

Frank A Middleton

List of Publications by Year in descending order

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Version: 2024-02-01

146
papers

19,181
citations

41323

49
h-index

11928

134
g-index

151
all docs

151
docs citations

151
times ranked

27013
citing authors

#	ARTICLE	IF	CITATIONS
1	Common polygenic variation contributes to risk of schizophrenia and bipolar disorder. <i>Nature</i> , 2009, 460, 748-752.	13.7	4,345
2	Basal ganglia and cerebellar loops: motor and cognitive circuits. <i>Brain Research Reviews</i> , 2000, 31, 236-250.	9.1	1,677
3	Rare chromosomal deletions and duplications increase risk of schizophrenia. <i>Nature</i> , 2008, 455, 237-241.	13.7	1,387
4	Cerebellar Projections to the Prefrontal Cortex of the Primate. <i>Journal of Neuroscience</i> , 2001, 21, 700-712.	1.7	894
5	Molecular Characterization of Schizophrenia Viewed by Microarray Analysis of Gene Expression in Prefrontal Cortex. <i>Neuron</i> , 2000, 28, 53-67.	3.8	861
6	PGC-1 β , A Potential Therapeutic Target for Early Intervention in Parkinson's Disease. <i>Science Translational Medicine</i> , 2010, 2, 52ra73.	5.8	691
7	Basal Ganglia Output and Cognition: Evidence from Anatomical, Behavioral, and Clinical Studies. <i>Brain and Cognition</i> , 2000, 42, 183-200.	0.8	589
8	Environmental risk factors for attention-deficit hyperactivity disorder. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2007, 96, 1269-1274.	0.7	441
9	Meta-Analysis of Genome-Wide Association Studies of Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010, 49, 884-897.	0.3	423
10	Gene Expression Profiling Reveals Alterations of Specific Metabolic Pathways in Schizophrenia. <i>Journal of Neuroscience</i> , 2002, 22, 2718-2729.	1.7	414
11	Basal-ganglia 'Projections' to the Prefrontal Cortex of the Primate. <i>Cerebral Cortex</i> , 2002, 12, 926-935.	1.6	392
12	Analysis of complex brain disorders with gene expression microarrays: schizophrenia as a disease of the synapse. <i>Trends in Neurosciences</i> , 2001, 24, 479-486.	4.2	383
13	Genome-wide copy number variation study associates metabotropic glutamate receptor gene networks with attention deficit hyperactivity disorder. <i>Nature Genetics</i> , 2012, 44, 78-84.	9.4	334
14	Association and linkage analyses of RGS4 polymorphisms in schizophrenia. <i>Human Molecular Genetics</i> , 2002, 11, 1373-1380.	1.4	318
15	Genomic investigation of α -synuclein multiplication and parkinsonism. <i>Annals of Neurology</i> , 2008, 63, 743-750.	2.8	316
16	Genome-Wide Analysis of Copy Number Variants in Attention Deficit Hyperactivity Disorder: The Role of Rare Variants and Duplications at 15q13.3. <i>American Journal of Psychiatry</i> , 2012, 169, 195-204.	4.0	242
17	Activation of Mammalian Target of Rapamycin Controls the Loss of TCR η in Lupus T Cells through HRES-1/Rab4-Regulated Lysosomal Degradation. <i>Journal of Immunology</i> , 2009, 182, 2063-2073.	0.4	221
18	Transcriptional analysis of multiple brain regions in Parkinson's disease supports the involvement of specific protein processing, energy metabolism, and signaling pathways, and suggests novel disease mechanisms. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2005, 137B, 5-16.	1.1	220

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19	Cerebellar Output Channels. <i>International Review of Neurobiology</i> , 1997, 41, 61-82.	0.9	218
20	Cerebellar output: motor and cognitive channels. <i>Trends in Cognitive Sciences</i> , 1998, 2, 348-354.	4.0	193
21	The spontaneously hypertensive rat model of ADHD – The importance of selecting the appropriate reference strain. <i>Neuropharmacology</i> , 2009, 57, 619-626.	2.0	176
22	Investigating the Contribution of Common Genetic Variants to the Risk and Pathogenesis of ADHD. <i>American Journal of Psychiatry</i> , 2012, 169, 186-194.	4.0	174
23	Case-Control Genome-Wide Association Study of Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010, 49, 906-920.	0.3	150
24	Chapter 32 Dentate output channels: motor and cognitive components. <i>Progress in Brain Research</i> , 1997, 114, 553-566.	0.9	138
25	Is obesity an inflammatory disease?. <i>Surgery</i> , 2003, 134, 329-335.	1.0	138
26	HRES-1/Rab4-mediated depletion of Drp1 impairs mitochondrial homeostasis and represents a target for treatment in SLE. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 1888-1897.	0.5	131
27	Weight regain after Roux-en-Y: A significant 20% complication related to PYY. <i>Nutrition</i> , 2008, 24, 832-842.	1.1	115
28	Salivary miRNA profiles identify children with autism spectrum disorder, correlate with adaptive behavior, and implicate ASD candidate genes involved in neurodevelopment. <i>BMC Pediatrics</i> , 2016, 16, 52.	0.7	107
29	Gene expression analysis of peripheral blood leukocytes from discordant sib-pairs with schizophrenia and bipolar disorder reveals points of convergence between genetic and functional genomic approaches. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2005, 136B, 12-25.	1.1	103
30	Gene expression profiling with DNA microarrays: advancing our understanding of psychiatric disorders. <i>Neurochemical Research</i> , 2002, 27, 1049-1063.	1.6	102
31	A Comparative Review of microRNA Expression Patterns in Autism Spectrum Disorder. <i>Frontiers in Psychiatry</i> , 2016, 7, 176.	1.3	98
32	Genome-wide association study of response to methylphenidate in 187 children with attention-deficit/hyperactivity disorder. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2008, 147B, 1412-1418.	1.1	95
33	Loss of Vacuolar Proton-translocating ATPase Activity in Yeast Results in Chronic Oxidative Stress*. <i>Journal of Biological Chemistry</i> , 2007, 282, 7125-7136.	1.6	94
34	Co-quantification of crAssphage increases confidence in wastewater-based epidemiology for SARS-CoV-2 in low prevalence areas. <i>Water Research X</i> , 2021, 11, 100100.	2.8	90
35	Microarray analysis of proliferative and hypertrophic growth plate zones identifies differentiation markers and signal pathways. <i>Bone</i> , 2004, 35, 1273-1293.	1.4	88
36	Prevention of hepatocarcinogenesis and increased susceptibility to acetaminophen-induced liver failure in transaldolase-deficient mice by N-acetylcysteine. <i>Journal of Clinical Investigation</i> , 2009, 119, 1546-1557.	3.9	80

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37	Altered Expression of 14-3-3 Genes in the Prefrontal Cortex of Subjects with Schizophrenia. <i>Neuropsychopharmacology</i> , 2005, 30, 974-983.	2.8	75
38	Ethanol-induced methylation of cell cycle genes in neural stem cells. <i>Journal of Neurochemistry</i> , 2010, 114, 1767-1780.	2.1	75
39	Gene expression profiles of intact and regenerating zebrafish retina. <i>Molecular Vision</i> , 2005, 11, 775-91.	1.1	75
40	Transaldolase is essential for maintenance of the mitochondrial transmembrane potential and fertility of spermatozoa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 14813-14818.	3.3	70
41	Methylphenidate normalizes elevated dopamine transporter densities in an animal model of the attention-deficit/hyperactivity disorder combined type, but not to the same extent in one of the attention-deficit/hyperactivity disorder inattentive type. <i>Neuroscience</i> , 2010, 167, 1183-1191.	1.1	67
42	A HOX Gene Mutation in a Family with Isolated Congenital Vertical Talus and Charcot-Marie-Tooth Disease. <i>American Journal of Human Genetics</i> , 2004, 75, 92-96.	2.6	66
43	Characterization of weight loss and weight regain mechanisms after Roux-en-Y gastric bypass in rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R1474-R1489.	0.9	66
44	A comparison of molecular alterations in environmental and genetic rat models of ADHD: A pilot study. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2008, 147B, 1554-1563.	1.1	65
45	The oral microbiome of early stage Parkinson's disease and its relationship with functional measures of motor and non-motor function. <i>PLoS ONE</i> , 2019, 14, e0218252.	1.1	63
46	Increased promoter methylation of the immune regulatory gene SHP-1 in leukocytes of multiple sclerosis subjects. <i>Journal of Neuroimmunology</i> , 2012, 246, 51-57.	1.1	59
47	Genetic architecture of Wistar-Kyoto rat and spontaneously hypertensive rat substrains from different sources. <i>Physiological Genomics</i> , 2013, 45, 528-538.	1.0	58
48	Behavioral and genetic evidence for a novel animal model of Attention-Deficit/Hyperactivity Disorder Predominantly Inattentive Subtype. <i>Behavioral and Brain Functions</i> , 2008, 4, 56.	1.4	57
49	Saliva MicroRNA Differentiates Children With Autism From Peers With Typical and Atypical Development. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2020, 59, 296-308.	0.3	56
50	Effects of Acute Prenatal Exposure to Ethanol on microRNA Expression are Ameliorated by Social Enrichment. <i>Frontiers in Pediatrics</i> , 2014, 2, 103.	0.9	50
51	Oral microbiome activity in children with autism spectrum disorder. <i>Autism Research</i> , 2018, 11, 1286-1299.	2.1	49
52	Haplotypes of the HRES-1 endogenous retrovirus are associated with development and disease manifestations of systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2008, 58, 532-540.	6.7	48
53	Comparison of serum and saliva miRNAs for identification and characterization of mTBI in adult mixed martial arts fighters. <i>PLoS ONE</i> , 2019, 14, e0207785.	1.1	47
54	Transaldolase deficiency influences the pentose phosphate pathway, mitochondrial homeostasis and apoptosis signal processing. <i>Biochemical Journal</i> , 2008, 415, 123-134.	1.7	46

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55	The cerebellum: an overview. <i>Trends in Cognitive Sciences</i> , 1998, 2, 305-306.	4.0	44
56	Hormone-response Genes Are Direct in Vivo Regulatory Targets of Brahma (SWI/SNF) Complex Function. <i>Journal of Biological Chemistry</i> , 2006, 281, 35305-35315.	1.6	44
57	White matter abnormalities in 22q11.2 deletion syndrome: Preliminary associations with the Nogo-66 receptor gene and symptoms of psychosis. <i>Schizophrenia Research</i> , 2014, 152, 117-123.	1.1	44
58	Molecular Substrates of Social Avoidance Seen following Prenatal Ethanol Exposure and Its Reversal by Social Enrichment. <i>Developmental Neuroscience</i> , 2012, 34, 115-128.	1.0	43
59	Validation of a Salivary RNA Test for Childhood Autism Spectrum Disorder. <i>Frontiers in Genetics</i> , 2018, 9, 534.	1.1	42
60	Application of genomic technologies. <i>Nutrition</i> , 2004, 20, 14-25.	1.1	40
61	Alterations in serum microRNA in humans with alcohol use disorders impact cell proliferation and cell death pathways and predict structural and functional changes in brain. <i>BMC Neuroscience</i> , 2015, 16, 55.	0.8	40
62	Heat shock protein 12A shows reduced expression in the prefrontal cortex of subjects with schizophrenia. <i>Biological Psychiatry</i> , 2004, 56, 943-950.	0.7	39
63	White matter microstructural abnormalities of the cingulum bundle in youths with 22q11.2 deletion syndrome: Associations with medication, neuropsychological function, and prodromal symptoms of psychosis. <i>Schizophrenia Research</i> , 2015, 161, 76-84.	1.1	38
64	Effects of omega-3 fatty acid supplementation on tumor-bearing rats. <i>Journal of the American College of Surgeons</i> , 2004, 199, 716-723.	0.2	37
65	Isolation and Confirmation of a Calcium Excretion Quantitative Trait Locus on Chromosome 1 in Genetic Hypercalciuric Stone-Forming Congenic Rats. <i>Journal of the American Society of Nephrology: JASN</i> , 2006, 17, 1292-1304.	3.0	36
66	Deletion at the SLC1A1 glutamate transporter gene co-segregates with schizophrenia and bipolar schizoaffective disorder in a 5-generation family. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2013, 162, 87-95.	1.1	36
67	Microarray analysis of perichondral and reserve growth plate zones identifies differential gene expressions and signal pathways. <i>Bone</i> , 2008, 43, 511-520.	1.4	35
68	Gene expression profiles post Roux-en-Y gastric bypass. <i>Surgery</i> , 2004, 136, 246-252.	1.0	34
69	Thrombospondin-1: A proatherosclerotic protein augmented by hyperglycemia. <i>Journal of Vascular Surgery</i> , 2010, 51, 1238-1247.	0.6	34
70	Transforming growth factor beta1 and ethanol affect transcription and translation of genes and proteins for cell adhesion molecules in B104 neuroblastoma cells. <i>Journal of Neurochemistry</i> , 2006, 97, 1182-1190.	2.1	33
71	Long descending cervical propriospinal neurons differ from thoracic propriospinal neurons in response to low thoracic spinal injury. <i>BMC Neuroscience</i> , 2010, 11, 148.	0.8	33
72	SLC9A9 mutations, gene expression, and protein-protein interactions in rat models of attention-deficit/hyperactivity disorder. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2011, 156, 835-843.	1.1	32

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73	Mitochondrial carrier protein overloading and misfolding induce aggresomes and proteostatic adaptations in the cytosol. <i>Molecular Biology of the Cell</i> , 2019, 30, 1272-1284.	0.9	30
74	The Transcriptional Signature of a Runner's High. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 970-978.	0.2	30
75	Diagnosing mild traumatic brain injury using saliva RNA compared to cognitive and balance testing. <i>Clinical and Translational Medicine</i> , 2020, 10, e197.	1.7	30
76	The effects of gender and catechol O-methyltransferase (COMT) Val108/158Met polymorphism on emotion regulation in velo-cardio-facial syndrome (22q11.2 deletion syndrome): An fMRI study. <i>NeuroImage</i> , 2010, 53, 1043-1050.	2.1	29
77	Copy Number Variants for Schizophrenia and Related Psychotic Disorders in Oceanic Palau: Risk and Transmission in Extended Pedigrees. <i>Biological Psychiatry</i> , 2011, 70, 1115-1121.	0.7	28
78	Transcriptomic analysis of postmortem brain identifies dysregulated splicing events in novel candidate genes for schizophrenia. <i>Schizophrenia Research</i> , 2012, 142, 188-199.	1.1	28
79	Association between autism spectrum disorder in individuals with velocardiofacial (22q11.2 deletion) syndrome and PRODH and COMT genotypes. <i>Psychiatric Genetics</i> , 2014, 24, 269-272.	0.6	28
80	Complete maternal uniparental isodisomy of chromosome 4 in a subject with major depressive disorder detected by high density SNP genotyping arrays. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2006, 141B, 28-32.	1.1	27
81	Gestational ethanol exposure alters the behavioral response to ethanol odor and the expression of neurotransmission genes in the olfactory bulb of adolescent rats. <i>Brain Research</i> , 2009, 1252, 105-116.	1.1	27
82	Diurnal oscillations in human salivary microRNA and microbial transcription: Implications for human health and disease. <i>PLoS ONE</i> , 2018, 13, e0198288.	1.1	27
83	Functional and biochemical characterization of soleus muscle in Down syndrome mice: insight into the muscle dysfunction seen in the human condition. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 303, R1251-R1260.	0.9	26
84	Associations between neurodevelopmental genes, neuroanatomy, and ultra high risk symptoms of psychosis in 22q11.2 deletion syndrome. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2017, 174, 295-314.	1.1	25
85	Genome-wide association study of blood pressure response to methylphenidate treatment of attention-deficit/hyperactivity disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 466-472.	2.5	24
86	Hierarchical clustering of gene expression patterns in the Eomes lineage of excitatory neurons during early neocortical development. <i>BMC Neuroscience</i> , 2012, 13, 90.	0.8	23
87	A splicing-regulatory polymorphism in DRD2 disrupts ZRANB2 binding, impairs cognitive functioning and increases risk for schizophrenia in six Han Chinese samples. <i>Molecular Psychiatry</i> , 2016, 21, 975-982.	4.1	23
88	Characterization of a Novel Mutation in SLC1A1 Associated with Schizophrenia. <i>Molecular Neuropsychiatry</i> , 2015, 1, 125-144.	3.0	22
89	The <i>de novo</i> autism spectrum disorder RELN R2290C mutation reduces Reelin secretion and increases protein disulfide isomerase expression. <i>Journal of Neurochemistry</i> , 2017, 142, 89-102.	2.1	21
90	Contrast sensitivity to spatial gratings in moderate and dim light conditions in patients with diabetes in the absence of diabetic retinopathy. <i>BMJ Open Diabetes Research and Care</i> , 2017, 5, e000408.	1.2	21

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91	Parent Perspectives Towards Genetic and Epigenetic Testing for Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2020, 50, 3114-3125.	1.7	21
92	Distance running alters peripheral microRNAs implicated in metabolism, fluid balance, and myosin regulation in a sex-specific manner. <i>Physiological Genomics</i> , 2018, 50, 658-667.	1.0	20
93	Autism-related behavioral phenotypes in an inbred rat substrain. <i>Behavioural Brain Research</i> , 2014, 269, 103-114.	1.2	19
94	Thrombospondin-1 differentially regulates microRNAs in vascular smooth muscle cells. <i>Molecular and Cellular Biochemistry</i> , 2016, 412, 111-117.	1.4	19
95	Differential Expression of <i>SLC9A9</i> and Interacting Molecules in the Hippocampus of Rat Models for Attention Deficit/Hyperactivity Disorder. <i>Developmental Neuroscience</i> , 2012, 34, 218-227.	1.0	18
96	Transcriptome-wide gene expression in a rat model of attention deficit hyperactivity disorder symptoms: Rats developmentally exposed to polychlorinated biphenyls. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2011, 156, 898-912.	1.1	17
97	Epstein-Barr Virus Genetic Variation in Lymphoblastoid Cell Lines Derived from Kenyan Pediatric Population. <i>PLoS ONE</i> , 2015, 10, e0125420.	1.1	17
98	The Human Genome: Gene Expression Profiling and Schizophrenia. <i>American Journal of Psychiatry</i> , 2001, 158, 1384-1384.	4.0	16
99	Saliva RNA biomarkers predict concussion duration and detect symptom recovery: a comparison with balance and cognitive testing. <i>Journal of Neurology</i> , 2021, 268, 4349-4361.	1.8	16
100	SHIP1 Deficiency in Inflammatory Bowel Disease Is Associated With Severe Crohn's Disease and Peripheral T Cell Reduction. <i>Frontiers in Immunology</i> , 2018, 9, 1100.	2.2	15
101	Analysis of SHIP1 expression and activity in Crohn's disease patients. <i>PLoS ONE</i> , 2017, 12, e0182308.	1.1	14
102	Effect of lesion proximity on the regenerative response of long descending propriospinal neurons after spinal transection injury. <i>BMC Neuroscience</i> , 2019, 20, 10.	0.8	14
103	Differential expression of miRNAs in acute myeloid leukemia quantified by Nextgen sequencing of whole blood samples. <i>PLoS ONE</i> , 2019, 14, e0213078.	1.1	13
104	Saliva microRNA Biomarkers of Cumulative Concussion. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7758.	1.8	13
105	Coupling freedom from disease principles and early warning from wastewater surveillance to improve health security. , 2022, 1, .		13
106	Genetic overlap of schizophrenia and bipolar disorder in a high-density linkage survey in the Portuguese Island population. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2012, 159B, 383-391.	1.1	12
107	Trajectory of change in brain complement factors from neonatal to young adult humans. <i>Journal of Neurochemistry</i> , 2021, 157, 479-493.	2.1	12
108	High Sensitivity and Specificity of Dormitory-Level Wastewater Surveillance for COVID-19 during Fall Semester 2020 at Syracuse University, New York. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4851.	1.2	12

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109	Genetic linkage of bipolar disorder to chromosome 6q22 is a consistent finding in Portuguese subpopulations and may generalize to broader populations. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2005, 134B, 119-121.	1.1	11
110	Evaluation of cell proliferation, apoptosis, and dna-repair genes as potential biomarkers for ethanol-induced cns alterations. <i>BMC Neuroscience</i> , 2012, 13, 128.	0.8	11
111	Reduced Slc1a1 expression is associated with neuroinflammation and impaired sensorimotor gating and cognitive performance in mice: Implications for schizophrenia. <i>PLoS ONE</i> , 2017, 12, e0183854.	1.1	11
112	Evidence-based use of scalable biomarkers to increase diagnostic efficiency and decrease the lifetime costs of autism. <i>Autism Research</i> , 2021, 14, 1271-1283.	2.1	11
113	Heterogeneity of p53 dependent genomic responses following ethanol exposure in a developmental mouse model of fetal alcohol spectrum disorder. <i>PLoS ONE</i> , 2017, 12, e0180873.	1.1	11
114	Connective Tissue Growth Factor and Insulin-Like Growth Factor 2 Show Upregulation in Early Growth Plate Radiorecovery Response following Irradiation. <i>Cells Tissues Organs</i> , 2007, 186, 192-203.	1.3	10
115	Microarray Cluster Analysis of Irradiated Growth Plate Zones Following Laser Microdissection. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 74, 949-956.	0.4	10
116	Identification of Stage-Specific Gene Modulation during Early Thymocyte Development by Whole-Genome Profiling Analysis after Aryl Hydrocarbon Receptor Activation. <i>Molecular Pharmacology</i> , 2010, 77, 773-783.	1.0	10
117	Accuracy of self-reported medical problems in patients with alcohol dependence and co-occurring schizophrenia or schizoaffective disorder. <i>Schizophrenia Research</i> , 2011, 132, 190-193.	1.1	10
118	Reviewer selection biases editorial decisions on manuscripts. <i>Journal of Neurochemistry</i> , 2018, 146, 21-46.	2.1	10
119	An Adaptive Multivariate Two-Sample Test With Application to Microbiome Differential Abundance Analysis. <i>Frontiers in Genetics</i> , 2019, 10, 350.	1.1	10
120	Gene expression profiling reveals a lingering effect of prenatal alcohol exposure on inflammatory-related genes during adolescence and adulthood. <i>Cytokine</i> , 2020, 133, 155126.	1.4	10
121	Cyclosporine Inhibition of Angiogenesis Involves the Transcription Factor HESR1. <i>Journal of Surgical Research</i> , 2008, 149, 171-176.	0.8	8
122	The effects of strain and prenatal nicotine exposure on ethanol consumption by adolescent male and female rats. <i>Behavioural Brain Research</i> , 2010, 210, 147-154.	1.2	8
123	Cortical-amygdala volumetric ratios predict onset of symptoms of psychosis in 22q11.2 deletion syndrome. <i>Psychiatry Research - Neuroimaging</i> , 2017, 259, 10-15.	0.9	8
124	Delineating Novel Signature Patterns of Altered Gene Expression in Schizophrenia Using Gene Microarrays. <i>Scientific World Journal</i> , The, 2001, 1, 114-116.	0.8	7
125	Transcriptional profiling of depolarization-dependent phenotypic alterations in primary cultures of developing granule neurons. <i>Brain Research</i> , 2006, 1119, 13-25.	1.1	7
126	Crizotinib induces apoptosis and gene expression changes in ALK+ anaplastic large cell lymphoma cell lines; brentuximab synergizes and doxorubicin antagonizes. <i>Pediatric Blood and Cancer</i> , 2018, 65, e27094.	0.8	7

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127	Depolarization and Ca ²⁺ downregulate CB1 receptors and CB1-mediated signaling in cerebellar granule neurons. <i>Neuropharmacology</i> , 2006, 50, 651-660.	2.0	6
128	Cytosolic adaptation to mitochondria-induced proteostatic stress causes progressive muscle wasting. <i>IScience</i> , 2022, 25, 103715.	1.9	6
129	Familial transmission of schizophrenia in Palau: A 20-year genetic epidemiological study in three generations. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2011, 156, 247-254.	1.1	5
130	Characterizing runs of homozygosity and their impact on risk for psychosis in a population isolate. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2014, 165, 521-530.	1.1	5
131	Longitudinal stability of salivary microRNA biomarkers in children and adolescents with autism spectrum disorder. <i>Research in Autism Spectrum Disorders</i> , 2021, 85, 101788.	0.8	5
132	Saliva RNA Biomarkers of Gastrointestinal Dysfunction in Children With Autism and Neurodevelopmental Disorders: Potential Implications for Precision Medicine. <i>Frontiers in Psychiatry</i> , 2021, 12, 824933.	1.3	4
133	Growth Plate Zonal Microarray Analysis Shows Upregulation of Extracellular Matrix Genes and Downregulation of Metalloproteinases and Cathepsins following Irradiation. <i>Calcified Tissue International</i> , 2007, 81, 26-38.	1.5	3
134	Oxytocin receptor gene (OXTR) links to marital quality via social support behavior and perceived partner responsiveness.. <i>Journal of Family Psychology</i> , 2019, 33, 44-53.	1.0	3
135	ISDN2014_0414: Effects of developmental ethanol exposures in wildtype and p53-null mice on transcriptional and epigenetic regulation of DNA damage repair, cell cycle, cell fate and cell death processes. <i>International Journal of Developmental Neuroscience</i> , 2015, 47, 124-125.	0.7	2
136	P-176 SHIP1 Deficiency in Human IBD. <i>Inflammatory Bowel Diseases</i> , 2016, 22, S63.	0.9	2
137	Analysis of Shared Haplotypes amongst Palauans Maps Loci for Psychotic Disorders to 4q28 and 5q23-q31. <i>Molecular Neuropsychiatry</i> , 2016, 2, 173-184.	3.0	2
138	Alcohol Intake and Apoptosis: A Review and Examination of Molecular Mechanisms in the Central Nervous System. , 2016, , 45-61.		1
139	A role for genes in the "caregiver stress process"? <i>Translational Psychiatry</i> , 2018, 8, 228.	2.4	1
140	Micro RNAs in Acute Myeloid Leukemia. <i>Blood</i> , 2016, 128, 5252-5252.	0.6	1
141	Regulating the availability of transforming growth factor β 1 in B104 neuroblastoma cells. <i>Experimental Neurology</i> , 2010, 225, 123-132.	2.0	0
142	Thrombospondin-1 Differentially Regulates MicroRNAs in Vascular Smooth Muscle Cells. <i>Journal of Vascular Surgery</i> , 2012, 56, 1481.	0.6	0
143	P-177 Altered SHIP1-Protein Degradation in a Subset of IBD Patients. <i>Inflammatory Bowel Diseases</i> , 2016, 22, S63.	0.9	0
144	167. Changes in Frontothalamic Connectivity are Associated With Prodromal Psychosis in Young Adults With 22q11.2 Deletion Syndrome. <i>Schizophrenia Bulletin</i> , 2017, 43, S85-S85.	2.3	0

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145	COMBINED ANALYSIS OF THE ORAL MICROBIOME AND MICROTRANSCRIPTOME OF AUTISM SPECTRUM DISORDER. <i>European Neuropsychopharmacology</i> , 2019, 29, S961-S962.	0.3	0
146	Bipolar Disorder in the Era of Genomic Psychiatry. , 2009, , 1299-1311.		0