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List of Publications by Year
in descending order

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129 papers	10,200 citations	41344 49 h-index	37204 96 g-index
142 all docs	142 docs citations	142 times ranked	13386 citing authors

#	Article	IF	Citations
1	Mapping brain structural differences and neuroreceptor correlates in Parkinsonâ€™s disease visual hallucinations. Nature Communications, 2022, 13, 519.	12.8	15
2	GABA _B receptor modulation of visual sensory processing in adults with and without autism spectrum disorder. Science Translational Medicine, 2022, 14, eabg7859.	12.4	23
3	Adults with autism spectrum disorder and the criminal justice system: An investigation of prevalence of contact with the criminal justice system, risk factors and sex differences in a specialist assessment service. Autism, 2022, 26, 2098-2107.	4.1	5
4	Neonatal multi-modal cortical profiles predict 18-month developmental outcomes. Developmental Cognitive Neuroscience, 2022, 54, 101103.	4.0	11
5	Effects of gestational age at birth on perinatal structural brain development in healthy termâ€born babies. Human Brain Mapping, 2022, 43, 1577-1589.	3.6	3
6	Differences in social brain function in autism spectrum disorder are linked to the serotonin transporter: A randomised placebo-controlled single-dose crossover trial. Journal of Psychopharmacology, 2022, 36, 723-731.	4.0	6
7	Cell line specific alterations in genes associated with dopamine metabolism and signaling in midbrain dopaminergic neurons derived from 22q11.2 deletion carriers with elevated dopamine synthesis capacity. Schizophrenia Research, 2022, , .	2.0	1
8	Attenuated transcriptional response to pro-inflammatory cytokines in schizophrenia hiPSC-derived neural progenitor cells. Brain, Behavior, and Immunity, 2022, 105, 82-97.	4.1	7
9	Atypical Neurogenesis in Induced Pluripotent Stem Cells From Autistic Individuals. Biological Psychiatry, 2021, 89, 486-496.	1.3	40
10	Modulation of atypical brain activation during executive functioning in autism: a pharmacological MRI study of tianeptine. Molecular Autism, 2021, 12, 14.	4.9	6
11	Phenotyping the Preterm Brain: Characterizing Individual Deviations From Normative Volumetric Development in Two Large Infant Cohorts. Cerebral Cortex, 2021, 31, 3665-3677.	2.9	19
12	T1-Weighted/T2-Weighted Ratio Mapping at 5ÂMonths Captures Individual Differences in Behavioral Development and Differentiates Infants at Familial Risk for Autism from Controls. Cerebral Cortex, 2021, 31, 4068-4077.	2.9	7
13	Neurometabolite mapping highlights elevated myo-inositol profiles within the developing brain in down syndrome. Neurobiology of Disease, 2021, 153, 105316.	4.4	8
14	Novel epigenetic clock for fetal brain development predicts prenatal age for cellular stem cell models and derived neurons. Molecular Brain, 2021, 14, 98.	2.6	19
15	Simultaneous quantification of GABA, Glx and GSH in the neonatal human brain using magnetic resonance spectroscopy. NeuroImage, 2021, 233, 117930.	4.2	13
16	Modulation of striatal functional connectivity differences in adults with and without autism spectrum disorder in a single-dose randomized trial of cannabidivarin. Molecular Autism, 2021, 12, 49.	4.9	13
17	Maternal depression during pregnancy alters infant subcortical and midbrain volumes.. Journal of Affective Disorders, 2021, 291, 163-170.	4.1	14
18	Preterm birth alters the development of cortical microstructure and morphology at term-equivalent age. NeuroImage, 2021, 243, 118488.	4.2	40

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19	Early alterations in cortical and cerebellar regional brain growth in Down Syndrome: An in vivo fetal and neonatal MRI assessment. NeuroImage: Clinical, 2020, 25, 102139.	2.7	41
20	Interferon-Î³ signaling in human iPSCâ€“derived neurons recapitulates neurodevelopmental disorder phenotypes. Science Advances, 2020, 6, eaay9506.	10.3	56
21	Early maturation of the social brain: How brain development provides a platform for the acquisition of social-cognitive competence. Progress in Brain Research, 2020, 254, 49-70.	1.4	8
22	Serotonin differentially modulates the temporal dynamics of the limbic response to facial emotions in male adults with and without autism spectrum disorder (ASD): a randomised placebo-controlled single-dose crossover trial. Neuropsychopharmacology, 2020, 45, 2248-2256.	5.4	7
23	Emerging functional connectivity differences in newborn infants vulnerable to autism spectrum disorders. Translational Psychiatry, 2020, 10, 131.	4.8	31
24	Glutamatergic and GABAergic reactivity and cognition in 22q11.2 deletion syndrome and healthy volunteers: A randomized double-blind 7-Tesla pharmacological MRS study. Journal of Psychopharmacology, 2020, 34, 856-863.	4.0	14
25	Development of Microstructural and Morphological Cortical Profiles in the Neonatal Brain. Cerebral Cortex, 2020, 30, 5767-5779.	2.9	42
26	Heterogeneity in Brain Microstructural Development Following Preterm Birth. Cerebral Cortex, 2020, 30, 4800-4810.	2.9	54
27	Genome-wide DNA methylation data from adult brain following prenatal immune activation and dietary intervention. Data in Brief, 2019, 26, 104561.	1.0	1
28	Father-infant interactions and infant regional brain volumes: A cross-sectional MRI study. Developmental Cognitive Neuroscience, 2019, 40, 100721.	4.0	18
29	Modulation of brain activation during executive functioning in autism with citalopram. Translational Psychiatry, 2019, 9, 286.	4.8	14
30	The effect of cannabidiol (CBD) on low-frequency activity and functional connectivity in the brain of adults with and without autism spectrum disorder (ASD). Journal of Psychopharmacology, 2019, 33, 1141-1148.	4.0	51
31	LINE1 and Mecp2 methylation of the adult striatum and prefrontal cortex exposed to prenatal immune activation. Data in Brief, 2019, 25, 104003.	1.0	5
32	Familial risk of autism alters subcortical and cerebellar brain anatomy in infants and predicts the emergence of repetitive behaviors in early childhood. Autism Research, 2019, 12, 614-627.	3.8	30
33	Social Brain Functional Maturation in Newborn Infants With and Without a Family History of Autism Spectrum Disorder. JAMA Network Open, 2019, 2, e191868.	5.9	25
34	Effects of cannabidiol on brain excitation and inhibition systems; a randomised placebo-controlled single dose trial during magnetic resonance spectroscopy in adults with and without autism spectrum disorder. Neuropsychopharmacology, 2019, 44, 1398-1405.	5.4	95
35	Effects of cannabidivarin (CBDV) on brain excitation and inhibition systems in adults with and without Autism Spectrum Disorder (ASD): a single dose trial during magnetic resonance spectroscopy. Translational Psychiatry, 2019, 9, 313.	4.8	36
36	The contribution of [1H] magnetic resonance spectroscopy to the study of excitation-inhibition in autism. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 89, 236-244.	4.8	52

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37	Using Pattern Classification to Identify Brain Imaging Markers in Autism Spectrum Disorder. Current Topics in Behavioral Neurosciences, 2018, 40, 413-436.	1.7	5
38	Autism spectrum disorder: Consensus guidelines on assessment, treatment and research from the British Association for Psychopharmacology. Journal of Psychopharmacology, 2018, 32, 3-29.	4.0	196
39	T173. GABA AND GLUTAMATE IN PATIENTS WITH 22Q11.2 DELETION SYNDROME AND HEALTHY VOLUNTEERS AND THE RELATION WITH COGNITION: A RANDOMIZED DOUBLE-BLIND 7TESLA PHARMACOLOGICAL MRS STUDY. Schizophrenia Bulletin, 2018, 44, S182-S183.	4.3	1
40	Quantitative susceptibility mapping as an indicator of subcortical and limbic iron abnormality in Parkinson's disease with dementia. NeuroImage: Clinical, 2018, 20, 365-373.	2.7	39
41	Prenatal immune activation alters the adult neural epigenome but can be partly stabilised by a n-3 polyunsaturated fatty acid diet. Translational Psychiatry, 2018, 8, 125.	4.8	35
42	Shifting brain inhibitory balance and connectivity of the prefrontal cortex of adults with autism spectrum disorder. Translational Psychiatry, 2017, 7, e1137-e1137.	4.8	101
43	Motherâ€“infant interactions and regional brain volumes in infancy: an MRI study. Brain Structure and Function, 2017, 222, 2379-2388.	2.3	37
44	An assessor-blinded, randomized comparison of efficacy and tolerability of switching from olanzapine to ziprasidone and the combination of both in schizophrenia spectrum disorders. Journal of Psychiatric Research, 2017, 85, 59-65.	3.1	6
45	Impaired Communication Between the Motor and Somatosensory Homunculus Is Associated With Poor Manual Dexterity in Autism Spectrum Disorder. Biological Psychiatry, 2017, 81, 211-219.	1.3	77
46	Autism spectrum disorder in adults: diagnosis, management, and health services development. Neuropsychiatric Disease and Treatment, 2016, Volume 12, 1669-1686.	2.2	163
47	A single low dose of valproic acid in late prenatal life alters postnatal behavior and glutamic acid decarboxylase levels in the mouse. Behavioural Brain Research, 2016, 314, 190-198.	2.2	24
48	Cortical and subcortical glutathione levels in adults with autism spectrum disorder. Autism Research, 2016, 9, 429-435.	3.8	19
49	Microduplications at the pseudoautosomalSHOXlocus in autism spectrum disorders and related neurodevelopmental conditions. Journal of Medical Genetics, 2016, 53, 536-547.	3.2	26
50	Peony-Glycyrrhiza Decoction for Antipsychotic-Related Hyperprolactinemia in Women With Schizophrenia. Journal of Clinical Psychopharmacology, 2016, 36, 572-579.	1.4	13
51	Transcutaneous electrical acupoint stimulation as an adjunct therapy for obsessive-compulsive disorder: A randomized controlled study. Journal of Psychiatric Research, 2016, 80, 30-37.	3.1	11
52	Does sex influence the diagnostic evaluation of autism spectrum disorder in adults?. Autism, 2016, 20, 808-819.	4.1	87
53	The mental health of individuals referred for assessment of autism spectrum disorder in adulthood: A clinic report. Autism, 2016, 20, 623-627.	4.1	93
54	Tspyl2 Loss-of-Function Causes Neurodevelopmental Brain and Behavior Abnormalities in Mice. Behavior Genetics, 2016, 46, 529-537.	2.1	10

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55	Multimodal MRI of the hippocampus in Parkinsonâ€™s disease with visual hallucinations. Brain Structure and Function, 2016, 221, 287-300.	2.3	53
56	Targeting Glia with N-Acetylcysteine Modulates Brain Glutamate and Behaviors Relevant to Neurodevelopmental Disorders in C57BL/6J Mice. Frontiers in Behavioral Neuroscience, 2015, 9, 343.	2.0	32
57	The Effect of Oxytocin on Social and Non-Social Behaviour and Striatal Protein Expression in C57BL/6N Mice. PLoS ONE, 2015, 10, e0145638.	2.5	21
58	Resting activity in visual and corticostriatal pathways in Parkinson's disease with hallucinations. Parkinsonism and Related Disorders, 2015, 21, 131-137.	2.2	55
59	Behaviour and prefrontal protein differences in C57BL/6N and 129 X1/SvJ mice. Brain Research Bulletin, 2015, 116, 16-24.	3.0	16
60	Dietary supplementation with n-3 fatty acids from weaning limits brain biochemistry and behavioural changes elicited by prenatal exposure to maternal inflammation in the mouse model. Translational Psychiatry, 2015, 5, e641-e641.	4.8	51
61	Extensive brain structural network abnormality in first-episode treatment-naive patients with schizophrenia: morphometrical and covariation study. Psychological Medicine, 2014, 44, 2489-2501.	4.5	25
62	Prenatal maternal immune activation causes epigenetic differences in adolescent mouse brain. Translational Psychiatry, 2014, 4, e434-e434.	4.8	88
63	MRI Predicts Remission at 1 Year in First-Episode Schizophrenia in Females with Larger Striato-Thalamic Volumes. Neuropsychobiology, 2014, 69, 243-248.	1.9	18
64	The default mode network is disrupted in parkinson's disease with visual hallucinations. Human Brain Mapping, 2014, 35, 5658-5666.	3.6	138
65	Common Variants on Xq28 Conferring Risk of Schizophrenia in Han Chinese. Schizophrenia Bulletin, 2014, 40, 777-786.	4.3	49
66	Platelet 5-HT1A receptor correlates with major depressive disorder in drug-free patients. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2014, 53, 74-79.	4.8	23
67	The Nucleosome Assembly Protein TSPYL2 Regulates the Expression of NMDA Receptor Subunits GluN2A and GluN2B. Scientific Reports, 2014, 4, 3654.	3.3	14
68	White Matter Brain Structure in Aspergerâ€™s Syndrome. , 2014, , 1905-1927.		1
69	Transgenic mice over-expressing endothelial endothelin-1 show cognitive deficit with bloodâ€“brain barrier breakdown after transient ischemia with long-term reperfusion. Neurobiology of Learning and Memory, 2013, 101, 46-54.	1.9	49
70	White-matter microstructure in previously drug-naive patients with schizophrenia after 6 weeks of treatment. Psychological Medicine, 2013, 43, 2301-2309.	4.5	79
71	Fronto-parietal white matter microstructural deficits are linked to performance IQ in a first-episode schizophrenia Han Chinese sample. Psychological Medicine, 2013, 43, 2047-2056.	4.5	14
72	Genome-Wide Association Analysis with Gray Matter Volume as a Quantitative Phenotype in First-Episode Treatment-NaÃ¯ve Patients with Schizophrenia. PLoS ONE, 2013, 8, e75083.	2.5	24

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73	MR Diffusion Tensor Imaging Detects Rapid Microstructural Changes in Amygdala and Hippocampus Following Fear Conditioning in Mice. PLoS ONE, 2013, 8, e51704.	2.5	40
74	Neural Acupuncture Unit: A New Concept for Interpreting Effects and Mechanisms of Acupuncture. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-23.	1.2	176
75	Volume increases in putamen associated with positive symptom reduction in previously drug-naive schizophrenia after 6 weeks antipsychotic treatment. Psychological Medicine, 2012, 42, 1475-1483.	4.5	58
76	Magnetic resonance spectroscopy reveals N-acetylaspartate reduction in hippocampus and cingulate cortex after fear conditioning. Psychiatry Research - Neuroimaging, 2012, 204, 178-183.	1.8	23
77	Temporal processing impairment in children with attention-deficit-hyperactivity disorder. Research in Developmental Disabilities, 2012, 33, 538-548.	2.2	24
78	MRI AS A TRANSLATIONAL TOOL IN MOUSE MODELS OF NEURODEVELOPMENTAL DISORDER. Schizophrenia Research, 2012, 136, S13.	2.0	0
79	Not only dopamine D2 receptors involved in Peony-Glycyrrhiza Decoction, an herbal preparation against antipsychotic-associated hyperprolactinemia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2012, 39, 332-338.	4.8	28
80	The neuropathological contribution of prenatal inflammation to schizophrenia. Expert Review of Neurotherapeutics, 2011, 11, 29-32.	2.8	20
81	Social attribution in children with high functioning autism and Asperger syndrome: An exploratory study in the Chinese setting. Research in Autism Spectrum Disorders, 2011, 5, 1538-1548.	1.5	12
82	Frontal-Subcortical Protein Expression following Prenatal Exposure to Maternal Inflammation. PLoS ONE, 2011, 6, e16638.	2.5	25
83	MRI Study of Minor Physical Anomaly in Childhood Autism Implicates Aberrant Neurodevelopment in Infancy. PLoS ONE, 2011, 6, e20246.	2.5	24
84	Is there an anatomical endophenotype for neurodevelopmental disorders? A review of dual disorder anatomical likelihood estimation (ALE) meta-analyses of grey matter volumes. Science Bulletin, 2011, 56, 3376-3381.	1.7	3
85	Gray Matter in First-Episode Schizophrenia Before and After Antipsychotic Drug Treatment. Anatomical Likelihood Estimation Meta-analyses With Sample Size Weighting. Schizophrenia Bulletin, 2011, 37, 199-211.	4.3	125
86	Positive symptoms and white matter microstructure in never-medicated first episode schizophrenia. Psychological Medicine, 2011, 41, 1709-1719.	4.5	84
87	Abnormalities in connectivity of white-matter tracts in patients with familial and non-familial schizophrenia. Psychological Medicine, 2011, 41, 1691-1700.	4.5	38
88	Can Asperger syndrome be distinguished from autism? An anatomic likelihood meta-analysis of MRI studies. Journal of Psychiatry and Neuroscience, 2011, 36, 412-421.	2.4	89
89	Brain Anatomical Abnormalities in High-Risk Individuals, First-Episode, and Chronic Schizophrenia: An Activation Likelihood Estimation Meta-analysis of Illness Progression. Schizophrenia Bulletin, 2011, 37, 177-188.	4.3	289
90	An Epidemiological Study of Concomitant Use of Chinese Medicine and Antipsychotics in Schizophrenic Patients: Implication for Herb-Drug Interaction. PLoS ONE, 2011, 6, e17239.	2.5	34

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91	Maturation of social attribution skills in typically developing children: an investigation using the social attribution task. Behavioral and Brain Functions, 2010, 6, 10.	3.3	27
92	Are Bipolar Disorder and Schizophrenia Neuroanatomically Distinct? An Anatomical Likelihood Meta-analysis. Frontiers in Human Neuroscience, 2010, 4, 189.	2.0	83
93	Autistic Disorders and Schizophrenia: Related or Remote? An Anatomical Likelihood Estimation. PLoS ONE, 2010, 5, e12233.	2.5	159
94	Facial Emotion Processing in Schizophrenia: A Meta-analysis of Functional Neuroimaging Data. Schizophrenia Bulletin, 2010, 36, 1029-1039.	4.3	249
95	The Timing and Specificity of Prenatal Immune Risk Factors for Autism Modeled in the Mouse and Relevance to Schizophrenia. NeuroSignals, 2010, 18, 129-139.	0.9	21
96	Voxel-based analysis of postnatal white matter microstructure in mice exposed to immune challenge in early or late pregnancy. NeuroImage, 2010, 52, 1-8.	4.2	55
97	Prevalence of Neurological Soft Signs and Their Neuropsychological Correlates in Typically Developing Chinese Children and Chinese Children With ADHD. Developmental Neuropsychology, 2010, 35, 698-711.	1.4	34
98	Prenatal Immune Challenge Is an Environmental Risk Factor for Brain and Behavior Change Relevant to Schizophrenia: Evidence from MRI in a Mouse Model. PLoS ONE, 2009, 4, e6354.	2.5	128
99	Early striatal hypertrophy in first-episode psychosis within 3 weeks of initiating antipsychotic drug treatment. Psychological Medicine, 2009, 39, 793-800.	4.5	55
100	Differential effects on white-matter systems in high-functioning autism and Asperger's syndrome. Psychological Medicine, 2009, 39, 1885-1893.	4.5	78
101	A naturalistic study of grey matter volume increase after early treatment in anti-psychotic naÃ¯ve, newly diagnosed schizophrenia. Psychopharmacology, 2009, 206, 437-446.	3.1	52
102	White matter fractional anisotrophy differences and correlates of diagnostic symptoms in autism. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2009, 50, 1102-1112.	5.2	156
103	Spatiotemporal dipole source localization of face processing ERPs in adolescents: a preliminary study. Behavioral and Brain Functions, 2009, 5, 16.	3.3	38
104	Brain morphometry volume in autistic spectrum disorder: a magnetic resonance imaging study of adults. Psychological Medicine, 2009, 39, 337-346.	4.5	81
105	Is there core diffusion tensor imaging pathology in schizophrenia?. British Journal of Psychiatry, 2009, 195, 86-87.	2.8	0
106	Age-related grey matter volume correlates of response inhibition and shifting in attention-deficit hyperactivity disorder. British Journal of Psychiatry, 2009, 194, 123-129.	2.8	60
107	Distinct patterns of grey matter abnormality in highâ€functioning autism and Aspergerâ€™s syndrome. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2008, 49, 1287-1295.	5.2	147
108	Abnormal spatiotemporal processing of emotional facial expressions in childhood autism: dipole source analysis of eventâ€related potentials. European Journal of Neuroscience, 2008, 28, 407-416.	2.6	111

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109	A diffusion tensor imaging study of structural dysconnectivity in never-medicated, first-episode schizophrenia. Psychological Medicine, 2008, 38, 877-885.	4.5	198
110	Immediate and Sustained Psychological Impact of an Emerging Infectious Disease Outbreak on Health Care Workers. Canadian Journal of Psychiatry, 2007, 52, 241-247.	1.9	570
111	Cerebral grey, white matter and csf in never-medicated, first-episode schizophrenia. Schizophrenia Research, 2007, 89, 12-21.	2.0	170
112	Stress and Psychological Distress among SARS Survivors 1 Year after the Outbreak. Canadian Journal of Psychiatry, 2007, 52, 233-240.	1.9	880
113	Mapping brain structure in attention deficit-hyperactivity disorder: A voxel-based MRI study of regional grey and white matter volume. Psychiatry Research - Neuroimaging, 2007, 154, 171-180.	1.8	118
114	In Vivo¹H-Magnetic Resonance Spectroscopy Study of Amygdala-Hippocampal and Parietal Regions in Autism. American Journal of Psychiatry, 2006, 163, 2189-2192.	7.2	138
115	White Matter Anisotropy in Post-Treatment Childhood Cancer Survivors: Preliminary Evidence of Association With Neurocognitive Function. Journal of Clinical Oncology, 2006, 24, 884-890.	1.6	177
116	In Vivo<char aid="99756086" id="sup"> 1</char>H-Magnetic Resonance Spectroscopy Study of Amygdala-Hippocampal and Parietal Regions in Autism. American Journal of Psychiatry, 2006, 163, 2189.	7.2	117
117	CORRESPONDENCE. Psychological Medicine, 2005, 35, 459-461.	4.5	8
118	Mapping the brain in autism. A voxel-based MRI study of volumetric differences and intercorrelations in autism. Brain, 2004, 128, 268-276.	7.6	420
119	Psychological responses to the SARS outbreak in healthcare students in Hong Kong. Medical Teacher, 2004, 26, 657-659.	1.8	100
120	Psychological Effects of the SARS Outbreak in Hong Kong on High-Risk Health Care Workers. Canadian Journal of Psychiatry, 2004, 49, 391-393.	1.9	356
121	Stress and Psychological Impact on SARS Patients during the Outbreak. Canadian Journal of Psychiatry, 2004, 49, 385-390.	1.9	195
122	Brain anatomy and sensorimotor gating in Asperger's syndrome. Brain, 2002, 125, 1594-1606.	7.6	394
123	Asperger Syndrome. Archives of General Psychiatry, 2002, 59, 885.	12.3	134
124	Brain anatomy, neuronal integrity, and function in people with autistic spectrum disorder. NeuroImage, 2001, 13, 1097.	4.2	0
125	The functional neuroanatomy of social behaviour. Brain, 2000, 123, 2203-2212.	7.6	732
126	Cognitive enhancers in theory and practice: studies of the cholinergic hypothesis of cognitive deficits in Alzheimer's disease. Behavioural Brain Research, 1997, 83, 15-23.	2.2	80

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127	The Effects of AMPA-induced Lesions of the Septo-hippocampal Cholinergic Projection on Aversive Conditioning to Explicit and Contextual Cues and Spatial Learning in the Water Maze. European Journal of Neuroscience, 1995, 7, 281-292.	2.6	65
128	The Effects of AMPA-induced Lesions of the Medial Septum and Vertical Limb Nucleus of the Diagonal Band of Broca on Spatial Delayed Non-matching to Sample and Spatial Learning in the Water Maze. European Journal of Neuroscience, 1995, 7, 1034-1049.	2.6	56
129	Effects of medial dorsal thalamic and ventral pallidal lesions on the acquisition of a conditioned place preference: Further evidence for the involvement of the ventral striatopallidal system in reward-related processes. Neuroscience, 1993, 52, 605-620.	2.3	127