroscience, 2013, 7, 15.	. Frontiers in	2.5	104
191	Immature Dentate Gyrus: An Endophenotype of Neuropsychiatric Disorders. Neural Plas 2013, 1-24.	ticity, 2013,	2.2	101
192	Metabolic consequences of interleukin-6 challenge in developing neurons and astroglia. Neuroinflammation, 2014, 11, 183.	Journal of	7.2	28
193	Prenatal maternal immune disruption and sex-dependent risk for psychoses. Psychologi 2014, 44, 3249-3261.	cal Medicine,	4.5	59
194	The Perfect Storm: Preterm Birth, Neurodevelopmental Mechanisms, and Autism Causar Perspectives in Biology and Medicine, 2014, 57, 470-481.	tion.	0.5	11
195	Elevated Maternal C-Reactive Protein and Increased Risk of Schizophrenia in a National American Journal of Psychiatry, 2014, 171, 960-968.	Birth Cohort.	7.2	161
196	PreImplantation factor (PIF*) promotes embryotrophic and neuroprotective decidual ge negated by epidermal growth factor. Journal of Neurodevelopmental Disorders, 2014, 6	nes: effect , 36.	3.1	18
197	Tsc2Haploinsufficiency Has Limited Effects on Fetal Brain Cytokine Levels during Gestat Activation. Autism Research & Treatment, 2014, 2014, 1-7.	ional Immune	0.5	3
198	Transcriptomic evidence for immaturity of the prefrontal cortex in patients with schizop Molecular Brain, 2014, 7, 41.	hrenia.	2.6	39
199	Pax6-Dependent Cortical Glutamatergic Neuronal Differentiation Regulates Autism-Like Prenatally Valproic Acid-Exposed Rat Offspring. Molecular Neurobiology, 2014, 49, 512-	Behavior in 528.	4.0	111
200	Low maternal progesterone may contribute to both obstetrical complications and autis Hypotheses, 2014, 82, 313-318.	m. Medical	1.5	22
201	Cerebral blood flow velocity in asymptomatic premature neonates exposed to clinical chorioamnionitis. Clinical Epidemiology and Global Health, 2014, 2, 61-65.		1.9	0
202	Immune System Disturbances in Schizophrenia. Biological Psychiatry, 2014, 75, 316-32	3.	1.3	163
203	Maternal immune activation leads to activated inflammatory macrophages in offspring. Behavior, and Immunity, 2014, 38, 220-226.	Brain,	4.1	89
204	Etiologies underlying sex differences in Autism Spectrum Disorders. Frontiers in Neuroendocrinology, 2014, 35, 255-271.		5.2	154
205	Neurodegenerative Diseases. , 2014, , .			3
206	Women's posttraumatic stress symptoms and autism spectrum disorder in their childre Autism Spectrum Disorders, 2014, 8, 608-616.	n. Research in	1.5	37

#	Article	IF	CITATIONS
207	Glutamatergic agents in Autism Spectrum Disorders: Current trends. Research in Autism Spectrum Disorders, 2014, 8, 255-265.	1.5	13
208	Activation of the Maternal Immune System During Pregnancy Alters Behavioral Development of Rhesus Monkey Offspring. Biological Psychiatry, 2014, 75, 332-341.	1.3	249
209	Prenatal maternal factors in the development of cognitive impairments in the offspring. Journal of Reproductive Immunology, 2014, 104-105, 20-25.	1.9	37
210	Sarm1, a neuronal inflammatory regulator, controls social interaction, associative memory and cognitive flexibility in mice. Brain, Behavior, and Immunity, 2014, 37, 142-151.	4.1	38
211	Oxytocin and Autism: A Systematic Review of Randomized Controlled Trials. Journal of Child and Adolescent Psychopharmacology, 2014, 24, 54-68.	1.3	91
212	Inflammatory cytokine network in schizophrenia. World Journal of Biological Psychiatry, 2014, 15, 174-187.	2.6	43
213	The Cytokine Model of Schizophrenia: Emerging Therapeutic Strategies. Biological Psychiatry, 2014, 75, 292-299.	1.3	113
214	Major Histocompatibility Complex I in Brain Development and Schizophrenia. Biological Psychiatry, 2014, 75, 262-268.	1.3	105
215	Review article: intestinal barrier dysfunction and central nervous system disorders - a controversial association. Alimentary Pharmacology and Therapeutics, 2014, 40, 1187-1201.	3.7	68
216	Macrophages: Biology and Role in the Pathology of Diseases. , 2014, , .		13
217	Effect of camel milk on thymus and activation-regulated chemokine in autistic children: double-blind study. Pediatric Research, 2014, 75, 559-563.	2.3	41
218	Genetics of Schizophrenia. Current Psychiatry Reports, 2014, 16, 502.	4.5	46
219	Environmental enrichment mitigates the sex-specific effects of gestational inflammation on social engagement and the hypothalamic pituitary adrenal axis-feedback system. Brain, Behavior, and Immunity, 2014, 42, 178-190.	4.1	58
220	Role of immunological factors in the pathophysiology and diagnosis of bipolar disorder: Comparison with schizophrenia. Psychiatry and Clinical Neurosciences, 2014, 68, 21-36.	1.8	80
221	Microglia Modulate Wiring of the Embryonic Forebrain. Cell Reports, 2014, 8, 1271-1279.	6.4	526
223	GC-MS based metabolomics identification of possible novel biomarkers for schizophrenia in peripheral blood mononuclear cells. Molecular BioSystems, 2014, 10, 2398-2406.	2.9	61
224	Autism Spectrum Disorders and Race, Ethnicity, and Nativity: A Population-Based Study. Pediatrics, 2014, 134, e63-e71.	2.1	131
225	Manganese-enhanced magnetic resonance imaging reveals increased DOI-induced brain activity in a mouse model of schizophrenia. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E2492-500.	7.1	53

ARTICLE IF CITATIONS # Sexually dimorphic responses to early adversity: Implications for affective problems and autism 226 2.7 121 spectrum disorder. Psychoneuroendocrinology, 2014, 49, 11-25. The different effects of LPS and poly I:C prenatal immune challenges on the behavior, development and inflammatory responses in pregnant mice and their offspring. Brain, Behavior, and Immunity, 2014, 38, 4.1 77-90. Maternal lifestyle and environmental risk factors for autism spectrum disorders. International 228 1.9 319 Journal of Epidemiology, 2014, 43, 443-464. Elevated maternal C-reactive protein and autism in a national birth cohort. Molecular Psychiatry, 278 2014, 19, 259-264. Asparaginase treatment side-effects may be due to genes with homopolymeric Asn codons 230 4.0 18 (Review-Hypothesis). International Journal of Molecular Medicine, 2015, 36, 607-626. Secondary association of PDLIM5 with paranoid schizophrenia in Emirati patients. Meta Gene, 2015, 5, 135-139. Modeling autism-relevant behavioral phenotypes in rats and mice. Behavioural Pharmacology, 2015, 26, 232 1.7 63 522-540. Infections and Brain Development. Obstetrical and Gynecological Survey, 2015, 70, 644-655. 0.4 109 234 Etiology of Autism the Complexity of Risk Factors in Autism Spectrum Disorder., 2015, , . 8 Exploring the Validity of Valproic Acid Animal Model of Autism. Experimental Neurobiology, 2015, 24, 1.6 165 285-300 Maternal immune activation evoked by polyinosinic:polycytidylic acid does not evoke microglial cell 236 3.7 55 activation in the embryo. Frontiers in Cellular Neuroscience, 2015, 9, 301. Inflammatory Cytokines: Potential Biomarkers of Immunologic Dysfunction in Autism Spectrum 3.0 145 Disorders. Mediators of Inflammation, 2015, 2015, 1-10. Serotonin mediated immunoregulation and neural functions: Complicity in the aetiology of autism 238 6.1 23 spectrum disorders. Neuroscience and Biobehavioral Reviews, 2015, 55, 413-431. Abnormal immune system development and function in schizophrenia helps reconcile diverse findings 2.2 and suggests new treatment and prevention strategies. Brain Research, 2015, 1617, 93-112. Epigenetic changes in the developing brain: Effects on behavior. Proceedings of the National Academy 240 7.1 52 of Sciences of the United States of America, 2015, 112, 6789-6795. The interaction between maternal immune activation and alpha 7 nicotinic acetylcholine receptor in 241 70 regulating behaviors in the offspring. Brain, Behavior, and Immunity, 2015, 46, 192-202. Improving emotional face perception in autism with diuretic bumetanide: A proof-of-concept 242 4.1 93 behavioral and functional brain imaging pilot study. Autism, 2015, 19, 149-157. Inflammation impairs social cognitive processing: A randomized controlled trial of endotoxin. Brain, 243 4.1 Behavior, and Immunity, 2015, 48, 132-138.

	CHAHON	REPORT	
#	Article	IF	CITATIONS
244	Adolescent olanzapine sensitization is correlated with hippocampal stem cell proliferation in a maternal immune activation rat model of schizophrenia. Brain Research, 2015, 1618, 122-135.	2.2	16
245	Magnesium sulfate prevents maternal inflammation–induced impairment of learning ability and memory in rat offspring. American Journal of Obstetrics and Gynecology, 2015, 213, 851.e1-851.e8.	1.3	30
247	Impaired synaptic development in a maternal immune activation mouse model of neurodevelopmental disorders. Brain, Behavior, and Immunity, 2015, 50, 249-258.	4.1	71
248	Tracing the trajectory of behavioral impairments and oxidative stress in an animal model of neonatal inflammation. Neuroscience, 2015, 298, 455-466.	2.3	38
249	Adaptive Immunity in Schizophrenia: Functional Implications of T Cells in the Etiology, Course and Treatment. Journal of NeuroImmune Pharmacology, 2015, 10, 610-619.	4.1	50
250	Immune mediators in the brain and peripheral tissues in autism spectrum disorder. Nature Reviews Neuroscience, 2015, 16, 469-486.	10.2	393
251	Microglia Function in Central Nervous System Development and Plasticity. Cold Spring Harbor Perspectives in Biology, 2015, 7, a020545.	5.5	264
252	LPA signaling initiates schizophrenia-like brain and behavioral changes in a mouse model of prenatal brain hemorrhage. Translational Psychiatry, 2015, 5, e541-e541.	4.8	40
253	Prenatal Infection. , 2015, , 67-87.		0
254	Cognitive Enhancement. Handbook of Experimental Pharmacology, 2015, , .	1.8	0
255	Neural Targets in the Study and Treatment of Social Cognition in Autism Spectrum Disorder. Handbook of Experimental Pharmacology, 2015, 228, 309-334.	1.8	1
256	H1N1 versus H5N1 hemagglutinins: A possible differential immunologic impact on neurodevelopment. Neurology Psychiatry and Brain Research, 2015, 21, 39-50.	2.0	0
257	Social rejection following neonatal inflammation is mediated by olfactory scent cues. Brain, Behavior, and Immunity, 2015, 49, 43-48.	4.1	13
258	Immunology and Psychiatry. Current Topics in Neurotoxicity, 2015, , .	0.4	3
259	Comorbidity of Physical and Mental Disorders in the Neurodevelopmental Genomics Cohort Study. Pediatrics, 2015, 135, e927-e938.	2.1	96
260	Preliminary evidence of neuropathology in nonhuman primates prenatally exposed to maternal immune activation. Brain, Behavior, and Immunity, 2015, 48, 139-146.	4.1	75
261	Genetic architecture, epigenetic influence and environment exposure in the pathogenesis of Autism. Science China Life Sciences, 2015, 58, 958-967.	4.9	24
262	Decoding Advances in Psychiatric Genetics. Advances in Genetics, 2015, 92, 75-106.	1.8	2

ARTICLE IF CITATIONS # Maternal Lipopolysaccharide Exposure Promotes Immunological Functional Changes in Adult 263 1.2 12 Offspring CD4<sup>+</sup>T Cells. American Journal of Reproductive Immunology, 2015, 73, 522-535. Genes, circuits, and precision therapies for autism and related neurodevelopmental disorders. 264 12.6 230 Science, 2015, 350, Exploring the Potential Role of Inflammation as an Etiological Process in ASD. Review Journal of 265 3.4 3 Autism and Developmental Disorders, 2015, 2, 273-286. Maternal Stress Combined with Terbutaline Leads to Comorbid Autistic-Like Behavior and Epilepsy in a 24 Rat Model. Journal of Neuroscience, 2015, 35, 15894-15902. Prolyl endopeptidase and dipeptidyl peptidase IV are associated with externalizing and aggressive 267 4.3 16 behaviors in normal and autistic adolescents. Life Sciences, 2015, 136, 157-162. Microglia function during brain development: New insights from animal models. Brain Research, 2015, 1617, 7-17. 2.2 179 An Autism Case History to Review the Systematic Analysis of Large-Scale Data to Refine the Diagnosis 269 1.3 22 and Treatment of Neuropsychiatric Disorders. Biological Psychiatry, 2015, 77, 59-65. Toward an immune-mediated subtype of autism spectrum disorder. Brain Research, 2015, 1617, 72-92. 2.2 270 84 271 Evidence supporting an altered immune response in ASD. Immunology Letters, 2015, 163, 49-55. 2.5 137 Cefdinir for Recent-Onset Pediatric Neuropsychiatric Disorders: A Pilot Randomized Trial. Journal of 1.3 Child and Adolescent Psychopharmacology, 2015, 25, 57-64. Maternal viral infection during pregnancy impairs development of fetal serotonergic neurons. Brain 273 1.1 35 and Development, 2015, 37, 88-93. 274 A Starring Role for Microglia in Brain Sex Differences. Neuroscientist, 2015, 21, 306-321. 3.5 Mechanisms of Non-Genetic Inheritance and Psychiatric Disorders. Neuropsychopharmacology, 2015, 275 5.4 52 40, 129-140. Neurodevelopment, GABA System Dysfunction, and Schizophrenia. Neuropsychopharmacology, 2015, 40, 5.4 172 190-206. Behavioral alterations in rat offspring following maternal immune activation and ELR-CXC chemokine 277 receptor antagonism during pregnancy: Implications for neurodevelopmental psychiatric disorders. 4.8 56 Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2015, 57, 155-165. Maternal stress, nutrition and physical activity: Impact on immune function, CNS development and 278 2.2 89 psychopathology. Brain Research, 2015, 1617, 28-46. Prenatal immune challenge in rats: Effects of polyinosinic–polycytidylic acid on spatial learning, 279 prepulse inhibition, conditioned fear, and responses to MK-801 and amphetamine. Neurotoxicology and 2.4 63 Teratology, 2015, 47, 54-65. Recent genetic findings in schizophrenia and their therapeutic relevance. Journal of Psychopharmacology, 2015, 29, 85-96.

#	Article	IF	CITATIONS
281	Dopaminergic activity and behaviour in SOCS2 transgenic mice: Revealing a potential drug target for schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2015, 56, 247-253.	4.8	1
282	Neonatal Levels of Inflammatory Markers and Later Risk of Schizophrenia. Biological Psychiatry, 2015, 77, 548-555.	1.3	19
283	Maternal Immune Activation in Nonhuman Primates Alters Social Attention in Juvenile Offspring. Biological Psychiatry, 2015, 77, 823-832.	1.3	115
284	Modeling the Maternal Immune Activation Risk Factor for Schizophrenia. Handbook of Behavioral Neuroscience, 2016, 23, 175-191.	0.7	1
285	Neuroinflammation in Autism: Plausible Role of Maternal Inflammation, Dietary Omega 3, and Microbiota. Neural Plasticity, 2016, 2016, 1-15.	2.2	88
286	Paternal HLA-C and Maternal Killer-Cell Immunoglobulin-Like Receptor Genotypes in the Development of Autism. Frontiers in Pediatrics, 2016, 4, 76.	1.9	3
287	Programming social behavior by the maternal fragile <scp>X</scp> protein. Genes, Brain and Behavior, 2016, 15, 578-587.	2.2	7
288	Cerebral radiofrequency exposures during adolescence: Impact on astrocytes and brain functions in healthy and pathologic rat models. Bioelectromagnetics, 2016, 37, 338-350.	1.6	16
289	Timing of Maternal Immunization Affects Immunological and Behavioral Outcomes of Adult Offspring in Siberian Hamsters ( Phodopus sungorus ). Journal of Experimental Zoology, 2016, 325, 377-389.	1.2	3
290	Metabolic consequences of inflammatory disruption of the blood-brain barrier in an organ-on-chip model of the human neurovascular unit. Journal of Neuroinflammation, 2016, 13, 306.	7.2	129
291	Widespread alterations in the synaptic proteome of the adolescent cerebral cortex following prenatal immune activation in rats. Brain, Behavior, and Immunity, 2016, 56, 289-309.	4.1	17
292	Flow cytometric characterization of microglia in the offspring of PolyI:C treated mice. Brain Research, 2016, 1636, 172-182.	2.2	27
293	Excitotoxicity as a Common Mechanism for Fetal Neuronal Injury with Hypoxia and Intrauterine Inflammation. Advances in Pharmacology, 2016, 76, 85-101.	2.0	52
294	Genetic and non-genetic animal models for autism spectrum disorders (ASD). Reproductive Toxicology, 2016, 64, 116-140.	2.9	81
295	A possible serologic biomarker for maternal immune activation-associated neurodevelopmental disorders found in the rat models. Neuroscience Research, 2016, 113, 63-70.	1.9	7
296	Prenatal Inflammation, Infections and Mental Disorders. Psychopathology, 2016, 49, 317-333.	1.5	43
297	Maternal immune activation: Implications for neuropsychiatric disorders. Science, 2016, 353, 772-777.	12.6	848
298	Experimental Models for Autism Spectrum Disorder Follow-Up for the Validity. Review Journal of Autism and Developmental Disorders, 2016, 3, 358-376.	3.4	0

#	Article	IF	CITATIONS
299	Autism phenotypes in ZnT3 null mice: Involvement of zinc dyshomeostasis, MMP-9 activation and BDNF upregulation. Scientific Reports, 2016, 6, 28548.	3.3	49
300	Intake of 7,8-Dihydroxyflavone During Juvenile and Adolescent Stages Prevents Onset of Psychosis in Adult Offspring After Maternal Immune Activation. Scientific Reports, 2016, 6, 36087.	3.3	43
302	Microglia contact induces synapse formation in developing somatosensory cortex. Nature Communications, 2016, 7, 12540.	12.8	495
304	The water maze paradigm in experimental studies of chronic cognitive disorders: Theory, protocols, analysis, and inference. Neuroscience and Biobehavioral Reviews, 2016, 68, 195-217.	6.1	33
305	Microglia development follows a stepwise program to regulate brain homeostasis. Science, 2016, 353, aad8670.	12.6	911
306	Maternal Inflammation Disrupts Fetal Neurodevelopment via Increased Placental Output of Serotonin to the Fetal Brain. Journal of Neuroscience, 2016, 36, 6041-6049.	3.6	198
307	Maternal immune activation alters glutamic acid decarboxylase-67 expression in the brains of adult rat offspring. Schizophrenia Research, 2016, 171, 195-199.	2.0	22
308	A pilot study on commonality and specificity of copy number variants in schizophrenia and bipolar disorder. Translational Psychiatry, 2016, 6, e824-e824.	4.8	35
309	Dietary glycemic index modulates the behavioral and biochemical abnormalities associated with autism spectrum disorder. Molecular Psychiatry, 2016, 21, 426-436.	7.9	30
310	The maternal interleukin-17a pathway in mice promotes autism-like phenotypes in offspring. Science, 2016, 351, 933-939.	12.6	844
311	2-Cyclopropylimino-3-methyl-1,3-thiazoline hydrochloride alters lipopolysaccharide-induced proinflammatory cytokines and neuronal morphology in mouse fetal brain. Neuropharmacology, 2016, 102, 32-41.	4.1	3
312	From molecules to neural morphology: understanding neuroinflammation in autism spectrum condition. Molecular Autism, 2016, 7, 9.	4.9	63
313	Maternal Immune Activation Disrupts Dopamine System in the Offspring. International Journal of Neuropsychopharmacology, 2016, 19, pyw007.	2.1	58
314	Maternal immune activation leads to selective functional deficits in offspring parvalbumin interneurons. Molecular Psychiatry, 2016, 21, 956-968.	7.9	167
315	A DNA topoisomerase VI–like complex initiates meiotic recombination. Science, 2016, 351, 939-943.	12.6	203
316	Altering the course of schizophrenia: progress and perspectives. Nature Reviews Drug Discovery, 2016, 15, 485-515.	46.4	410
317	The effects of maternal stress and illness during pregnancy on infant temperament: Project Ice Storm. Pediatric Research, 2016, 79, 107-113.	2.3	73
318	Studying longitudinal trajectories in animal models of psychiatric illness and their translation to the human condition. Neuroscience Research, 2016, 102, 67-77.	1.9	12

#	Article	IF	CITATIONS
319	Clinical studies of neuroinflammatory mechanisms in schizophrenia. Schizophrenia Research, 2016, 176, 14-22.	2.0	64
320	For whom the endocannabinoid tolls: Modulation of innate immune function and implications for psychiatric disorders. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2016, 64, 167-180.	4.8	23
321	Tumour necrosis factor-mediated homeostatic synaptic plasticity in behavioural models: testing a role in maternal immune activation. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160160.	4.0	19
322	Maternal Immune Activation Causes Behavioral Impairments and Altered Cerebellar Cytokine and Synaptic Protein Expression. Neuropsychopharmacology, 2017, 42, 1435-1446.	5.4	69
323	Sex-specific gene–environment interactions underlying ASD-like behaviors. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1383-1388.	7.1	99
324	Advances in understanding the pathophysiology of autism spectrum disorders. Behavioural Brain Research, 2017, 331, 92-101.	2.2	86
325	Effects of ω-3 fatty acids on stereotypical behavior and social interactions in Wistar rats prenatally exposed to lipopolysaccarides. Nutrition, 2017, 35, 119-127.	2.4	29
326	Immunopathology of the Nervous System. Molecular and Integrative Toxicology, 2017, , 123-219.	0.5	0
327	Maternal autoimmunity: risk of neurodevelopmental and neuropsychiatric outcomes. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, 713-714.	1.9	0
328	Long-term altered immune responses following fetal priming in a non-human primate model of maternal immune activation. Brain, Behavior, and Immunity, 2017, 63, 60-70.	4.1	97
329	Self-Organized Cerebral Organoids with Human-Specific Features Predict Effective Drugs to Combat Zika Virus Infection. Cell Reports, 2017, 21, 517-532.	6.4	305
330	Reversing behavioural abnormalities in mice exposed to maternal inflammation. Nature, 2017, 549, 482-487.	27.8	240
331	Maternal inflammation induces immune activation of fetal microglia and leads to disrupted microglia immune responses, behavior, and learning performance in adulthood. Neurobiology of Disease, 2017, 106, 291-300.	4.4	84
332	The role of Th17 cells in auto-inflammatory neurological disorders. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2017, 79, 408-416.	4.8	79
333	Maternal infection and stress during pregnancy and depressive symptoms in adolescent offspring. Psychiatry Research, 2017, 257, 102-110.	3.3	50
334	Activation of neonatal microglia can be influenced by other neural cells. Neuroscience Letters, 2017, 657, 32-37.	2.1	24
335	A pronounced uterine pro-inflammatory response at parturition is an ancient feature in mammals. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20171694.	2.6	32
336	Environment matters: microglia function and dysfunction in a changing world. Current Opinion in Neurobiology, 2017, 47, 146-155.	4.2	99

#	Article	IF	CITATIONS
337	Maternal Immune Activation and Autism Spectrum Disorder: From Rodents to Nonhuman and Human Primates. Biological Psychiatry, 2017, 81, 391-401.	1.3	266
338	Reduced expression of α5GABAA receptors elicits autism-like alterations in EEG patterns and sleep-wake behavior. Neurotoxicology and Teratology, 2017, 61, 115-122.	2.4	19
339	The Role of the Immune System in Autism Spectrum Disorder. Neuropsychopharmacology, 2017, 42, 284-298.	5.4	346
340	Does Infection During Pregnancy Outside of the Time of Delivery Increase the Risk of Cerebral Palsy?. American Journal of Perinatology, 2017, 34, 223-228.	1.4	4
341	Hidden Wounds? Inflammatory Links Between Childhood Trauma and Psychopathology. Annual Review of Psychology, 2017, 68, 517-544.	17.7	190
342	Autoimmunity, Autoantibodies, and Autism Spectrum Disorder. Biological Psychiatry, 2017, 81, 383-390.	1.3	114
343	Prenatal infection leads to ASD-like behavior and altered synaptic pruning in the mouse offspring. Brain, Behavior, and Immunity, 2017, 63, 88-98.	4.1	153
344	Relation of Psychiatric Symptoms with Epilepsy, Asthma, and Allergy in Youth with ASD vs. Psychiatry Referrals. Journal of Abnormal Child Psychology, 2017, 45, 1247-1257.	3.5	10
345	Psychoneuroimmunology of Early-Life Stress: The Hidden Wounds of Childhood Trauma?. Neuropsychopharmacology, 2017, 42, 99-114.	5.4	259
346	Maternal serum cytokine levels and risk of bipolar disorder. Brain, Behavior, and Immunity, 2017, 63, 108-114.	4.1	16
347	Remission of Psychosis in Treatment-Resistant Schizophrenia following Bone Marrow Transplantation: A Case Report. Frontiers in Psychiatry, 2017, 8, 174.	2.6	28
348	The Endocannabinoid System and Autism Spectrum Disorders: Insights from Animal Models. International Journal of Molecular Sciences, 2017, 18, 1916.	4.1	79
349	Parental and Early Developmental Stress Impact on Neurodevelopmental and Neuropsychiatric Disorders. , 2017, , 117-132.		0
350	Theranostic Biomarkers for Schizophrenia. International Journal of Molecular Sciences, 2017, 18, 733.	4.1	78
351	Maternal immune activation in rats produces temporal perception impairments in adult offspring analogous to those observed in schizophrenia. PLoS ONE, 2017, 12, e0187719.	2.5	17
352	Bridging Autism Spectrum Disorders and Schizophrenia through inflammation and biomarkers - pre-clinical and clinical investigations. Journal of Neuroinflammation, 2017, 14, 179.	7.2	92
353	Neuroinflammation and Neurotransmission Mechanisms Involved in Neuropsychiatric Disorders. , 2017, , .		4
354	Maternal Immune Activation During the Third Trimester Is Associated with Neonatal Functional Connectivity of the Salience Network and Fetal to Toddler Behavior. Journal of Neuroscience, 2018, 38, 2877-2886.	3.6	127

#	Article	IF	CITATIONS
355	Maternal and Early Postnatal Immune Activation Produce Dissociable Effects on Neurotransmission in mPFC–Amygdala Circuits. Journal of Neuroscience, 2018, 38, 3358-3372.	3.6	65
357	Neurodevelopmental and Neurodegenerative Alterations in the Pathophysiology of Schizophrenia: Focus on Neuro-Immuno-Inflammation. , 2018, , 337-348.		0
358	Maternal IL-6 during pregnancy can be estimated from newborn brain connectivity and predicts future working memory in offspring. Nature Neuroscience, 2018, 21, 765-772.	14.8	264
359	Interleukin-6 Regulates Adult Neural Stem Cell Numbers during Normal andÂAbnormal Post-natal Development. Stem Cell Reports, 2018, 10, 1464-1480.	4.8	61
360	Interneuron synaptopathy in developing rat cortex induced by the pro-inflammatory cytokine LIF. Experimental Neurology, 2018, 302, 169-180.	4.1	11
361	Alteration of adaptive behaviors of progeny after maternal mobile phone exposure. Environmental Science and Pollution Research, 2018, 25, 10894-10903.	5.3	5
362	Microglia, the missing link in maternal immune activation and fetal neurodevelopment; and a possible link in preeclampsia and disturbed neurodevelopment?. Journal of Reproductive Immunology, 2018, 126, 18-22.	1.9	47
363	Searching for the gut microbial contributing factors to social behavior in rodent models of autism spectrum disorder. Developmental Neurobiology, 2018, 78, 474-499.	3.0	45
364	Overview of Factors Influencing Brain Development. , 2018, , 51-79.		1
365	High expression of Endogenous Retroviruses from intrauterine life to adulthood in two mouse models of Autism Spectrum Disorders. Scientific Reports, 2018, 8, 629.	3.3	24
366	DNA Methylation and Psychiatric Disorders. Progress in Molecular Biology and Translational Science, 2018, 157, 175-232.	1.7	44
367	Alterations in plasma cytokine levels in chinese children with autism spectrum disorder. Autism Research, 2018, 11, 989-999.	3.8	42
368	Gestational vitamin D deficiency and autism-related traits: the Generation R Study. Molecular Psychiatry, 2018, 23, 240-246.	7.9	120
369	Effects of maternal immune activation on brain arginine metabolism of postnatal day 2 rat offspring. Schizophrenia Research, 2018, 192, 431-441.	2.0	10
370	Maternal Systemic Interleukin-6 During Pregnancy Is Associated With Newborn Amygdala Phenotypes and Subsequent Behavior at 2 Years of Age. Biological Psychiatry, 2018, 83, 109-119.	1.3	213
371	Sensorimotor gating deficits in "two-hit―models of schizophrenia risk factors. Schizophrenia Research, 2018, 198, 68-83.	2.0	34
372	A Randomized, Double-Blind, Placebo-Controlled Clinical Trial of Tocilizumab, An Interleukin-6 Receptor Antibody, For Residual Symptoms in Schizophrenia. Neuropsychopharmacology, 2018, 43, 1317-1323.	5.4	80
373	Parental Advisory: Maternal and Paternal Stress Can Impact Offspring Neurodevelopment. Biological Psychiatry, 2018, 83, 886-894.	1.3	146

#	Article	IF	CITATIONS
374	Upregulation of peripheral CXC and CC chemokine receptor expression on CD4 + T cells is associated with immune dysregulation in children with autism. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 81, 211-220.	4.8	24
375	Maternal immune activation leads to increased nNOS immunoreactivity in the brain of postnatal day 2 rat offspring. Synapse, 2018, 72, e22011.	1.2	6
376	Maternal immune activation in neurodevelopmental disorders. Developmental Dynamics, 2018, 247, 588-619.	1.8	107
377	Advances in nonhuman primate models of autism: Integrating neuroscience and behavior. Experimental Neurology, 2018, 299, 252-265.	4.1	56
379	Maternal immune activation, central nervous system development and behavioral phenotypes. Birth Defects Research, 2018, 110, 1539-1550.	1.5	65
380	A NewT. gondiiMouse Model of Gene-Environment Interaction Relevant to Psychiatric Disease. Scientifica, 2018, 2018, 1-7.	1.7	4
381	Microglia and Autism Spectrum Disorder: Overview of Current Evidence and Novel Immunomodulatory Treatment Options. Clinical Psychopharmacology and Neuroscience, 2018, 16, 246-252.	2.0	22
382	Neuroimmune and Inflammatory Signals in Complex Disorders of the Central Nervous System. NeuroImmunoModulation, 2018, 25, 246-270.	1.8	46
383	Prospective Analysis of the Effects of Maternal Immune Activation on Rat Cytokines during Pregnancy and Behavior of the Male Offspring Relevant to Schizophrenia. ENeuro, 2018, 5, ENEURO.0249-18.2018.	1.9	48
384	Dysregulation of the expression of HLA-DR, costimulatory molecule, and chemokine receptors on immune cells in children with autism. International Immunopharmacology, 2018, 65, 360-365.	3.8	9
385	Two to Tango: Dialog between Immunity and Stem Cells in Health and Disease. Cell, 2018, 175, 908-920.	28.9	170
386	Interferons and Proinflammatory Cytokines in Pregnancy and Fetal Development. Immunity, 2018, 49, 397-412.	14.3	336
387	The Netherlands Brain Bank for Psychiatry. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 150, 3-16.	1.8	16
388	More fish-happier mom, smarter child?. Brain, Behavior, and Immunity, 2018, 73, 157-158.	4.1	1
389	Microglia Gone Rogue: Impacts on Psychiatric Disorders across the Lifespan. Frontiers in Molecular Neuroscience, 2017, 10, 421.	2.9	151
390	Resveratrol Prevents Cellular and Behavioral Sensory Alterations in the Animal Model of Autism Induced by Valproic Acid. Frontiers in Synaptic Neuroscience, 2018, 10, 9.	2.5	41
391	Variability in PolyIC induced immune response: Implications for preclinical maternal immune activation models. Journal of Neuroimmunology, 2018, 323, 87-93.	2.3	46
392	The Impact of Systemic Inflammation on Neurodevelopment. Trends in Molecular Medicine, 2018, 24, 794-804.	6.7	198

#	Article	IF	Citations
393	Ascending Vaginal Infection Using Bioluminescent Bacteria Evokes Intrauterine Inflammation, Preterm Birth, and Neonatal Brain Injury in Pregnant Mice. American Journal of Pathology, 2018, 188, 2164-2176.	3.8	52
394	Association Between Polymorphisms of the Complement 3 Gene and Schizophrenia in a Han Chinese Population. Cellular Physiology and Biochemistry, 2018, 46, 2480-2486.	1.6	17
395	Autism Spectrum Disorder: Classification, diagnosis and therapy. , 2018, 190, 91-104.		296
396	Neonatal immune activation by lipopolysaccharide causes inadequate emotional responses to novel situations but no changes in anxiety or cognitive behavior in Wistar rats. Behavioural Brain Research, 2018, 349, 42-53.	2.2	8
397	Vinpocetine halts ketamine-induced schizophrenia-like deficits in rats: impact on BDNF and GSK-3β/β-catenin pathway. Naunyn-Schmiedeberg's Archives of Pharmacology, 2018, 391, 1327-1338.	3.0	25
398	Prenatal influenza vaccination rescues impairments of social behavior and lamination in a mouse model of autism. Journal of Neuroinflammation, 2018, 15, 228.	7.2	30
399	Prenatal inflammation and risk for schizophrenia: A role for immune proteins in neurodevelopment. Development and Psychopathology, 2018, 30, 1157-1178.	2.3	29
400	Dietary omega-3 deficiency exacerbates inflammation and reveals spatial memory deficits in mice exposed to lipopolysaccharide during gestation. Brain, Behavior, and Immunity, 2018, 73, 427-440.	4.1	63
401	Using autoencoders and text mining to characterize single cell populations in the hippocampus and cortex. , 2018, , .		0
402	Immunity and ultrasonic vocalization in rodents. Annals of the New York Academy of Sciences, 2019, 1437, 68-82.	3.8	18
403	The ASD Living Biology: from cell proliferation to clinical phenotype. Molecular Psychiatry, 2019, 24, 88-107.	7.9	210
404	Making Sense of … the Microbiome in Psychiatry. International Journal of Neuropsychopharmacology, 2019, 22, 37-52.	2.1	142
405	Sex differences in major depression and comorbidity of cardiometabolic disorders: impact of prenatal stress and immune exposures. Neuropsychopharmacology, 2019, 44, 59-70.	5.4	74
406	Sex differences in neuroimmunity as an inherent risk factor. Neuropsychopharmacology, 2019, 44, 38-44.	5.4	44
407	An Overview of Animal Models Related to Schizophrenia. Canadian Journal of Psychiatry, 2019, 64, 5-17.	1.9	138
408	Prenatal Environment That Affects Neuronal Migration. Frontiers in Cell and Developmental Biology, 2019, 7, 138.	3.7	21
409	Δ9-Tetrahydrocannabinol During Adolescence Attenuates Disruption of Dopamine Function Induced in Rats by Maternal Immune Activation. Frontiers in Behavioral Neuroscience, 2019, 13, 202.	2.0	22
410	The Role of Th17 Cells in Immunopathogenesis of Neuroinflammatory Disorders. , 2019, , 83-107.		3

	CHANGE		
#	Article	IF	CITATIONS
411	The fetal origins of mental illness. American Journal of Obstetrics and Gynecology, 2019, 221, 549-562.	1.3	190
412	Pregnancy exposure to carbon black nanoparticles exacerbates bleomycin-induced lung fibrosis in offspring via disrupting LKB1-AMPK-ULK1 axis-mediated autophagy. Toxicology, 2019, 425, 152244.	4.2	15
413	Plasma peroxiredoxin changes and inflammatory cytokines support the involvement of neuro-inflammation and oxidative stress in Autism Spectrum Disorder. Journal of Translational Medicine, 2019, 17, 332.	4.4	32
414	The tracking of lipopolysaccharide through the fetoâ€maternal compartment and the involvement of maternal TLR4 in inflammationâ€induced fetal brain injury. American Journal of Reproductive Immunology, 2019, 82, e13189.	1.2	26
415	The Microbiota-Gut-Brain Axis. Physiological Reviews, 2019, 99, 1877-2013.	28.8	2,304
416	Comorbidity Among Chronic Physical Health Conditions and Neurodevelopmental Disorders in Childhood. Current Developmental Disorders Reports, 2019, 6, 248-258.	2.1	11
417	Maternal exposure to volatile anesthetics induces IL-6 in fetal brains and affects neuronal development. European Journal of Pharmacology, 2019, 863, 172682.	3.5	15
418	Dentate Gyrus Immaturity in Schizophrenia. Neuroscientist, 2019, 25, 528-547.	3.5	15
419	Maternal serum metabolome and traffic-related air pollution exposure in pregnancy. Environment International, 2019, 130, 104872.	10.0	60
420	Independent Methylome-Wide Association Studies of Schizophrenia Detect Consistent Case–Control Differences. Schizophrenia Bulletin, 2020, 46, 319-327.	4.3	15
421	Placental programming of neuropsychiatric disease. Pediatric Research, 2019, 86, 157-164.	2.3	58
422	Role of Infection, Autoimmunity, Atopic Disorders, and the Immune System in Schizophrenia: Evidence from Epidemiological and Genetic Studies. Current Topics in Behavioral Neurosciences, 2019, 44, 141-159.	1.7	34
423	Key role of soluble epoxide hydrolase in the neurodevelopmental disorders of offspring after maternal immune activation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7083-7088.	7.1	37
424	Neuroimmunology of the female brain across the lifespan: Plasticity to psychopathology. Brain, Behavior, and Immunity, 2019, 79, 39-55.	4.1	29
425	Impaired Spatial Cognition in Adult Rats Treated with Multiple Intracerebroventricular (ICV) Infusions of the Enteric Bacterial Metabolite, Propionic Acid, and Return to Baseline After 1ÂWeek of No Treatment: Contribution to a Rodent Model of ASD. Neurotoxicity Research, 2019, 35, 823-837.	2.7	18
426	Prevention or Amelioration of Autism-Like Symptoms in Animal Models: Will it Bring Us Closer to Treating Human ASD?. International Journal of Molecular Sciences, 2019, 20, 1074.	4.1	36
427	The Contribution of Fluoride to the Pathogenesis of Eye Diseases: Molecular Mechanisms and Implications for Public Health. International Journal of Environmental Research and Public Health, 2019, 16, 856.	2.6	12
428	Parentâ€reported prevalence of food allergies in children with autism spectrum disorder: National health interview survey, 2011–2015. Autism Research, 2019, 12, 802-805.	3.8	19

#	Article	IF	CITATIONS
429	Immunity and mental illness: findings from a Danish population-based immunogenetic study of seven psychiatric and neurodevelopmental disorders. European Journal of Human Genetics, 2019, 27, 1445-1455.	2.8	38
430	Sex-dependent behavioral deficits and neuropathology in a maternal immune activation model of autism. Translational Psychiatry, 2019, 9, 124.	4.8	80
431	JNK signalling mediates aspects of maternal immune activation: importance of maternal genotype in relation to schizophrenia risk. Journal of Neuroinflammation, 2019, 16, 18.	7.2	26
432	Decreased serum complement component 4 levels in patients with schizophrenia. Psychiatric Genetics, 2019, 29, 127-129.	1.1	8
433	Evolution of a maternal immune activation (mIA) model in rats: Early developmental effects. Brain, Behavior, and Immunity, 2019, 75, 48-59.	4.1	66
434	Maternal immune activation: reporting guidelines to improve the rigor, reproducibility, and transparency of the model. Neuropsychopharmacology, 2019, 44, 245-258.	5.4	180
435	Brain changes in a maternal immune activation model of neurodevelopmental brain disorders. Progress in Neurobiology, 2019, 175, 1-19.	5.7	165
436	Molecular mechanisms underlying the models of neurodevelopmental disorders in maternal immune activation relevant to the placenta. Congenital Anomalies (discontinued), 2019, 59, 81-87.	0.6	14
437	Nerve cells developmental processes and the dynamic role of cytokine signaling. International Journal of Developmental Neuroscience, 2019, 77, 3-17.	1.6	7
438	Bridging the species gap in translational research for neurodevelopmental disorders. Neurobiology of Learning and Memory, 2019, 165, 106950.	1.9	13
439	The GABA Developmental Shift Is Abolished by Maternal Immune Activation Already at Birth. Cerebral Cortex, 2019, 29, 3982-3992.	2.9	29
440	Role of Macrophage Dopamine Receptors in Mediating Cytokine Production: Implications for Neuroinflammation in the Context of HIV-Associated Neurocognitive Disorders. Journal of NeuroImmune Pharmacology, 2019, 14, 134-156.	4.1	32
441	Perinatal Maternal Stress and Susceptibility to Infectious Diseases in Later Childhood: An Early Life Programming Perspective. Journal of Psychology: Interdisciplinary and Applied, 2019, 153, 67-88.	1.6	6
442	Parental Infections Before, During, and After Pregnancy as Risk Factors for Mental Disorders in Childhood and Adolescence: A Nationwide Danish Study. Biological Psychiatry, 2019, 85, 317-325.	1.3	63
443	Intellectual performance of kidney transplant recipients' offspring: a cross-sectional, multicenter study. Journal of Maternal-Fetal and Neonatal Medicine, 2019, 32, 542-549.	1.5	4
444	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
446	Sleep as a translationally-relevant endpoint in studies of autism spectrum disorder (ASD). Neuropsychopharmacology, 2020, 45, 90-103.	5.4	32
447	Prenatal exposure to environmental insults and enhanced risk of developing Schizophrenia and Autism Spectrum Disorder: focus on biological pathways and epigenetic mechanisms. Neuroscience and Biobehavioral Reviews, 2020, 117, 253-278.	6.1	88

ARTICLE IF CITATIONS Increased extracellular free-water in adult male rats following in utero exposure to maternal 4.1 28 448 immune activation. Brain, Behavior, and Immunity, 2020, 83, 283-287. Epigenetics and epilepsy prevention: The therapeutic potential of adenosine and metabolic therapies. Neuropharmacology, 2020, 167, 107741. 449 4.1 Environmental influences on placental programming and offspring outcomes following maternal 450 4.1 28 immune activation. Brain, Behavior, and Immunity, 2020, 83, 44-55. All roads lead to inflammation: Is maternal immune activation a common culprit behind environmental factors impacting offspring neural control of breathing?. Respiratory Physiology and Neurobiology, 2020, 274, 103361 Maternal Interleukin-6 Is Associated With Macaque Offspring Amygdala Development and Behavior. 452 2.9 17 Cerebral Cortex, 2020, 30, 1573-1585. Mens sana in corpore sano: Does the Glycemic Index Have a Role to Play?. Nutrients, 2020, 12, 2989. 4.1 Brain Structural and Functional Alterations in Mice Prenatally Exposed to LPS Are Only Partially 454 2.38 Rescued by Anti-Inflammatory Treatment. Brain Sciences, 2020, 10, 620. Age, but Not Sex, Modulates Foxp3 Expression in the Rat Brain across Development. Neuroscience, 2.3 2020, 442, 87-99. Neuroimmune Mechanisms and Sex/Gender-Dependent Effects in the Pathophysiology of Mental 456 2.5 15 Disorders. Journal of Pharmacology and Experimental Therapeutics, 2020, 375, 175-192. Cytokine changes associated with the maternal immune activation (MIA) model of autism: A penalized 2.5 regression approach. PLoS ONE, 2020, 15, e0231609. Maternal Programming of Social Dominance via Milk Cytokines. IScience, 2020, 23, 101357. 459 4.1 6 Understanding microglial diversity and implications for neuronal function in health and disease. 460 3.0 29 Developmental Neurobiology, 2021, 81, 507-523. Poly I:Câ€induced maternal immune challenge reduces perineuronal net area and raises spontaneous 461 network activity of hippocampal neurons in vitro. European Journal of Neuroscience, 2021, 53, 2.6 11 3920-3941. COVIDâ€19 in pregnancy: Placental and neonatal involvement. American Journal of Reproductive 1.2 Immunology, 2020, 84, é13306. Neurodevelopmental Disorders Induced by Maternal Immune Activation: Toward a Prevention Strategy 463 1.0 6 in the Era of the COVID-19 Pandemic. Psychiatry International, 2020, 1, 24-26. Immune Factor, TNFα, Disrupts Human Brain Organoid Development Similar to Schizophreniaâ€"Schizophrenia Increases Developmental Vulnerability to TNFα. Frontiers in Cellular 464 23 Neuroscience, 2020, 14, 233. Investigating associations between birth order and autism diagnostic phenotypes. Journal of Child 465 5.29 Psychology and Psychiatry and Allied Disciplines, 2021, 62, 961-970. Maternal host responses to poly(I:C) during pregnancy leads to both dysfunctional immune profiles and altered behaviour in the offspring. American Journal of Reproductive Immunology, 2020, 84, 1.2 e13260.

#	Article	IF	CITATIONS
467	Early magnetic resonance imaging biomarkers of schizophrenia spectrum disorders: Toward a fetal imaging perspective. Development and Psychopathology, 2020, 33, 1-15.	2.3	1
468	β-Catenin and TCFs/LEF signaling discordantly regulate IL-6 expression in astrocytes. Cell Communication and Signaling, 2020, 18, 93.	6.5	21
469	Early-life exposure to widespread environmental toxicants and maternal-fetal health risk: A focus on metabolomic biomarkers. Science of the Total Environment, 2020, 739, 139626.	8.0	23
470	Prenatal Risk Factors and Neurodevelopment. , 2020, , 608-620.		3
471	Post-pubertal Difference in Nigral Dopaminergic Cells Firing in the Schizophrenia Model Prepared by Perinatal Challenges of a Cytokine, EGF. Neuroscience, 2020, 441, 22-32.	2.3	5
472	Complement System in Brain Architecture and Neurodevelopmental Disorders. Frontiers in Neuroscience, 2020, 14, 23.	2.8	66
473	The Developing Brain as a Target for Experimental Treatments in Modeling Pathological Processes. Neuroscience and Behavioral Physiology, 2020, 50, 552-566.	0.4	0
474	Gastrointestinal alterations in autism spectrum disorder: What do we know?. Neuroscience and Biobehavioral Reviews, 2020, 118, 111-120.	6.1	34
475	Neurotrophins of the Fetal Brain and Placenta in Prenatal Hyperhomocysteinemia. Biochemistry (Moscow), 2020, 85, 213-223.	1.5	20
476	Maternal stressors and the developmental origins of neuropsychiatric risk. Frontiers in Neuroendocrinology, 2020, 57, 100834.	5.2	33
477	Serotonin in cortical development: implications for autism spectrum disorder. Handbook of Behavioral Neuroscience, 2020, 31, 901-922.	0.7	0
479	Neuroendocrine and immune markers of maternal stress during pregnancy and infant cognitive development. Developmental Psychobiology, 2020, 62, 1100-1110.	1.6	22
481	Translational opportunities in the prenatal immune environment: Promises and limitations of the maternal immune activation model. Neurobiology of Disease, 2020, 141, 104864.	4.4	34
482	Studies on Haloperidol and Adjunctive α-Mangostin or Raw Garcinia mangostana Linn Pericarp on Bio-Behavioral Markers in an Immune-Inflammatory Model of Schizophrenia in Male Rats. Frontiers in Psychiatry, 2020, 11, 121.	2.6	9
483	Baseline immunoreactivity before pregnancy and poly(I:C) dose combine to dictate susceptibility and resilience of offspring to maternal immune activation. Brain, Behavior, and Immunity, 2020, 88, 619-630.	4.1	36
484	Influenza as a Measure of Maternal Immune Activation and Its Effects on the Incidence of Encephalocele and Microtia. Face, 2021, 2, 13-22.	0.2	2
485	Healing autism spectrum disorder with cannabinoids: a neuroinflammatory story. Neuroscience and Biobehavioral Reviews, 2021, 121, 128-143.	6.1	14
486	Alterations in Retrotransposition, Synaptic Connectivity, and Myelination Implicated by Transcriptomic Changes Following Maternal Immune Activation in Nonhuman Primates. Biological Psychiatry, 2021, 89, 896-910.	1.3	21

#	Article	IF	CITATIONS
487	Repeated Behavioral Patterns in Animal Models of Autism. Autism and Child Psychopathology Series, 2021, , 47-59.	0.2	0
488	The Microbiome-Gut-Brain Axis: A New Window to View the Impact of Prenatal Stress on Early Neurodevelopment. , 2021, , 165-191.		1
489	Innate immunity at the crossroads of healthy brain maturation and neurodevelopmental disorders. Nature Reviews Immunology, 2021, 21, 454-468.	22.7	127
491	Identifying a biological signature of prenatal maternal stress. JCI Insight, 2021, 6, .	5.0	15
492	SARS-CoV-2 Infection in Pregnant Women: Neuroimmune-Endocrine Changes at the Maternal-Fetal Interface. NeuroImmunoModulation, 2021, 28, 1-21.	1.8	17
493	Inherited L1 Retrotransposon Insertions Associated With Risk for Schizophrenia and Bipolar Disorder. Schizophrenia Bulletin Open, 2021, 2, sgab031.	1.7	0
494	Evaluation of <i>IL1B</i> rs1143634 and <i>IL6</i> rs1800796 Polymorphisms with Autism Spectrum Disorder in the Turkish Children. Immunological Investigations, 2022, 51, 766-777.	2.0	2
495	Effects of the Prenatal Administration of Tetanus Toxoid on the Sociability and Explorative Behaviors of Rat Offspring: A Preliminary Study. Clinical Psychopharmacology and Neuroscience, 2021, 19, 84-92.	2.0	4
496	Sequential perturbations to mouse corticogenesis following in utero maternal immune activation. ELife, 2021, 10, .	6.0	17
497	Examining the non-spatial pretraining effect on a water maze spatial learning task in rats treated with multiple intracerebroventricular (ICV) infusions of propionic acid: Contributions to a rodent model of ASD. Behavioural Brain Research, 2021, 403, 113140.	2.2	3
498	Sex influences in the preventive effects of peripubertal supplementation with N-3 polyunsaturated fatty acids in mice exposed to the two-hit model of schizophrenia. European Journal of Pharmacology, 2021, 897, 173949.	3.5	7
500	Association of Maternal Immune Activation during Pregnancy and Neurologic Outcomes in Offspring. Journal of Pediatrics, 2021, 238, 87-93.e3.	1.8	11
501	Neurological consequences of neurovascular unit and brain vasculature damages: potential risks for pregnancy infections and COVIDâ€19â€babies. FEBS Journal, 2022, 289, 3374-3392.	4.7	6
502	An observational study investigating cytokine levels in the cerebrospinal fluid of patients with schizophrenia spectrum disorders. Schizophrenia Research, 2021, 231, 205-213.	2.0	11
504	Brain-immune interactions in neuropsychiatric disorders: Lessons from transcriptome studies for molecular targeting. Biochemical Pharmacology, 2021, 188, 114532.	4.4	12
505	Stereotypies in the Autism Spectrum Disorder: Can We Rely on an Ethological Model?. Brain Sciences, 2021, 11, 762.	2.3	10
506	An Examination of the Long-Term Neurodevelopmental Impact of Prenatal Zika Virus Infection in a Rat Model Using a High Resolution, Longitudinal MRI Approach. Viruses, 2021, 13, 1123.	3.3	4
507	The histamine H3R and dopamine D2R/D3R antagonist ST-713 ameliorates autism-like behavioral features in BTBR T+tf/J mice by multiple actions. Biomedicine and Pharmacotherapy, 2021, 138, 111517.	5.6	12

#	Δρτιςι ε	IF	CITATIONS
π	From the Clinic to the Laboratory, and Back Again: Investigations on Cannabinoids and		
508	Endocannabinoid System Modulators for Treating Schizophrenia. Frontiers in Psychiatry, 2021, 12, 682611.	2.6	7
509	Histamine, Neuroinflammation and Neurodevelopment: A Review. Frontiers in Neuroscience, 2021, 15, 680214.	2.8	32
510	Brain morphology is differentially impacted by peripheral cytokines in schizophrenia-spectrum disorder. Brain, Behavior, and Immunity, 2021, 95, 299-309.	4.1	15
511	Impaired discrimination of a subanesthetic dose of ketamine in a maternal immune activation model of schizophrenia risk. Journal of Psychopharmacology, 2021, 35, 1141-1151.	4.0	3
513	Maternal allergic inflammation in rats impacts the offspring perinatal neuroimmune milieu and the development of social play, locomotor behavior, and cognitive flexibility. Brain, Behavior, and Immunity, 2021, 95, 269-286.	4.1	20
514	Cytokines profile in neonatal and adult wild-type mice post-injection of U. S. pediatric vaccination schedule. Brain, Behavior, & Immunity - Health, 2021, 15, 100267.	2.5	0
515	Mechanisms governing activity-dependent synaptic pruning in the developing mammalian CNS. Nature Reviews Neuroscience, 2021, 22, 657-673.	10.2	149
516	No increased circular inference in adults with high levels of autistic traits or autism. PLoS Computational Biology, 2021, 17, e1009006.	3.2	6
517	A schizophrenia risk factor induces marked anatomical deficits at GABAergic â€dopaminergic synapses in the rat ventral tegmental area: Essential evidence for new targeted therapies. Journal of Comparative Neurology, 2021, 529, 3946-3973.	1.6	0
518	Postnatal immune activation causes social deficits in a mouse model of tuberous sclerosis: Role of microglia and clinical implications. Science Advances, 2021, 7, eabf2073.	10.3	12
519	Nâ€3 PUFA deficiency disrupts oligodendrocyte maturation and myelin integrity during brain development. Clia, 2022, 70, 50-70.	4.9	12
521	Interactions between the microbiota and enteric nervous system during gut-brain disorders. Neuropharmacology, 2021, 197, 108721.	4.1	27
522	Examining the impact of neuroimmune dysregulation on social behavior of male and female juvenile rats. Behavioural Brain Research, 2021, 415, 113449.	2.2	6
523	Lipopolysaccharide-induced maternal immune activation modulates microglial CX3CR1 protein expression and morphological phenotype in the hippocampus and dentate gyrus, resulting in cognitive inflexibility during late adolescence. Brain, Behavior, and Immunity, 2021, 97, 440-454.	4.1	10
524	Emerging evidence of Toll-like receptors as a putative pathway linking maternal inflammation and neurodevelopmental disorders in human offspring: A systematic review. Brain, Behavior, and Immunity, 2022, 99, 91-105.	4.1	11
525	Autism Spectrum Disorder from the Womb to Adulthood: Suggestions for a Paradigm Shift. Journal of Personalized Medicine, 2021, 11, 70.	2.5	40
528	Genome-Wide Expression Studies in Autism-Spectrum Disorders: Moving from Neurodevelopment to Neuroimmunology. Advances in Neurobiology, 2011, , 469-487.	1.8	2
529	Critical Age Windows for Neurodevelopmental Psychiatric Disorders: Evidence from Animal Models. , 2012, , 275-296.		2

#	ARTICLE	IF	CITATIONS
531	Neuropsychopathology of Autism Spectrum Disorder: Complex Interplay of Genetic, Epigenetic, and Environmental Factors. Advances in Neurobiology, 2020, 24, 97-141.	1.8	60
532	Rodent Models of Stress-Induced Depression: The Link Between Stress and Immune System Related Changes. Current Topics in Neurotoxicity, 2015, , 33-62.	0.4	3
533	The Role of Infections and Autoimmune Diseases for Schizophrenia and Depression: Findings from Large-Scale Epidemiological Studies. Current Topics in Neurotoxicity, 2015, , 107-135.	0.4	3
534	Induction of inducible nitric oxide synthase expression in activated microglia and astrocytes following pre- and postnatal immune challenge in an animal model of schizophrenia. European Neuropsychopharmacology, 2020, 35, 100-110.	0.7	18
535	Maternal Immune Activation in Mice Only Partially Recapitulates the Autism Spectrum Disorders Symptomatology. Neuroscience, 2020, 445, 109-119.	2.3	19
536	Challenges in researching the immune pathways between early life adversity and psychopathology. Development and Psychopathology, 2020, 32, 1597-1624.	2.3	20
537	Spared motivational modulation of cognitive effort in a maternal immune activation model of schizophrenia risk Behavioral Neuroscience, 2018, 132, 66-74.	1.2	13
538	Maternal immune activation in mice disrupts proteostasis in the fetal brain. Nature Neuroscience, 2021, 24, 204-213.	14.8	76
539	The Genetics of Schizophrenia. RSC Drug Discovery Series, 2015, , 1-27.	0.3	3
542	The brain-gut axis dysfunctions and hypersensitivity to food antigens in the etiopathogenesis of schizophrenia. Psychiatria Polska, 2016, 50, 747-760.	0.5	26
543	Effect of Maternal Lipopolysaccharide Administration on the Development of Dopaminergic Receptors and Transporter in the Rat Offspring. PLoS ONE, 2013, 8, e54439.	2.5	38
544	Maternal Use of Antibiotics and the Risk of Childhood Febrile Seizures: A Danish Population-Based Cohort. PLoS ONE, 2013, 8, e61148.	2.5	8
545	Gender-Dependent Effects of Maternal Immune Activation on the Behavior of Mouse Offspring. PLoS ONE, 2014, 9, e104433.	2.5	100
546	ZNF804A Transcriptional Networks in Differentiating Neurons Derived from Induced Pluripotent Stem Cells of Human Origin. PLoS ONE, 2015, 10, e0124597.	2.5	32
547	Loss of Metabotropic Glutamate Receptor 5 Function on Peripheral Benzodiazepine Receptor in Mice Prenatally Exposed to LPS. PLoS ONE, 2015, 10, e0142093.	2.5	7
548	α7 Nicotinic acetylcholine receptor-mediated anti-inflammatory actions modulate brain functions. Neurotransmitter (Houston, Tex ), 0, , .	1.2	1
549	Inflammation and Mitochondrial Dysfunction in Autism Spectrum Disorder. CNS and Neurological Disorders - Drug Targets, 2020, 19, 320-333.	1.4	35
550	An Overview of Genetic and Environmental Risk of Autism Spectrum Disorder. Global Clinical and Translational Research, 2019, , 37-44.	0.3	5

#	Article	IF	CITATIONS
551	Altered Gut Microbiome in Autism Spectrum Disorder: Potential Mechanism and Implications for Clinical Intervention. Global Clinical and Translational Research, 2019, , 45-52.	0.3	6
552	Clinical and Neurobiological Relevance of Current Animal Models of Autism Spectrum Disorders. Biomolecules and Therapeutics, 2016, 24, 207-243.	2.4	31
553	Neuroprotection and recovery from early-life adversity: considerations for environmental enrichment. Neural Regeneration Research, 2015, 10, 1545.	3.0	14
554	Anti-inflammatory Strategies for Schizophrenia: A Review of Evidence for Therapeutic Applications and Drug Repurposing. Clinical Psychopharmacology and Neuroscience, 2020, 18, 10-24.	2.0	49
555	SARS-CoV-2-associated cytokine storm during pregnancy as a possible risk factor for neuropsychiatric disorder development in post-pandemic infants. Neuropharmacology, 2021, 201, 108841.	4.1	18
556	Current knowledge, challenges, new perspectives of the study, and treatments of Autism Spectrum Disorder. Reproductive Toxicology, 2021, 106, 82-93.	2.9	6
559	12. Animal Models of Prenatal Protein Malnutrition Relevant for Schizophrenia. , 2011, , .		0
560	Critical Age Windows for Neurodevelopmental Psychiatric Disorders: Evidence from Animal Models. , 2013, , 327-348.		0
561	Microglial Ontogeny and Functions in Shaping Brain Circuits. , 2014, , 183-215.		0
562	Neurodevelopment Alterations, Neurodegeneration, and Immunoinflammatory Patterns in the Pathophysiology of Schizophrenia. , 2014, , 215-225.		0
564	Epigenetica e psiconeuroimmunoendocrinologia: una rivoluzione che integra psicologia e medicina. Psicoterapia E Scienze Umane, 2014, 48, 597-620.	0.2	1
565	Immunology of Autism. , 2015, , 93-115.		0
568	Severe Psychopathology. Autism and Child Psychopathology Series, 2016, , 301-314.	0.2	0
569	The Human Microbiome and I-Cubed: A Modern Medical Paradigm. World Journal of Neuroscience, 2016, 06, 260-286.	0.1	1
571	Neurosviluppo e vaccini: dall'epigenetica alla clinica. Pnei Review, 2018, , 76-91.	0.1	0
572	An Overview on Genetic and Environmental Risk of Autism Spectrum Disorder. , 2019, , .		1
573	Altered Gut Microbiome in Autism Spectrum Disorder: Potential Mechanism and Implications for Clinical Intervention. , 2019, , .		2
576	Astroglia in Autism Spectrum Disorder. International Journal of Molecular Sciences, 2021, 22, 11544.	4.1	15

#	Article	IF	Citations
577	A Weighted Gene Co-expression Network Analysis Reveals IncRNA Abnormalities in the Peripheral Blood Associated With Ultra-High-Risk for Psychosis, Frontiers in Psychiatry, 2020, 11, 580307	2.6	3
578	Microchimerism may be the cause of psychiatric disorders. , 2019, 3, 042-046.		0
579	Developmental Programming During Psychological Stress in Pregnancy: A Neurobiological Perspective. Agents and Actions Supplements, 2020, , 11-32.	0.2	0
580	Maternal Immune Activation and Neuropsychiatric Disorders: The Intricate Puzzle of Autism Spectrum Disorder. Agents and Actions Supplements, 2020, , 167-205.	0.2	1
581	Maternal Immune Activation as a Risk Factor for Schizophrenia: Evidence From Preclinical and Clinical Studies. Agents and Actions Supplements, 2020, , 129-154.	0.2	2
583	Associations Between Maternal Prenatal C-Reactive Protein and Risk Factors for Psychosis in Adolescent Offspring: Findings From the Northern Finland Birth Cohort 1986. Schizophrenia Bulletin, 2021, 47, 766-775.	4.3	8
584	Reelin-mediated Signaling during Normal and Pathological Forms of Aging. , 2010, 1, 12-29.		15
586	Homozygous Deletion of Glutathione Peroxidase 1 and Aldehyde Dehydrogenase 1a1 Genes Is Not Associated with Schizophrenia-Like Behavior in Mice. Journal of Biochemical and Pharmacological Research, 2013, 1, 228-235.	1.7	3
587	Early Life Stress Alters Adult Inflammatory Responses in a Mouse Model for Depression. Annals of Psychiatry and Mental Health, 2017, 5, .	3.5	4
588	Systemic Inflammation and Astrocyte Reactivity in the Neuropsychiatric Sequelae of COVID-19: Focus on Autism Spectrum Disorders. Frontiers in Cellular Neuroscience, 2021, 15, 748136.	3.7	7
589	IL-6 boosts synaptogenesis STAT!. Immunity, 2021, 54, 2444-2446.	14.3	2
590	Schizophrenia is defined by cell-specific neuropathology and multiple neurodevelopmental mechanisms in patient-derived cerebral organoids. Molecular Psychiatry, 2022, 27, 1416-1434.	7.9	57
592	Neuropsychiatric disorders: An immunological perspective. Advances in Immunology, 2021, 152, 83-155.	2.2	10
593	Nutritional Impact on Metabolic Homeostasis and Brain Health. Frontiers in Neuroscience, 2021, 15, 767405.	2.8	14
594	Association of Birth During the COVID-19 Pandemic With Neurodevelopmental Status at 6 Months in Infants With and Without In Utero Exposure to Maternal SARS-CoV-2 Infection. JAMA Pediatrics, 2022, 176, e215563.	6.2	135
595	Multi-Drug Resistant Pathogenic Bacteria Caused Intrauterine Infection in Albino Rat Mediated Preterm Labour. International Journal of Pharmacology, 2022, 18, 307-314.	0.3	0
596	Maternal inflammation and its ramifications on fetal neurodevelopment. Trends in Immunology, 2022, 43, 230-244.	6.8	33
597	Dynamic and Systemic Perspective in Autism Spectrum Disorders: A Change of Gaze in Research Opens to A New Landscape of Needs and Solutions. Brain Sciences, 2022, 12, 250.	2.3	2

#	Article	IF	CITATIONS
598	Abnormal oligodendrocyte function in schizophrenia explains the long latent interval in some patients. Translational Psychiatry, 2022, 12, 120.	4.8	10
599	Imaging extra-striatal dopamine D2 receptors in a maternal immune activation rat model. Brain, Behavior, & Immunity - Health, 2022, 22, 100446.	2.5	1
600	COVID-19 in pregnancy: implications for fetal brain development. Trends in Molecular Medicine, 2022, 28, 319-330.	6.7	70
601	Immune Activation in Pregnant Rats Affects Brain Glucose Consumption, Anxiety-like Behaviour and Recognition Memory in their Male Offspring. Molecular Imaging and Biology, 2022, 24, 740-749.	2.6	3
602	Prenatal disruption of blood–brain barrier formation via cyclooxygenase activation leads to lifelong brain inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2113310119.	7.1	15
603	Covid-19 pandemic: What is the truth?. , 2021, 12, 591.		3
614	New concepts in the development of schizophrenia, autism spectrum disorders, and degenerative brain diseases based on chronic inflammation: A working hypothesis from continued advances in neuroscience research. Surgical Neurology International, 2021, 12, 556.	0.2	4
616	Structural and Functional Deviations of the Hippocampus in Schizophrenia and Schizophrenia Animal Models. International Journal of Molecular Sciences, 2022, 23, 5482.	4.1	18
617	Neurodevelopmental outcomes of infants born to mothers with SARS-CoV-2 infections during pregnancy: a national prospective study in Kuwait. BMC Pediatrics, 2022, 22, .	1.7	31
618	Occupational Safety of Pregnant Health Care Workers at the time of COVID-19. Current Women's Health Reviews, 2023, 19, .	0.2	0
619	Obesity and the Brain. International Journal of Molecular Sciences, 2022, 23, 6145.	4.1	8
620	Enhanced Expression of Human Endogenous Retroviruses, TRIM28 and SETDB1 in Autism Spectrum Disorder. International Journal of Molecular Sciences, 2022, 23, 5964.	4.1	6
621	Immune Privilege Revisited: The Roles of Neuronal MHC Class I Molecules in Brain Development and Plasticity. , 0, , .		0
622	Influences of the Immune System and Microbiome on the Etiology of ASD and GI Symptomology of Autistic Individuals. Current Topics in Behavioral Neurosciences, 2022, , 141-161.	1.7	2
623	Mid-pregnancy poly(I:C) viral mimic disrupts placental ABC transporter expression and leads to long-term offspring motor and cognitive dysfunction. Scientific Reports, 2022, 12, .	3.3	7
624	Schizophrenia and Inflammation Research: A Bibliometric Analysis. Frontiers in Immunology, 0, 13, .	4.8	51
625	Where Sex Meets Gender: How Sex and Gender Come Together to Cause Sex Differences in Mental Illness. Frontiers in Psychiatry, 0, 13, .	2.6	10
626	Maternal Dietary Patterns during Pregnancy and Child Autism-Related Traits: Results from Two US Cohorts. Nutrients, 2022, 14, 2729.	4.1	5

#	Article	IF	Citations
627	Cytokine seeâ€ <b>s</b> aw across pregnancy, its related complexities and consequences. International Journal of Gynecology and Obstetrics, 2023, 160, 516-525.	2.3	10
628	Neuro-immune interactions at single-cell resolution in neurodevelopmental, infectious, and neurodegenerative diseases. Animal Cells and Systems, 2022, 26, 137-147.	2.2	5
629	Maternal immune activation in rats induces dysfunction of placental leucine transport and alters fetal brain growth. Clinical Science, 2022, 136, 1117-1137.	4.3	9
630	A Wholistic View of How Bumetanide Attenuates Autism Spectrum Disorders. Cells, 2022, 11, 2419.	4.1	9
631	Linking Inflammation, Aberrant Glutamate-Dopamine Interaction, and Post-synaptic Changes: Translational Relevance for Schizophrenia and Antipsychotic Treatment: a Systematic Review. Molecular Neurobiology, 2022, 59, 6460-6501.	4.0	23
632	Generating a Reproducible Model of Mid-Gestational Maternal Immune Activation using Poly(I:C) to Study Susceptibility and Resilience in Offspring. Journal of Visualized Experiments, 2022, , .	0.3	1
633	Preweaning environmental enrichment alters neonatal ultrasonic vocalisations in a rat model for prenatal infections. Behavioural Pharmacology, 2022, 33, 402-417.	1.7	0
634	What is known about neuroplacentology in fetal growth restriction and in preterm infants: A narrative review of literature. Frontiers in Endocrinology, 0, 13, .	3.5	7
635	Could neutrophil extracellular traps drive the development of autism?. Medical Hypotheses, 2022, 167, 110929.	1.5	0
636	Prefrontal circuits guiding social preference: Implications in autism spectrum disorder. Neuroscience and Biobehavioral Reviews, 2022, 141, 104803.	6.1	8
637	Association of complement component 4 with neuroimmune abnormalities in the subventricular zone in schizophrenia and autism spectrum disorders. Neurobiology of Disease, 2022, 173, 105840.	4.4	8
638	Intra-amniotic inflammation in the mid-trimester of pregnancy is a risk factor for neuropsychological disorders in childhood. Journal of Perinatal Medicine, 2023, 51, 363-378.	1.4	3
640	Astrocytes regulate neuronal network activity by mediating synapse remodeling. Neuroscience Research, 2023, 187, 3-13.	1.9	3
641	Multisystem Inflammatory Syndrome-Neonate: Biochemical Parameters as Early Marker of Adverse Neurodevelopmental Outcome. Open Journal of Pediatrics, 2022, 12, 767-782.	0.1	1
642	Baby Fever. Intelligent Systems Reference Library, 2023, , 1-61.	1.2	0
643	Genetic and environmental mouse models of autism reproduce the spectrum of the disease. Journal of Neural Transmission, 2023, 130, 425-432.	2.8	4
644	Infections During Pregnancy and Risks for Adult Psychosis: Findings from the New England Family Study. Current Topics in Behavioral Neurosciences, 2022, , .	1.7	0
645	SSRI treatment modifies the effects of maternal inflammation on in utero physiology and offspring neurobiology. Brain, Behavior, and Immunity, 2022, , .	4.1	4

#	Article	IF	CITATIONS
646	Serotonin-1A receptor, a psychiatric disease risk factor, influences offspring immunity via sex-dependent genetic nurture. IScience, 2022, 25, 105595.	4.1	2
647	Pregestational Exposure to T. gondii Produces Maternal Antibodies That Recognize Fetal Brain Mimotopes and Induces Neurochemical and Behavioral Dysfunction in the Offspring. Cells, 2022, 11, 3819.	4.1	0
648	COVID-19 and Pregnancy: Risks and Outcomes. Nursing for Women's Health, 2023, 27, 31-41.	0.8	3
649	Precision-cut rat placental slices as a model to study sex-dependent inflammatory response to LPS and Poly I:C. Frontiers in Immunology, 0, 13, .	4.8	2
650	A comprehensive approach to modeling maternal immune activation in rodents. Frontiers in Neuroscience, 0, 16, .	2.8	8
652	Maternal Immune Activation by Polyinosinic-Polycytidylic Acid Exposure Causes Cerebral Cortical Dysgenesis through Dysregulated Cell Cycle Kinetics of Neural Stem/Progenitor Cells. Developmental Neuroscience, 2023, 45, 115-125.	2.0	0
653	Schizophrenia as metabolic disease. What are the causes?. Metabolic Brain Disease, 0, , .	2.9	3
654	A prospective, longitudinal, case–control study to evaluate the neurodevelopment of children from birth to adolescence exposed to COVID-19 in utero. BMC Pediatrics, 2023, 23, .	1.7	1
655	Dual Role of the P2X7 Receptor in Dendritic Outgrowth during Physiological and Pathological Brain Development. Journal of Neuroscience, 2023, 43, 1125-1142.	3.6	4
656	Characterizing maternal isolationâ€induced ultrasonic vocalizations in a gene–environment interaction rat model for autism. Genes, Brain and Behavior, 2023, 22, .	2.2	2
657	The Outcomes of Maternal Immune Activation Induced with the Viral Mimetic Poly I:C on Microglia in Exposed Rodent Offspring. Developmental Neuroscience, 2023, 45, 191-209.	2.0	5
658	Early Life Stress, Neuroinflammation, and Psychiatric Illness of Adulthood. Advances in Experimental Medicine and Biology, 2023, , 105-134.	1.6	2
659	Research Progress on Hippocampal Neurogenesis in Schizophrenia. International Journal of Psychiatry and Neurology, 2023, 12, 1-15.	0.1	0
660	Maternal Immune Activation and Enriched Environments Impact B2 SINE Expression in Stress Sensitive Brain Regions of Rodent Offspring. Genes, 2023, 14, 858.	2.4	0
661	P2 receptor-mediated signaling in the physiological and pathological brain: From development to aging and disease. Neuropharmacology, 2023, 233, 109541.	4.1	4
662	Autism spectrum disorder research: knowledge mapping of progress and focus between 2011 and 2022. Frontiers in Psychiatry, 0, 14, .	2.6	3
663	Phytochemicals in the treatment of inflammation-associated diseases: the journey from preclinical trials to clinical practice. Frontiers in Pharmacology, 0, 14, .	3.5	6
664	Cytokines as emerging regulators of central nervous system synapses. Immunity, 2023, 56, 914-925.	14.3	21

#	Article	IF	CITATIONS
665	Neonatal immune challenge poses a sex-specific risk for epigenetic microglial reprogramming and behavioral impairment. Nature Communications, 2023, 14, .	12.8	5
666	Maternal immune activation and role of placenta in the prenatal programming of neurodevelopmental disorders. Neuronal Signaling, 2023, 7, .	3.2	4
667	Expression alteration of Neuroligin family gene in attention deficit and hyperactivity disorder and autism spectrum disorder. Research in Developmental Disabilities, 2023, 139, 104558.	2.2	0
668	Developmental Regression Followed by Epilepsy and Aggression: A New Syndrome in Autism Spectrum Disorder?. Journal of Personalized Medicine, 2023, 13, 1049.	2.5	1
671	Modeling psychotic disorders: Environment x environment interaction. Neuroscience and Biobehavioral Reviews, 2023, 152, 105310.	6.1	2
672	Inflammation, Dopaminergic Brain and Bilirubin. International Journal of Molecular Sciences, 2023, 24, 11478.	4.1	3
673	Examining Prenatal Dietary Factors in Association with Child Autism-Related Traits Using a Bayesian Mixture Approach: Results from 2 United States Cohorts. Current Developments in Nutrition, 2023, 7, 101978.	0.3	1
674	Extracellular free water elevations are associated with brain volume and maternal cytokine response in a longitudinal nonhuman primate maternal immune activation model. Molecular Psychiatry, 2023, 28, 4185-4194.	7.9	1
675	Counting the Toll of Inflammation on Schizophrenia—A Potential Role for Toll-like Receptors. Biomolecules, 2023, 13, 1188.	4.0	1
676	Characterizing the neuroimmune environment of offspring in a novel model of maternal allergic asthma and particulate matter exposure. Journal of Neuroinflammation, 2023, 20, .	7.2	1
677	"Comparative evaluation of different chemical agents induced Autism Spectrum Disorder in experimental Wistar rats― Behavioural Brain Research, 2024, 458, 114728.	2.2	0
678	The PPARα agonist fenofibrate reduces the cytokine imbalance in a maternal immune activation model of schizophrenia. European Journal of Pharmacology, 2023, 961, 176172.	3.5	0
680	Microglia at the Tripartite Synapse during Postnatal Development: Implications for Autism Spectrum Disorders and Schizophrenia. Cells, 2023, 12, 2827.	4.1	3
681	Long-term Impacts of Prenatal Maternal Immune Activation and Postnatal Maternal Separation on Maternal behavior in Adult Female Rats: Relevance to Postpartum Mental Disorders. Behavioural Brain Research, 2023, , 114831.	2.2	0
682	Early Post-Natal Immune Activation Leads to Object Memory Deficits in Female Tsc2+/â^' Mice: The Importance of Including Both Sexes in Neuroscience Research. Biomedicines, 2024, 12, 203.	3.2	0
683	Animal Models of ASD. , 2023, , 75-83.		0
684	Mast Cells in Autism Spectrum Disorder—The Enigma to Be Solved?. International Journal of Molecular Sciences, 2024, 25, 2651.	4.1	0
685	The chemokine XCL1 functions as a pregnancy hormone to program offspring innate anxiety. Brain, Behavior, and Immunity, 2024, 118, 178-189.	4.1	0

#	Article	IF	CITATIONS
686	Viral infections in pregnancy and impact on offspring neurodevelopment: mechanisms and lessons learned. Pediatric Research, 0, , .	2.3	0