

Murray Cairns

List of Publications by Year in descending order

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Version: 2024-02-01

160
papers

16,012
citations

50276

46
h-index

22166

113
g-index

198
all docs

198
docs citations

198
times ranked

25899
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex-Dependent Shared and Nonshared Genetic Architecture Across Mood and Psychotic Disorders. <i>Biological Psychiatry</i> , 2022, 91, 102-117.	1.3	61
2	Interaction Testing and Polygenic Risk Scoring to Estimate the Association of Common Genetic Variants With Treatment Resistance in Schizophrenia. <i>JAMA Psychiatry</i> , 2022, 79, 260.	11.0	44
3	Cell type-specific manifestations of cortical thickness heterogeneity in schizophrenia. <i>Molecular Psychiatry</i> , 2022, 27, 2052-2060.	7.9	29
4	Mapping genomic loci implicates genes and synaptic biology in schizophrenia. <i>Nature</i> , 2022, 604, 502-508.	27.8	929
5	Genetic estimates of correlation and causality between blood-based biomarkers and psychiatric disorders. <i>Science Advances</i> , 2022, 8, eabj8969.	10.3	37
6	RNA-Seq, Bioinformatic Identification of Potential MicroRNA-like Small RNAs in the Edible Mushroom <i>Agaricus bisporus</i> and Experimental Approach for Their Validation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4923.	4.1	5
7	Variation in cardiovascular disease risk factors among older adults in the Hunter Community Study cohort: A comparison of diet quality versus polygenic risk score. <i>Journal of Human Nutrition and Dietetics</i> , 2022, 35, 675-688.	2.5	4
8	Perceptions of causal attribution and attitudes to genetic testing among people with schizophrenia and their first-degree relatives. <i>European Journal of Human Genetics</i> , 2022, , .	2.8	1
9	Developmental vitamin D-deficiency increases the expression of microRNAs involved in dopamine neuron development. <i>Brain Research</i> , 2022, 1789, 147953.	2.2	6
10	The genetic architecture of pneumonia susceptibility implicates mucin biology and a relationship with psychiatric illness. <i>Nature Communications</i> , 2022, 13, .	12.8	7
11	Interactive effects of polygenic risk and cognitive subtype on brain morphology in schizophrenia spectrum and bipolar disorders. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2022, 272, 1205-1218.	3.2	3
12	Investigation of glycaemic traits in psychiatric disorders using Mendelian randomisation revealed a causal relationship with anorexia nervosa. <i>Neuropsychopharmacology</i> , 2021, 46, 1093-1102.	5.4	20
13	The MIR137 VNTR rs58335419 Is Associated With Cognitive Impairment in Schizophrenia and Altered Cortical Morphology. <i>Schizophrenia Bulletin</i> , 2021, 47, 495-504.	4.3	9
14	Genetic association and causal inference converge on hyperglycaemia as a modifiable factor to improve lung function. <i>ELife</i> , 2021, 10, .	6.0	14
15	Dysregulation of circRNA expression in the peripheral blood of individuals with schizophrenia and bipolar disorder. <i>Journal of Molecular Medicine</i> , 2021, 99, 981-991.	3.9	18
16	Advancing the use of genome-wide association studies for drug repurposing. <i>Nature Reviews Genetics</i> , 2021, 22, 658-671.	16.3	102
17	MicroRNAs and the Response to Stress. , 2021, , 27-36.		0
18	Polygenic disruption of retinoid signalling in schizophrenia and a severe cognitive deficit subtype. <i>Molecular Psychiatry</i> , 2020, 25, 719-731.	7.9	33

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19	Transcriptomic abnormalities in peripheral blood in bipolar disorder, and discrimination of the major psychoses. <i>Schizophrenia Research</i> , 2020, 217, 124-135.	2.0	18
20	The role of the retinoids in schizophrenia: genomic and clinical perspectives. <i>Molecular Psychiatry</i> , 2020, 25, 706-718.	7.9	35
21	Wnt receptor gene FZD1 was associated with schizophrenia in genome-wide SNP analysis of the Australian Schizophrenia Research Bank cohort. <i>Australian and New Zealand Journal of Psychiatry</i> , 2020, 54, 902-908.	2.3	9
22	Depolarization-Associated CircRNA Regulate Neural Gene Expression and in Some Cases May Function as Templates for Translation. <i>Cells</i> , 2020, 9, 25.	4.1	32
23	Transcriptome-Wide Analysis of Interplay between mRNA Stability, Translation and Small RNAs in Response to Neuronal Membrane Depolarization. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7086.	4.1	3
24	Epigenomic Dysregulation in Schizophrenia: In Search of Disease Etiology and Biomarkers. <i>Cells</i> , 2020, 9, 1837.	4.1	55
25	Oxidative Stress Impact on the Transcriptome of Differentiating Neuroblastoma Cells: Implication for Psychiatric Disorders. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9182.	4.1	2
26	Pairwise common variant meta-analyses of schizophrenia with other psychiatric disorders reveals shared and distinct gene and gene-set associations. <i>Translational Psychiatry</i> , 2020, 10, 134.	4.8	37
27	Increased power by harmonizing structural MRI site differences with the ComBat batch adjustment method in ENIGMA. <i>NeuroImage</i> , 2020, 218, 116956.	4.2	135
28	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	12.6	450
29	The Medical Genome Reference Bank contains whole genome and phenotype data of 2570 healthy elderly. <i>Nature Communications</i> , 2020, 11, 435.	12.8	47
30	Pharmacological enrichment of polygenic risk for precision medicine in complex disorders. <i>Scientific Reports</i> , 2020, 10, 879.	3.3	33
31	Derivation of poly-methylomic profile scores for schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 101, 109925.	4.8	12
32	Characterising the Transcriptional and Translational Impact of the Schizophrenia-Associated miR-1271-5p in Neuronal Cells. <i>Cells</i> , 2020, 9, 1014.	4.1	5
33	Tetraspanin CD9 is Regulated by miR-518f-5p and Functions in Breast Cell Migration and In Vivo Tumor Growth. <i>Cancers</i> , 2020, 12, 795.	3.7	11
34	SU65IMAGING GENETICS IN PSYCHOSIS STUDY: EPIGENETIC AGE ACCELERATION, TRAUMA, AND PSYCHOSIS OUTCOMES. <i>European Neuropsychopharmacology</i> , 2019, 29, S1302.	0.7	0
35	Small RNA regulators of social behaviour in eutherian mammals. <i>EMBO Reports</i> , 2019, 20, .	4.5	0
36	The maternal immune activation model uncovers a role for the Arx gene in GABAergic dysfunction in schizophrenia. <i>Brain, Behavior, and Immunity</i> , 2019, 81, 161-171.	4.1	26

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37	Novel Implications For RNA In Psychiatric Genetics. <i>European Neuropsychopharmacology</i> , 2019, 29, S719-S720.	0.7	0
38	Alteration of miRNA-mRNA interactions in lymphocytes of individuals with schizophrenia. <i>Journal of Psychiatric Research</i> , 2019, 112, 89-98.	3.1	15
39	Genomic Determinants Of miRNA Dysregulation In Schizophrenia. <i>European Neuropsychopharmacology</i> , 2019, 29, S721-S722.	0.7	0
40	Circular RNAs are temporospatially regulated throughout development and ageing in the rat. <i>Scientific Reports</i> , 2019, 9, 2564.	3.3	74
41	Circular RNA biogenesis is decreased in postmortem cortical gray matter in schizophrenia and may alter the bioavailability of associated miRNA. <i>Neuropsychopharmacology</i> , 2019, 44, 1043-1054.	5.4	55
42	Schizophrenia-associated MicroRNA-Gene Interactions in the Dorsolateral Prefrontal Cortex. <i>Genomics, Proteomics and Bioinformatics</i> , 2019, 17, 623-634.	6.9	23
43	M90 ASSOCIATIONS BETWEEN DNA METHYLATION PATTERNS AND CLINICAL STATUS ARE MODERATED BY POLYGENIC RISK FOR SCHIZOPHRENIA. <i>European Neuropsychopharmacology</i> , 2019, 29, S214-S215.	0.7	0
44	Super-enhancers in transcriptional regulation and genome organization. <i>Nucleic Acids Research</i> , 2019, 47, 11481-11496.	14.5	85
45	M81 INVESTIGATING THE FUNCTIONAL SIGNIFICANCE OF THE SCHIZOPHRENIA-ASSOCIATED DYSREGULATION OF MIR-1271-5P EXPRESSION. <i>European Neuropsychopharmacology</i> , 2019, 29, S210-S211.	0.7	0
46	Temporospatial guidance of activity-dependent gene expression by microRNA: mechanisms and functional implications for neural plasticity. <i>Nucleic Acids Research</i> , 2019, 47, 533-545.	14.5	21
47	Reply to: New Meta- and Mega-analyses of Magnetic Resonance Imaging Findings in Schizophrenia: Do They Really Increase Our Knowledge About the Nature of the Disease Process?. <i>Biological Psychiatry</i> , 2019, 85, e35-e39.	1.3	5
48	Differential effect of disease-associated ST8SIA2 haplotype on cerebral white matter diffusion properties in schizophrenia and healthy controls. <i>Translational Psychiatry</i> , 2018, 8, 21.	4.8	9
49	Common variation in ZNF804A (rs1344706) is not associated with brain morphometry in schizophrenia or healthy participants. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 82, 12-20.	4.8	4
50	Temporally specific <scp>miRNA</scp> expression patterns in the dorsal and ventral striatum of addiction-prone rats. <i>Addiction Biology</i> , 2018, 23, 631-642.	2.6	34
51	F193. DYSREGULATION OF RETINOID SIGNALLING IN SCHIZOPHRENIA OBSERVED IN WHOLE GENOME SEQUENCE ANALYSIS. <i>Schizophrenia Bulletin</i> , 2018, 44, S296-S296.	4.3	0
52	Cortical Brain Abnormalities in 4474 Individuals With Schizophrenia and 5098 Control Subjects via the Enhancing Neuro Imaging Genetics Through Meta Analysis (ENIGMA) Consortium. <i>Biological Psychiatry</i> , 2018, 84, 644-654.	1.3	627
53	S194. INVESTIGATING PERIPHERAL MICRORNA-MRNA INTERACTIONS IN SCHIZOPHRENIA. <i>Schizophrenia Bulletin</i> , 2018, 44, S400-S401.	4.3	2
54	Analysis of shared heritability in common disorders of the brain. <i>Science</i> , 2018, 360, .	12.6	1,085

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55	S188. DYSREGULATION OF CIRCULAR RNA EXPRESSION IN SCHIZOPHRENIA OBSERVED IN POSTMORTEM DORSOLATERAL PREFRONTAL CORTEX. <i>Schizophrenia Bulletin</i> , 2018, 44, S398-S398.	4.3	0
56	Genomic Dissection of Bipolar Disorder and Schizophrenia, Including 28 Subphenotypes. <i>Cell</i> , 2018, 173, 1705-1715.e16.	28.9	623
57	miR-518f-5p decreases tetraspanin CD9 protein levels and differentially affects non-tumourigenic prostate and prostate cancer cell migration and adhesion. <i>Oncotarget</i> , 2018, 9, 1980-1991.	1.8	7
58	Contribution of copy number variants to schizophrenia from a genome-wide study of 41,321 subjects. <i>Nature Genetics</i> , 2017, 49, 27-35.	21.4	838
59	MiR-137: an important player in neural development and neoplastic transformation. <i>Molecular Psychiatry</i> , 2017, 22, 44-55.	7.9	152
60	Post-Transcriptional Mechanisms of Neuronal Translational Control in Synaptic Plasticity. , 2017, , .		1
61	miRNA Enriched in Human Neuroblast Nuclei Bind the MAZ Transcription Factor and Their Precursors Contain the MAZ Consensus Motif. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 259.	2.9	4
62	Small RNA Dysregulation in Neurocognitive and Neuropsychiatric Disorders. , 2017, , 225-245.		1
63	Inhibition of extracellular matrix mediated TGF- β 2 signalling suppresses endometrial cancer metastasis. <i>Oncotarget</i> , 2017, 8, 71400-71417.	1.8	21
64	Noncoding RNA Regulation of Dopamine Signaling in Diseases of the Central Nervous System. <i>Frontiers in Molecular Biosciences</i> , 2016, 3, 69.	3.5	14
65	Altered neural signaling and immune pathways in peripheral blood mononuclear cells of schizophrenia patients with cognitive impairment: A transcriptome analysis. <i>Brain, Behavior, and Immunity</i> , 2016, 53, 194-206.	4.1	30
66	Transcriptome-wide mega-analyses reveal joint dysregulation of immunologic genes and transcription regulators in brain and blood in schizophrenia. <i>Schizophrenia Research</i> , 2016, 176, 114-124.	2.0	74
67	MicroRNA: Small RNA mediators of the brains genomic response to environmental stress. <i>Progress in Neurobiology</i> , 2016, 143, 61-81.	5.7	102
68	Regulation of the tumour suppressor PDCD4 by miR-499 and miR-21 in oropharyngeal cancers. <i>BMC Cancer</i> , 2016, 16, 86.	2.6	51
69	Developmental suppression of schizophrenia-associated miR-137 alters sensorimotor function in zebrafish. <i>Translational Psychiatry</i> , 2016, 6, e818-e818.	4.8	20
70	Alteration of transcriptional networks in the entorhinal cortex after maternal immune activation and adolescent cannabinoid exposure. <i>Brain, Behavior, and Immunity</i> , 2016, 56, 187-196.	4.1	24
71	Evidence for Genetic Overlap Between Schizophrenia and Age at First Birth in Women. <i>JAMA Psychiatry</i> , 2016, 73, 497.	11.0	51
72	Germ cell-specific sustained activation of Wnt signalling perturbs spermatogenesis in aged mice, possibly through non-coding RNAs. <i>Oncotarget</i> , 2016, 7, 85709-85727.	1.8	8

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73	Protocol for High-Throughput miRNA Profiling of the Rat Brain. <i>Neuromethods</i> , 2016, , 209-241.	0.3	0
74	Proteotranscriptomic Profiling of 231-BR Breast Cancer Cells: Identification of Potential Biomarkers and Therapeutic Targets for Brain Metastasis. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 2316-2330.	3.8	59
75	MicroRNA and Posttranscriptional Dysregulation in Psychiatry. <i>Biological Psychiatry</i> , 2015, 78, 231-239.	1.3	153
76	LD Score regression distinguishes confounding from polygenicity in genome-wide association studies. <i>Nature Genetics</i> , 2015, 47, 291-295.	21.4	3,905
77	Do common genotypes of FK506 binding protein 5 (FKBP5) moderate the effects of childhood maltreatment on cognition in schizophrenia and healthy controls?. <i>Journal of Psychiatric Research</i> , 2015, 70, 9-17.	3.1	26
78	Distinct miRNA expression in dorsal striatal subregions is associated with risk for addiction in rats. <i>Translational Psychiatry</i> , 2015, 5, e503-e503.	4.8	31
79	Optimal consistency in microRNA expression analysis using reference-gene-based normalization. <i>Molecular BioSystems</i> , 2015, 11, 1235-1240.	2.9	22
80	CX3CR1 is dysregulated in blood and brain from schizophrenia patients. <i>Schizophrenia Research</i> , 2015, 168, 434-443.	2.0	49
81	Circulating miRNA Biomarkers for Schizophrenia?. <i>American Journal of Psychiatry</i> , 2015, 172, 1059-1061.	7.2	8
82	The effect of a muscarinic receptor 1 gene variant on grey matter volume in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2015, 234, 182-187.	1.8	13
83	BDNF and the maturation of posttranscriptional regulatory networks in human SH-SY5Y neuroblast differentiation. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 325.	3.7	38
84	Alteration of imprinted Dlk1-Dio3 miRNA cluster expression in the entorhinal cortex induced by maternal immune activation and adolescent cannabinoid exposure. <i>Translational Psychiatry</i> , 2014, 4, e452-e452.	4.8	61
85	Identifying miRNAs, targets and functions. <i>Briefings in Bioinformatics</i> , 2014, 15, 1-19.	6.5	444
86	Multivariate neuroanatomical classification of cognitive subtypes in schizophrenia: A support vector machine learning approach. <i>NeuroImage: Clinical</i> , 2014, 6, 229-236.	2.7	70
87	Ontogeny of small RNA in the regulation of mammalian brain development. <i>BMC Genomics</i> , 2014, 15, 777.	2.8	22
88	Maturation of the Human Dorsolateral Prefrontal Cortex Coincides With a Dynamic Shift in MicroRNA Expression. <i>Schizophrenia Bulletin</i> , 2014, 40, 399-409.	4.3	44
89	Activity-associated miRNA are packaged in Map1b-enriched exosomes released from depolarized neurons. <i>Nucleic Acids Research</i> , 2014, 42, 9195-9208.	14.5	226
90	Poster #M102 TRANSCRIPTOME ANALYSIS REVEALS DOWN-REGULATED SIGNAL TRANSDUCTION PATHWAYS IN PERIPHERAL BLOOD MONONUCLEAR CELLS FROM SCHIZOPHRENIA PATIENTS WITH COGNITIVE IMPAIRMENT. <i>Schizophrenia Research</i> , 2014, 153, S226-S227.	2.0	0

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91	Combined analysis of exon splicing and genome wide polymorphism data predict schizophrenia risk loci. <i>Journal of Psychiatric Research</i> , 2014, 52, 44-49.	3.1	37
92	Genome-wide mRNA and miRNA analysis of peripheral blood mononuclear cells (PBMC) reveals different miRNAs regulating HIV/HCV co-infection. <i>Virology</i> , 2014, 450-451, 336-349.	2.4	35
93	Catechol-O-methyltransferase (COMT) genotype moderates the effects of childhood trauma on cognition and symptoms in schizophrenia. <i>Journal of Psychiatric Research</i> , 2014, 49, 43-50.	3.1	73
94	Dynamic structural remodelling of microglia in health and disease: A review of the models, the signals and the mechanisms. <i>Brain, Behavior, and Immunity</i> , 2014, 37, 1-14.	4.1	193
95	Antipsychotic drug-associated gene-miRNA interaction in T-lymphocytes. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 929-943.	2.1	22
96	SeqGSEA: a Bioconductor package for gene set enrichment analysis of RNA-Seq data integrating differential expression and splicing. <i>Bioinformatics</i> , 2014, 30, 1777-1779.	4.1	62
97	Preliminary evidence of an interaction between the FOXP2 gene and childhood emotional abuse predicting likelihood of auditory verbal hallucinations in schizophrenia. <i>Journal of Psychiatric Research</i> , 2014, 50, 66-72.	3.1	33
98	Regulation of gene expression by microRNA in HCV infection and HCV-mediated hepatocellular carcinoma. <i>Virology Journal</i> , 2014, 11, 64.	3.4	43
99	Understanding Complex Transcriptome Dynamics in Schizophrenia and Other Neurological Diseases Using RNA Sequencing. <i>International Review of Neurobiology</i> , 2014, 116, 127-152.	2.0	5
100	The long non-coding RNA Gomafu is acutely regulated in response to neuronal activation and involved in schizophrenia-associated alternative splicing. <i>Molecular Psychiatry</i> , 2014, 19, 486-494.	7.9	356
101	Chemosensitization of Solid Tumors by Inhibition of Bcl-xL Expression Using DNAzyme. <i>Oncotarget</i> , 2014, 5, 9039-9048.	1.8	16
102	Abstract 4364: Posttranscriptional regulation of tetraspanins CD151 & CD9 in breast & prostate cancers. , 2014, , .		0
103	Gene-microRNA interactions associated with antipsychotic mechanisms and the metabolic side effects of olanzapine. <i>Psychopharmacology</i> , 2013, 227, 67-78.	3.1	39
104	Gene set enrichment analysis of RNA-Seq data: integrating differential expression and splicing. <i>BMC Bioinformatics</i> , 2013, 14, S16.	2.6	43
105	Discovering Functional microRNA-mRNA Regulatory Modules in Heterogeneous Data. <i>Advances in Experimental Medicine and Biology</i> , 2013, 774, 267-290.	1.6	2
106	Design and interpretation of microRNA-reporter gene activity. <i>Analytical Biochemistry</i> , 2013, 437, 164-171.	2.4	11
107	Context-specific microRNA function in developmental complexity. <i>Journal of Molecular Cell Biology</i> , 2013, 5, 73-84.	3.3	39
108	Gene expression analysis reveals schizophrenia-associated dysregulation of immune pathways in peripheral blood mononuclear cells. <i>Journal of Psychiatric Research</i> , 2013, 47, 425-437.	3.1	83

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109	Genome-wide supported variant MIR137 and severe negative symptoms predict membership of an impaired cognitive subtype of schizophrenia. <i>Molecular Psychiatry</i> , 2013, 18, 774-780.	7.9	129
110	Expression of NPAS3 in the Human Cortex and Evidence of Its Posttranscriptional Regulation by miR-17 During Development, With Implications for Schizophrenia. <i>Schizophrenia Bulletin</i> , 2013, 39, 396-406.	4.3	41
111	Decreased cortical muscarinic M1 receptors in schizophrenia are associated with changes in gene promoter methylation, mRNA and gene targeting microRNA. <i>Translational Psychiatry</i> , 2013, 3, e230-e230.	4.8	59
112	Advances in non-coding RNA profiling for neurological diseases. <i>Frontiers in Genetics</i> , 2013, 4, 5.	2.3	1
113	Abstract 5283: Regulation of tetraspanins CD151 and CD9 by micro-RNA in breast and prostate cancers., 2013, .		0
114	Imprinted DLK1-DIO3 region of 14q32 defines a schizophrenia-associated miRNA signature in peripheral blood mononuclear cells. <i>Molecular Psychiatry</i> , 2012, 17, 827-840.	7.9	210
115	A comparative examination of the anti-inflammatory effects of SSRI and SNRI antidepressants on LPS stimulated microglia. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 469-479.	4.1	295
116	Alternative mRNA fates identified in microRNA-associated transcriptome analysis. <i>BMC Genomics</i> , 2012, 13, 561.	2.8	22
117	Poster #102 COMT GENOTYPE MODULATES THE EFFECTS OF CHILDHOOD ADVERSITY ON COGNITION AND SYMPTOMS IN SCHIZOPHRENIA. <i>Schizophrenia Research</i> , 2012, 136, S222.	2.0	0
118	Poster #113 COMT MODULATES THE EFFECTS OF LIFETIME CANNABIS USE ON COGNITION AND SYMPTOM PROFILES IN SCHIZOPHRENIA. <i>Schizophrenia Research</i> , 2012, 136, S226.	2.0	0
119	Poster #114 GENOME-WIDE SUPPORTED VARIANTS (MIR137) PREDICTS MEMBERSHIP OF A COGNITIVE SUBTYPE OF SCHIZOPHRENIA. <i>Schizophrenia Research</i> , 2012, 136, S226.	2.0	0
120	A parallel genome-wide mRNA and microRNA profiling of the frontal cortex of HIV patients with and without HIV-associated dementia shows the role of axon guidance and downstream pathways in HIV-mediated neurodegeneration. <i>BMC Genomics</i> , 2012, 13, 677.	2.8	36
121	MicroRNA-16 Is Down-Regulated in Mutated FLT3 Expressing Murine Myeloid FDC-P1 Cells and Interacts with Pim-1. <i>PLoS ONE</i> , 2012, 7, e44546.	2.5	18
122	MicroRNA dysregulation in schizophrenia. <i>Neurobiology of Disease</i> , 2012, 46, 263-271.	4.4	180
123	Post-Transcriptional Trafficking and Regulation of Neuronal Gene Expression. <i>Molecular Neurobiology</i> , 2012, 45, 99-108.	4.0	62
124	Transcriptome Sequencing Revealed Significant Alteration of Cortical Promoter Usage and Splicing in Schizophrenia. <i>PLoS ONE</i> , 2012, 7, e36351.	2.5	89
125	Upregulation of Dicer and MicroRNA Expression in the Dorsolateral Prefrontal Cortex Brodmann Area 46 in Schizophrenia. <i>Biological Psychiatry</i> , 2011, 69, 180-187.	1.3	236
126	Recent Patents in Antiviral siRNAs. <i>Recent Patents on Anti-infective Drug Discovery</i> , 2010, 5, 44-57.	0.8	4

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127	Substituted 9-aminoacridine-4-carboxamides tethered to platinum(II)diamine complexes: Chemistry, cytotoxicity and DNA sequence selectivity. <i>Journal of Inorganic Biochemistry</i> , 2010, 104, 815-819.	3.5	12
128	Schizophrenia is associated with an increase in cortical microRNA biogenesis. <i>Molecular Psychiatry</i> , 2010, 15, 1176-1189.	7.9	396
129	Broad-spectrum and virus-specific nucleic acid-based antivirals against influenza. <i>Frontiers in Bioscience - Scholar</i> , 2010, S2, 791-800.	2.1	13
130	REGULATION OF PSYCHOSIS GENE NPAS3 BY MICRORNA DURING POSTNATAL DEVELOPMENT AND IN SCHIZOPHRENIA. <i>Schizophrenia Research</i> , 2010, 117, 490-491.	2.0	0
131	MicroRNAs miR-17 and miR-20a Inhibit T Cell Activation Genes and Are Under-Expressed in MS Whole Blood. <i>PLoS ONE</i> , 2010, 5, e12132.	2.5	225
132	Primer fabrication using polymerase mediated oligonucleotide synthesis. <i>BMC Genomics</i> , 2009, 10, 344.	2.8	1
133	Down-regulation of miR-17 family expression in response to retinoic acid induced neuronal differentiation. <i>Cellular Signalling</i> , 2009, 21, 1837-1845.	3.6	98
134	Alterations in miRNA processing and expression in pleomorphic adenomas of the salivary gland. <i>International Journal of Cancer</i> , 2009, 124, 2855-2863.	5.1	87
135	The DNA sequence selectivity of maltolato-containing cisplatin analogues in purified plasmid DNA and in intact human cells. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 1151-1155.	3.5	10
136	RNA Modulators of Complex Phenotypes in Mammalian Cells. <i>PLoS ONE</i> , 2009, 4, e4758.	2.5	5
137	Dysregulation of miRNA 181b in the temporal cortex in schizophrenia. <i>Human Molecular Genetics</i> , 2008, 17, 1156-1168.	2.9	312
138	Small Interfering RNAs and their Therapeutic Applications in Mitigation of Virus Replication and Pathological Effects in the Respiratory Tract. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2008, 7, 116-121.	1.1	1
139	Brothers in Arms. <i>American Journal of Pathology</i> , 2007, 171, 1079-1088.	3.8	113
140	Nucleic Acid Sequence Analysis Using DNazymes. , 2004, 252, 291-302.		2
141	Target-Site Selection for the 10â€³ DNzyme<X>. , 2004, 252, 267-278.		10
142	Homogeneous real-time detection and quantification of nucleic acid amplification using restriction enzyme digestion. <i>Biochemical and Biophysical Research Communications</i> , 2004, 318, 684-690.	2.1	4
143	Expressing functional siRNAs in mammalian cells using convergent transcription. <i>BMC Biotechnology</i> , 2003, 3, 21.	3.3	48
144	E6AP gene suppression and characterization with in vitro selected hammerhead ribozymes. <i>Cancer Gene Therapy</i> , 2003, 10, 707-716.	4.6	21

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145	Optimisation of the 10-23 DNAzyme-substrate pairing interactions enhanced RNA cleavage activity at purine-cytosine target sites. <i>Nucleic Acids Research</i> , 2003, 31, 2883-2889.	14.5	117
146	Catalytic DNA: A Novel Tool for Gene Suppression. <i>Current Drug Targets</i> , 2002, 3, 269-79.	2.1	40
147	Nucleic acid mutation analysis using catalytic DNA. <i>Nucleic Acids Research</i> , 2000, 28, 9e-9.	14.5	27
148	The Influence of Arm Length Asymmetry and Base Substitution on the Activity of the 10-23 DNA Enzyme. <i>Oligonucleotides</i> , 2000, 10, 323-332.	4.3	34
149	Catalytic nucleic acids: from lab to applications. <i>Pharmacological Reviews</i> , 2000, 52, 325-47.	16.0	81
150	Suppression of Smooth Muscle Cell Proliferation by a c-myc RNA-cleaving Deoxyribozyme. <i>Journal of Biological Chemistry</i> , 1999, 274, 17236-17241.	3.4	92
151	Target site selection for an RNA-cleaving catalytic DNA. <i>Nature Biotechnology</i> , 1999, 17, 480-486.	17.5	147
152	Protein-DNA footprinting of the human β -globin promoter in human intact cells using nitrogen mustard analogues and other DNA-damaging agents. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1999, 1445, 245-256.	2.4	8
153	The DNA sequence specificity of hedamycin damage determined by ligation-mediated PCR and linear amplification. <i>IUBMB Life</i> , 1998, 46, 267-275.	3.4	6
154	Detection of Protein-DNA Interactions at β^2 -Globin Gene Cluster in Intact Human Cells Utilizing Hedamycin as DNA-Damaging Agent. <i>DNA and Cell Biology</i> , 1998, 17, 325-333.	1.9	11
155	Protein-DNA interactions in the human beta-globin locus control region hypersensitive site-2 as revealed by four nitrogen mustards. <i>Nucleic Acids Research</i> , 1997, 25, 3255-3260.	14.5	13
156	Influence of Chromatin Structure on Bleomycin-DNA Interactions at Base Pair Resolution in the Human β^2 -Globin Gene Cluster. <i>Biochemistry</i> , 1996, 35, 8753-8760.	2.5	36
157	Comparison of the sequence specificity of cis-diamminedichloroplatinum (II) damage in guanine- and 7-deazaguanine-containing DNA. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1994, 1218, 315-321.	2.4	5
158	Dideoxy genomic sequencing of a single-copy mammalian gene using more than two hundred cycles of linear amplification. <i>BioTechniques</i> , 1994, 17, 910-4.	1.8	1
159	Detection of polymorphisms using thermal cycling with a single oligonucleotide on a DNA sequencing gel. <i>Human Mutation</i> , 1993, 2, 118-122.	2.5	1
160	Quantitation and three-dimensional reconstruction of Ch4 nucleus in the human basal forebrain. <i>Synapse</i> , 1993, 15, 1-16.	1.2	45