Frank A Middleton

List of Publications by Year
in descending order

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146 papers	19,181 citations	41344 49 h-index	11939 134 g-index
151 all docs	151 docs citations	151 times ranked	27013 citing authors

#	Article	IF	Citations
1	Cytosolic adaptation to mitochondria-induced proteostatic stress causes progressive muscle wasting. IScience, 2022, 25, 103715.	4.1	6
2	Coupling freedom from disease principles and early warning from wastewater surveillance to improve health security. , 2022, 1, .		13
3	High Sensitivity and Specificity of Dormitory-Level Wastewater Surveillance for COVID-19 during Fall Semester 2020 at Syracuse University, New York. International Journal of Environmental Research and Public Health, 2022, 19, 4851.	2.6	12
4	Trajectory of change in brain complement factors from neonatal to young adult humans. Journal of Neurochemistry, 2021, 157, 479-493.	3.9	12
5	Evidenceâ€based use of scalable biomarkers to increase diagnostic efficiency and decrease the lifetime costs of autism. Autism Research, 2021, 14, 1271-1283.	3.8	11
6	Co-quantification of crAssphage increases confidence in wastewater-based epidemiology for SARS-CoV-2 in low prevalence areas. Water Research X, 2021, 11, 100100.	6.1	90
7	Saliva RNA biomarkers predict concussion duration and detect symptom recovery: a comparison with balance and cognitive testing. Journal of Neurology, 2021, 268, 4349-4361.	3.6	16
8	Longitudinal stability of salivary microRNA biomarkers in children and adolescents with autism spectrum disorder. Research in Autism Spectrum Disorders, 2021, 85, 101788.	1.5	5
9	Saliva RNA Biomarkers of Gastrointestinal Dysfunction in Children With Autism and Neurodevelopmental Disorders: Potential Implications for Precision Medicine. Frontiers in Psychiatry, 2021, 12, 824933.	2.6	4
10	Saliva MicroRNA Differentiates Children With Autism From Peers With Typical and Atypical Development. Journal of the American Academy of Child and Adolescent Psychiatry, 2020, 59, 296-308.	0.5	56
11	Parent Perspectives Towards Genetic and Epigenetic Testing for Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 2020, 50, 3114-3125.	2.7	21
12	Diagnosing mild traumatic brain injury using saliva RNA compared to cognitive and balance testing. Clinical and Translational Medicine, 2020, 10, e197.	4.0	30
13	Saliva microRNA Biomarkers of Cumulative Concussion. International Journal of Molecular Sciences, 2020, 21, 7758.	4.1	13
14	Gene expression profiling reveals a lingering effect of prenatal alcohol exposure on inflammatory-related genes during adolescence and adulthood. Cytokine, 2020, 133, 155126.	3.2	10
15	The oral microbiome of early stage Parkinsonâ€™s disease and its relationship with functional measures of motor and non-motor function. PLoS ONE, 2019, 14, e0218252.	2.5	63
16	An Adaptive Multivariate Two-Sample Test With Application to Microbiome Differential Abundance Analysis. Frontiers in Genetics, 2019, 10, 350.	2.3	10
17	COMBINED ANALYSIS OF THE ORAL MICROBIOME AND MICROTRANSCRIPTOME OF AUTISM SPECTRUM DISORDER. European Neuropsychopharmacology, 2019, 29, S961-S962.	0.7	0
18	Effect of lesion proximity on the regenerative response of long descending propriospinal neurons after spinal transection injury. BMC Neuroscience, 2019, 20, 10.	1.9	14

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19	Differential expression of miRNAs in acute myeloid leukemia quantified by Nextgen sequencing of whole blood samples. PLoS ONE, 2019, 14, e0213078.	2.5	13
20	Mitochondrial carrier protein overloading and misfolding induce aggresomes and proteostatic adaptations in the cytosol. Molecular Biology of the Cell, 2019, 30, 1272-1284.	2.1	30
21	The Transcriptional Signature of a Runnerâ€™s High. Medicine and Science in Sports and Exercise, 2019, 51, 970-978.	0.4	30
22	Comparison of serum and saliva miRNAs for identification and characterization of mTBI in adult mixed martial arts fighters. PLoS ONE, 2019, 14, e0207785.	2.5	47
23	Oxytocin receptor gene (OXTR) links to marital quality via social support behavior and perceived partner responsiveness.. Journal of Family Psychology, 2019, 33, 44-53.	1.3	3
24	Reviewer selection biases editorial decisions on manuscripts. Journal of Neurochemistry, 2018, 146, 21-46.	3.9	10
25	Crizotinib induces apoptosis and gene expression changes in ALK+ anaplastic large cell lymphoma cell lines; brentuximab synergizes and doxorubicin antagonizes. Pediatric Blood and Cancer, 2018, 65, e27094.	1.5	7
26	Validation of a Salivary RNA Test for Childhood Autism Spectrum Disorder. Frontiers in Genetics, 2018, 9, 534.	2.3	42
27	A role for genes in the â€˜caregiver stress processâ€™?. Translational Psychiatry, 2018, 8, 228.	4.8	1
28	Distance running alters peripheral microRNAs implicated in metabolism, fluid balance, and myosin regulation in a sex-specific manner. Physiological Genomics, 2018, 50, 658-667.	2.3	20
29	SHIP1 Deficiency in Inflammatory Bowel Disease Is Associated With Severe Crohnâ€™s Disease and Peripheral T Cell Reduction. Frontiers in Immunology, 2018, 9, 1100.	4.8	15
30	Oral microbiome activity in children with autism spectrum disorder. Autism Research, 2018, 11, 1286-1299.	3.8	49
31	Diurnal oscillations in human salivary microRNA and microbial transcription: Implications for human health and disease. PLoS ONE, 2018, 13, e0198288.	2.5	27
32	Associations between neurodevelopmental genes, neuroanatomy, and ultra high risk symptoms of psychosis in 22q11.2 deletion syndrome. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2017, 174, 295-314.	1.7	25
33	The de novo autism spectrum disorder <scp>RELN</scp> R2290C mutation reduces Reelin secretion and increases protein disulfide isomerase expression. Journal of Neurochemistry, 2017, 142, 89-102.	3.9	21
34	Cortical-amygdala volumetric ratios predict onset of symptoms of psychosis in 22q11.2 deletion syndrome. Psychiatry Research - Neuroimaging, 2017, 259, 10-15.	1.8	8
35	Contrast sensitivity to spatial gratings in moderate and dim light conditions in patients with diabetes in the absence of diabetic retinopathy. BMJ Open Diabetes Research and Care, 2017, 5, e000408.	2.8	21
36	167. Changes in Frontothalamic Connectivity are Associated With Prodromal Psychosis in Young Adults With 22q11.2 Deletion Syndrome. Schizophrenia Bulletin, 2017, 43, S85-S85.	4.3	0

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37	Analysis of SHIP1 expression and activity in Crohnâ€™s disease patients. PLoS ONE, 2017, 12, e0182308.	2.5	14
38	Reduced Slc1a1 expression is associated with neuroinflammation and impaired sensorimotor gating and cognitive performance in mice: Implications for schizophrenia. PLoS ONE, 2017, 12, e0183854.	2.5	11
39	Heterogeneity of p53 dependent genomic responses following ethanol exposure in a developmental mouse model of fetal alcohol spectrum disorder. PLoS ONE, 2017, 12, e0180873.	2.5	11
40	Alcohol Intake and Apoptosis: A Review and Examination of Molecular Mechanisms in the Central Nervous System. , 2016, , 45-61.		1
41	A Comparative Review of microRNA Expression Patterns in Autism Spectrum Disorder. Frontiers in Psychiatry, 2016, 7, 176.	2.6	98
42	P-176â€ƒSHIP1 Deficiency in Human IBD. Inflammatory Bowel Diseases, 2016, 22, S63.	1.9	2
43	Salivary miRNA profiles identify children with autism spectrum disorder, correlate with adaptive behavior, and implicate ASD candidate genes involved in neurodevelopment. BMC Pediatrics, 2016, 16, 52.	1.7	107
44	P-177â€ƒAltered SHIP1-Protein Degradation in a Subset of IBD Patients. Inflammatory Bowel Diseases, 2016, 22, S63.	1.9	0
45	Analysis of Shared Haplotypes amongst Palauans Maps Loci for Psychotic Disorders to 4q28 and 5q23-q31. Molecular Neuropsychiatry, 2016, 2, 173-184.	2.9	2
46	Thrombospondin-1 differentially regulates microRNAs in vascular smooth muscle cells. Molecular and Cellular Biochemistry, 2016, 412, 111-117.	3.1	19
47	A splicing-regulatory polymorphism in DRD2 disrupts ZRANB2 binding, impairs cognitive functioning and increases risk for schizophrenia in six Han Chinese samples. Molecular Psychiatry, 2016, 21, 975-982.	7.9	23
48	Micro RNAs in Acute Myeloid Leukemia. Blood, 2016, 128, 5252-5252.	1.4	1
49	Characterization of a Novel Mutation in <i>SLC1A1 </i>Associated with Schizophrenia. Molecular Neuropsychiatry, 2015, 1, 125-144.	2.9	22
50	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. BMC Neuroscience, 2015, 16, 55.	1.9	40
51	ISDN2014_0414: Effects of developmental ethanol exposures in wildtype and p53â€null mice on transcriptional and epigenetic regulation of DNA damage repair, cell cycle, cell fate and cell death processes. International Journal of Developmental Neuroscience, 2015, 47, 124-125.	1.6	2
52	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. Schizophrenia Research, 2015, 161, 76-84.	2.0	38
53	Epsteinâ€“Barr Virus Genetic Variation in Lymphoblastoid Cell Lines Derived from Kenyan Pediatric Population. PLoS ONE, 2015, 10, e0125420.	2.5	17
54	Effects of Acute Prenatal Exposure to Ethanol on microRNA Expression are Ameliorated by Social Enrichment. Frontiers in Pediatrics, 2014, 2, 103.	1.9	50

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55	HRES-1/Rab4-mediated depletion of Drp1 impairs mitochondrial homeostasis and represents a target for treatment in SLE. Annals of the Rheumatic Diseases, 2014, 73, 1888-1897.	0.9	131
56	Characterizing runs of homozygosity and their impact on risk for psychosis in a population isolate. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2014, 165, 521-530.	1.7	5
57	Association between autism spectrum disorder in individuals with velocardiofacial (22q11.2 deletion) syndrome and PRODH and COMT genotypes. Psychiatric Genetics, 2014, 24, 269-272.	1.1	28
58	Autism-related behavioral phenotypes in an inbred rat substrain. Behavioural Brain Research, 2014, 269, 103-114.	2.2	19
59	White matter abnormalities in 22q11.2 deletion syndrome: Preliminary associations with the Nogo-66 receptor gene and symptoms of psychosis. Schizophrenia Research, 2014, 152, 117-123.	2.0	44
60	Genetic architecture of Wistar-Kyoto rat and spontaneously hypertensive rat substrains from different sources. Physiological Genomics, 2013, 45, 528-538.	2.3	58
61	Deletion at the SLC1A1 glutamate transporter gene coâ€segregates with schizophrenia and bipolar schizoaffective disorder in a 5â€generation family. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2013, 162, 87-95.	1.7	36
62	Functional and biochemical characterization of soleus muscle in Down syndrome mice: insight into the muscle dysfunction seen in the human condition. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 303, R1251-R1260.	1.8	26
63	Investigating the Contribution of Common Genetic Variants to the Risk and Pathogenesis of ADHD. American Journal of Psychiatry, 2012, 169, 186-194.	7.2	174
64	Genome-Wide Analysis of Copy Number Variants in Attention Deficit Hyperactivity Disorder: The Role of Rare Variants and Duplications at 15q13.3. American Journal of Psychiatry, 2012, 169, 195-204.	7.2	242
65	Differential Expression of <i>SLC9A9</i> and Interacting Molecules in the Hippocampus of Rat Models for Attention Deficit/Hyperactivity Disorder. Developmental Neuroscience, 2012, 34, 218-227.	2.0	18
66	Molecular Substrates of Social Avoidance Seen following Prenatal Ethanol Exposure and Its Reversal by Social Enrichment. Developmental Neuroscience, 2012, 34, 115-128.	2.0	43
67	Transcriptomic analysis of postmortem brain identifies dysregulated splicing events in novel candidate genes for schizophrenia. Schizophrenia Research, 2012, 142, 188-199.	2.0	28
68	Evaluation of cell proliferation, apoptosis, and dna-repair genes as potential biomarkers for ethanol-induced cns alterations. BMC Neuroscience, 2012, 13, 128.	1.9	11
69	Hierarchical clustering of gene expression patterns in the Eomesâ€‰+â€‰lineage of excitatory neurons during early neocortical development. BMC Neuroscience, 2012, 13, 90.	1.9	23
70	Genome-wide copy number variation study associates metabotropic glutamate receptor gene networks with attention deficit hyperactivity disorder. Nature Genetics, 2012, 44, 78-84.	21.4	334
71	Thrombospondin-1 Differentially Regulates MicroRNAs in Vascular Smooth Muscle Cells. Journal of Vascular Surgery, 2012, 56, 1481.	1.1	0
72	Genetic overlap of schizophrenia and bipolar disorder in a highâ€density linkage survey in the Portuguese Island population. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2012, 159B, 383-391.	1.7	12

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73	Increased promoter methylation of the immune regulatory gene SHP-1 in leukocytes of multiple sclerosis subjects. Journal of Neuroimmunology, 2012, 246, 51-57.	2.3	59
74	Copy Number Variants for Schizophrenia and Related Psychotic Disorders in Oceanic Palau: Risk and Transmission in Extended Pedigrees. Biological Psychiatry, 2011, 70, 1115-1121.	1.3	28
75	Accuracy of self-reported medical problems in patients with alcohol dependence and co-occurring schizophrenia or schizoaffective disorder. Schizophrenia Research, 2011, 132, 190-193.	2.0	10
76	Genome-wide association study of blood pressure response to methylphenidate treatment of attention-deficit/hyperactivity disorder. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2011, 35, 466-472.	4.8	24
77	Familial transmission of schizophrenia in Palau: A 20â€year genetic epidemiological study in three generations. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2011, 156, 247-254.	1.7	5
78	SLC9A9 mutations, gene expression, and proteinâ€“protein interactions in rat models of attentionâ€deficit/hyperactivity disorder. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2011, 156, 835-843.	1.7	32
79	Transcriptomeâ€wide gene expression in a rat model of attention deficit hyperactivity disorder symptoms: Rats developmentally exposed to polychlorinated biphenyls. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2011, 156, 898-912.	1.7	17
80	Long descending cervical propriospinal neurons differ from thoracic propriospinal neurons in response to low thoracic spinal injury. BMC Neuroscience, 2010, 11, 148.	1.9	33
81	Ethanolâ€induced methylation of cell cycle genes in neural stem cells. Journal of Neurochemistry, 2010, 114, 1767-1780.	3.9	75
82	Identification of Stage-Specific Gene Modulation during Early Thymocyte Development by Whole-Genome Profiling Analysis after Aryl Hydrocarbon Receptor Activation. Molecular Pharmacology, 2010, 77, 773-783.	2.3	10
83	Meta-Analysis of Genome-Wide Association Studies of Attention-Deficit/Hyperactivity Disorder. Journal of the American Academy of Child and Adolescent Psychiatry, 2010, 49, 884-897.	0.5	423
84	Case-Control Genome-Wide Association Study of Attention-Deficit/Hyperactivity Disorder. Journal of the American Academy of Child and Adolescent Psychiatry, 2010, 49, 906-920.	0.5	150
85	Thrombospondin-1: A proatherosclerotic protein augmented by hyperglycemia. Journal of Vascular Surgery, 2010, 51, 1238-1247.	1.1	34
86	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. NeuroImage, 2010, 53, 1043-1050.	4.2	29
87	The effects of strain and prenatal nicotine exposure on ethanol consumption by adolescent male and female rats. Behavioural Brain Research, 2010, 210, 147-154.	2.2	8
88	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. Neuroscience, 2010, 167, 1183-1191.	2.3	67
89	PGC-1 Î±, A Potential Therapeutic Target for Early Intervention in Parkinsonâ€™s Disease. Science Translational Medicine, 2010, 2, 52ra73.	12.4	691
90	Regulating the availability of transforming growth factor Î²1 in B104 neuroblastoma cells. Experimental Neurology, 2010, 225, 123-132.	4.1	0

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91	Activation of Mammalian Target of Rapamycin Controls the Loss of TCRÎ¶ in Lupus T Cells through HRES-1/Rab4-Regulated Lysosomal Degradation. Journal of Immunology, 2009, 182, 2063-2073.	0.8	221
92	Gestational ethanol exposure alters the behavioral response to ethanol odor and the expression of neurotransmission genes in the olfactory bulb of adolescent rats. Brain Research, 2009, 1252, 105-116.	2.2	27
93	Common polygenic variation contributes to risk of schizophrenia and bipolar disorder. Nature, 2009, 460, 748-752.	27.8	4,345
94	Microarray Cluster Analysis of Irradiated Growth Plate Zones Following Laser Microdissection. International Journal of Radiation Oncology Biology Physics, 2009, 74, 949-956.	0.8	10
95	The spontaneously hypertensive rat model of ADHD â€“ The importance of selecting the appropriate reference strain. Neuropharmacology, 2009, 57, 619-626.	4.1	176
96	Prevention of hepatocarcinogenesis and increased susceptibility to acetaminophen-induced liver failure in transaldolase-deficient mice by N-acetylcysteine. Journal of Clinical Investigation, 2009, 119, 1546-1557.	8.2	80
97	Bipolar Disorder in the Era of Genomic Psychiatry. , 2009, , 1299-1311.		0
98	Haplotypes of the HRESâ€1 endogenous retrovirus are associated with development and disease manifestations of systemic lupus erythematosus. Arthritis and Rheumatism, 2008, 58, 532-540.	6.7	48
99	Genomeâ€wide association study of response to methylphenidate in 187 children with attentionâ€deficit/hyperactivity disorder. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2008, 147B, 1412-1418.	1.7	95
100	A comparison of molecular alterations in environmental and genetic rat models of ADHD: A pilot study. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2008, 147B, 1554-1563.	1.7	65
101	Genomic investigation of Î±â€synuclein multiplication and parkinsonism. Annals of Neurology, 2008, 63, 743-750.	5.3	316
102	Rare chromosomal deletions and duplications increase risk of schizophrenia. Nature, 2008, 455, 237-241.	27.8	1,387
103	Weight regain after Roux-en-Y: A significant 20% complication related to PYY. Nutrition, 2008, 24, 832-842.	2.4	115
104	Behavioral and genetic evidence for a novel animal model of Attention-Deficit/Hyperactivity Disorder Predominantly Inattentive Subtype. Behavioral and Brain Functions, 2008, 4, 56.	3.3	57
105	Cyclosporine Inhibition of Angiogenesis Involves the Transcription Factor HESR1. Journal of Surgical Research, 2008, 149, 171-176.	1.6	8
106	Microarray analysis of perichondral and reserve growth plate zones identifies differential gene expressions and signal pathways. Bone, 2008, 43, 511-520.	2.9	35
107	Transaldolase deficiency influences the pentose phosphate pathway, mitochondrial homoeostasis and apoptosis signal processing. Biochemical Journal, 2008, 415, 123-134.	3.7	46
108	Loss of Vacuolar Proton-translocating ATPase Activity in Yeast Results in Chronic Oxidative Stress*. Journal of Biological Chemistry, 2007, 282, 7125-7136.	3.4	94

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109	Characterization of weight loss and weight regain mechanisms after Roux-en-Y gastric bypass in rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 293, R1474-R1489.	1.8	66
110	Connective Tissue Growth Factor and Insulin-Like Growth Factor 2 Show Upregulation in Early Growth Plate Radiorecovery Response following Irradiation. Cells Tissues Organs, 2007, 186, 192-203.	2.3	10
111	Environmental risk factors for attentionâ€deficit hyperactivity disorder. Acta Paediatrica, International Journal of Paediatrics, 2007, 96, 1269-1274.	1.5	441
112	Growth Plate Zonal Microarray Analysis Shows Upregulation of Extracellular Matrix Genes and Downregulation of Metalloproteinases and Cathepsins following Irradiation. Calcified Tissue International, 2007, 81, 26-38.	3.1	3
113	Depolarization and Ca2+ downregulate CB1 receptors and CB1-mediated signaling in cerebellar granule neurons. Neuropharmacology, 2006, 50, 651-660.	4.1	6
114	Transforming growth factor beta1 and ethanol affect transcription and translation of genes and proteins for cell adhesion molecules in B104 neuroblastoma cells. Journal of Neurochemistry, 2006, 97, 1182-1190.	3.9	33
115	Transcriptional profiling of depolarization-dependent phenotypic alterations in primary cultures of developing granule neurons. Brain Research, 2006, 1119, 13-25.	2.2	7
116	Complete maternal uniparental isodisomy of chromosome 4 in a subject with major depressive disorder detected by high density SNP genotyping arrays. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2006, 141B, 28-32.	1.7	27
117	Isolation and Confirmation of a Calcium Excretion Quantitative Trait Locus on Chromosome 1 in Genetic Hypercalciuric Stone-Forming Congenic Rats. Journal of the American Society of Nephrology: JASN, 2006, 17, 1292-1304.	6.1	36
118	Transaldolase is essential for maintenance of the mitochondrial transmembrane potential and fertility of spermatozoa. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 14813-14818.	7.1	70
119	Hormone-response Genes Are Direct in Vivo Regulatory Targets of Brahma (SWI/SNF) Complex Function. Journal of Biological Chemistry, 2006, 281, 35305-35315.	3.4	44
120	Altered Expression of 14-3-3 Genes in the Prefrontal Cortex of Subjects with Schizophrenia. Neuropsychopharmacology, 2005, 30, 974-983.	5.4	75
121	Genetic linkage of bipolar disorder to chromosome 6q22 is a consistent finding in Portuguese subpopulations and may generalize to broader populations. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2005, 134B, 119-121.	1.7	11
122	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. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2005, 136B, 12-25.	1.7	103
123	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. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2005, 137B, 5-16.	1.7	220
124	Gene expression profiles of intact and regenerating zebrafish retina. Molecular Vision, 2005, 11, 775-91.	1.1	75
125	Gene expression profiles post Roux-en-Y gastric bypass. Surgery, 2004, 136, 246-252.	1.9	34
126	Application of genomic technologies:. Nutrition, 2004, 20, 14-25.	2.4	40

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127	Effects of omega-3 fatty acid supplementation on tumor-bearing rats. Journal of the American College of Surgeons, 2004, 199, 716-723.	0.5	37
128	Heat shock protein 12A shows reduced expression in the prefrontal cortex of subjects with schizophrenia. Biological Psychiatry, 2004, 56, 943-950.	1.3	39
129	Microarray analysis of proliferative and hypertrophic growth plate zones identifies differentiation markers and signal pathways. Bone, 2004, 35, 1273-1293.	2.9	88
130	A HOX Gene Mutation in a Family with Isolated Congenital Vertical Talus and Charcot-Marie-Tooth Disease. American Journal of Human Genetics, 2004, 75, 92-96.	6.2	66
131	Is obesity an inflammatory disease?. Surgery, 2003, 134, 329-335.	1.9	138
132	Basal-ganglia 'Projections' to the Prefrontal Cortex of the Primate. Cerebral Cortex, 2002, 12, 926-935.	2.9	392
133	Association and linkage analyses of RGS4 polymorphisms in schizophrenia. Human Molecular Genetics, 2002, 11, 1373-1380.	2.9	318
134	Gene Expression Profiling Reveals Alterations of Specific Metabolic Pathways in Schizophrenia. Journal of Neuroscience, 2002, 22, 2718-2729.	3.6	414
135	Gene expression profiling with DNA microarrays: advancing our understanding of psychiatric disorders. Neurochemical Research, 2002, 27, 1049-1063.	3.3	102
136	Analysis of complex brain disorders with gene expression microarrays: schizophrenia as a disease of the synapse. Trends in Neurosciences, 2001, 24, 479-486.	8.6	383
137	Delineating Novel Signature Patterns of Altered Gene Expression in Schizophrenia Using Gene Microarrays. Scientific World Journal, The, 2001, 1, 114-116.	2.1	7
138	The Human Genome: Gene Expression Profiling and Schizophrenia. American Journal of Psychiatry, 2001, 158, 1384-1384.	7.2	16
139	Cerebellar Projections to the Prefrontal Cortex of the Primate. Journal of Neuroscience, 2001, 21, 700-712.	3.6	894
140	Basal Ganglia Output and Cognition: Evidence from Anatomical, Behavioral, and Clinical Studies. Brain and Cognition, 2000, 42, 183-200.	1.8	589
141	Basal ganglia and cerebellar loops: motor and cognitive circuits. Brain Research Reviews, 2000, 31, 236-250.	9.0	1,677
142	Molecular Characterization of Schizophrenia Viewed by Microarray Analysis of Gene Expression in Prefrontal Cortex. Neuron, 2000, 28, 53-67.	8.1	861
143	Cerebellar output: motor and cognitive channels. Trends in Cognitive Sciences, 1998, 2, 348-354.	7.8	193
144	The cerebellum: an overview. Trends in Cognitive Sciences, 1998, 2, 305-306.	7.8	44

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145	Cerebellar Output Channels. International Review of Neurobiology, 1997, 41, 61-82.	2.0	218
146	Chapter 32 Dentate output channels: motor and cognitive components. Progress in Brain Research, 1997, 114, 553-566.	1.4	138