

Claes Wahlestedt

List of Publications by Year in descending order

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Version: 2024-02-01

233
papers

24,171
citations

8181

76
h-index

7745

150
g-index

250
all docs

250
docs citations

250
times ranked

29814
citing authors

#	ARTICLE	IF	CITATIONS
1	Expression of a noncoding RNA is elevated in Alzheimer's disease and drives rapid feed-forward regulation of β -secretase. <i>Nature Medicine</i> , 2008, 14, 723-730.	30.7	1,252
2	Genome-wide analysis of mammalian promoter architecture and evolution. <i>Nature Genetics</i> , 2006, 38, 626-635.	21.4	1,201
3	Embryonic stem cells develop into functional dopaminergic neurons after transplantation in a Parkinson rat model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 2344-2349.	7.1	1,126
4	The Landscape of long noncoding RNA classification. <i>Trends in Genetics</i> , 2015, 31, 239-251.	6.7	942
5	Regulatory roles of natural antisense transcripts. <i>Nature Reviews Molecular Cell Biology</i> , 2009, 10, 637-643.	37.0	671
6	Myogenic gene expression signature establishes that brown and white adipocytes originate from distinct cell lineages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 4401-4406.	7.1	637
7	Evidence for different pre- and post-junctional receptors for neuropeptide Y and related peptides. <i>Regulatory Peptides</i> , 1986, 13, 307-318.	1.9	610
8	Inhibition of natural antisense transcripts in vivo results in gene-specific transcriptional upregulation. <i>Nature Biotechnology</i> , 2012, 30, 453-459.	17.5	575
9	Locked nucleic acid (LNA) mediated improvements in siRNA stability and functionality. <i>Nucleic Acids Research</i> , 2005, 33, 439-447.	14.5	472
10	Targeting long non-coding RNA to therapeutically upregulate gene expression. <i>Nature Reviews Drug Discovery</i> , 2013, 12, 433-446.	46.4	460
11	Evidence for natural antisense transcript-mediated inhibition of microRNA function. <i>Genome Biology</i> , 2010, 11, R56.	8.8	444
12	Non-coding RNAs as direct and indirect modulators of epigenetic regulation. <i>Epigenetics</i> , 2014, 9, 3-12.	2.7	428
13	Altering the course of schizophrenia: progress and perspectives. <i>Nature Reviews Drug Discovery</i> , 2016, 15, 485-515.	46.4	410
14	The transcriptional network that controls growth arrest and differentiation in a human myeloid leukemia cell line. <i>Nature Genetics</i> , 2009, 41, 553-562.	21.4	408
15	The Reality of Pervasive Transcription. <i>PLoS Biology</i> , 2011, 9, e1000625.	5.6	380
16	Neuropeptide Y potentiates the effect of various vasoconstrictor agents on rabbit blood vessels. <i>British Journal of Pharmacology</i> , 1984, 83, 519-525.	5.4	377
17	Striatal microRNA controls cocaine intake through CREB signalling. <i>Nature</i> , 2010, 466, 197-202.	27.8	356
18	Using molecular classification to predict gains in maximal aerobic capacity following endurance exercise training in humans. <i>Journal of Applied Physiology</i> , 2010, 108, 1487-1496.	2.5	296

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19	Complex Loci in Human and Mouse Genomes. <i>PLoS Genetics</i> , 2006, 2, e47.	3.5	290
20	Neuropeptide Y (NPY) in the area of the hypothalamic paraventricular nucleus activates the pituitary-adrenocortical axis in the rat. <i>Brain Research</i> , 1987, 417, 33-38.	2.2	284
21	Emerging treatment strategies for glioblastoma multiforme. <i>EMBO Molecular Medicine</i> , 2014, 6, 1359-1370.	6.9	280
22	MicroRNA-132 dysregulation in schizophrenia has implications for both neurodevelopment and adult brain function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3125-3130.	7.1	277
23	Basic biology and therapeutic implications of lncRNA. <i>Advanced Drug Delivery Reviews</i> , 2015, 87, 15-24.	13.7	272
24	Antisense oligonucleotide strategies in neuropharmacology. <i>Trends in Pharmacological Sciences</i> , 1994, 15, 42-46.	8.7	265
25	MicroRNA-219 modulates NMDA receptor-mediated neurobehavioral dysfunction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 3507-3512.	7.1	265
26	Regulation of chromatin structure by long noncoding RNAs: focus on natural antisense transcripts. <i>Trends in Genetics</i> , 2012, 28, 389-396.	6.7	263
27	A small molecule enhances RNA interference and promotes microRNA processing. <i>Nature Biotechnology</i> , 2008, 26, 933-940.	17.5	230
28	Integration of microRNA changes in vivo identifies novel molecular features of muscle insulin resistance in type 2 diabetes. <i>Genome Medicine</i> , 2010, 2, 9.	8.2	225
29	Neuropeptide Y Receptor Subtypes, Y1 and Y2. <i>Annals of the New York Academy of Sciences</i> , 1990, 611, 7-26.	3.8	223
30	Platelets activated during myocardial infarction release functional miRNA, which can be taken up by endothelial cells and regulate ICAM1 expression. <i>Blood</i> , 2013, 121, 3908-3917.	1.4	219
31	Serum long noncoding RNA HOTAIR as a novel diagnostic and prognostic biomarker in glioblastoma multiforme. <i>Molecular Cancer</i> , 2018, 17, 74.	19.2	213
32	Therapeutic potential of neuropeptide Y (NPY) receptor ligands. <i>EMBO Molecular Medicine</i> , 2010, 2, 429-439.	6.9	212
33	A systematic analysis of the silencing effects of an active siRNA at all single-nucleotide mismatched target sites. <i>Nucleic Acids Research</i> , 2005, 33, 1671-1677.	14.5	205
34	Personalized medicine in psychiatry: problems and promises. <i>BMC Medicine</i> , 2013, 11, 132.	5.5	192
35	Regulation of the Apolipoprotein Gene Cluster by a Long Noncoding RNA. <i>Cell Reports</i> , 2014, 6, 222-230.	6.4	188
36	The Bromodomain protein BRD4 controls HOTAIR, a long noncoding RNA essential for glioblastoma proliferation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 8326-8331.	7.1	186

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37	MicroRNA dysregulation in psychiatric disease. <i>Brain Research</i> , 2010, 1338, 89-99.	2.2	184
38	Specific inhibition of endogenous neuropeptide Y synthesis in arcuate nucleus by antisense oligonucleotides suppresses feeding behavior and insulin secretion. <i>Molecular Brain Research</i> , 1994, 21, 55-61.	2.3	176
39	Decreased cerebrospinal fluid neuropeptide Y (NPY) in patients with treatment refractory unipolar major depression: preliminary evidence for association with preproNPY gene polymorphism. <i>Journal of Psychiatric Research</i> , 2004, 38, 113-121.	3.1	161
40	A Novel RNA Transcript with Antiapoptotic Function Is Silenced in Fragile X Syndrome. <i>PLoS ONE</i> , 2008, 3, e1486.	2.5	159
41	Identification of cultured cells selectively expressing Y1-, Y2-, or Y3-type receptors for neuropeptide Y/peptide YY. <i>Life Sciences</i> , 1992, 50, PL7-PL12.	4.3	158
42	Inhibition of HDAC3 reverses Alzheimer's disease-related pathologies in vitro and in the 3xTg-AD mouse model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11148-E11157.	7.1	140
43	Oligonucleotide therapies for disorders of the nervous system. <i>Nature Biotechnology</i> , 2017, 35, 249-263.	17.5	139
44	Gain of function of ASXL1 truncating protein in the pathogenesis of myeloid malignancies. <i>Blood</i> , 2018, 131, 328-341.	1.4	133
45	Amygdala-Dependent Fear Is Regulated by <i>Oprl1</i> in Mice and Humans with PTSD. <i>Science Translational Medicine</i> , 2013, 5, 188ra73.	12.4	132
46	Improved and automated prediction of effective siRNA. <i>Biochemical and Biophysical Research Communications</i> , 2004, 319, 264-274.	2.1	129
47	Calcitonin gene-related peptide in the eye: release by sensory nerve stimulation and effects associated with neurogenic inflammation. <i>Regulatory Peptides</i> , 1986, 16, 107-115.	1.9	128
48	Human muscle gene expression responses to endurance training provide a novel perspective on Duchenne muscular dystrophy. <i>FASEB Journal</i> , 2005, 19, 750-760.	0.5	128
49	Histone deacetylases (HDACs) and brain function. <i>Neuroepigenetics</i> , 2015, 1, 20-27.	2.8	128
50	Identification of a cancer stem cell-specific function for the histone deacetylases, HDAC1 and HDAC7, in breast and ovarian cancer. <i>Oncogene</i> , 2017, 36, 1707-1720.	5.9	126
51	The human PINK1 locus is regulated in vivo by a non-coding natural antisense RNA during modulation of mitochondrial function. <i>BMC Genomics</i> , 2007, 8, 74.	2.8	125
52	Defective HNF4alpha-dependent gene expression as a driver of hepatocellular failure in alcoholic hepatitis. <i>Nature Communications</i> , 2019, 10, 3126.	12.8	124
53	BET bromodomain proteins are required for glioblastoma cell proliferation. <i>Epigenetics</i> , 2014, 9, 611-620.	2.7	123
54	Upregulation of Haploinsufficient Gene Expression in the Brain by Targeting a Long Non-coding RNA Improves Seizure Phenotype in a Model of Dravet Syndrome. <i>EBioMedicine</i> , 2016, 9, 257-277.	6.1	116

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55	Characterization of vascular neuropeptide Y receptors. <i>British Journal of Pharmacology</i> , 1992, 105, 45-50.	5.4	115
56	Electroconvulsive shocks increase the concentration of neocortical and hippocampal neuropeptide Y (NPY)-like immunoreactivity in the rat. <i>Brain Research</i> , 1990, 507, 65-68.	2.2	112
57	Mitogenic effect of neuropeptide Y in rat vascular smooth muscle cells. <i>Peptides</i> , 1993, 14, 263-268.	2.4	112
58	Knockdown of BACE1-AS Nonprotein-Coding Transcript Modulates Beta-Amyloid-Related Hippocampal Neurogenesis. <i>International Journal of Alzheimer's Disease</i> , 2011, 2011, 1-11.	2.0	112
59	shinyheatmap: Ultra fast low memory heatmap web interface for big data genomics. <i>PLoS ONE</i> , 2017, 12, e0176334.	2.5	112
60	Small GTP-Binding Protein Rac Is an Essential Mediator of Vascular Endothelial Growth Factor-Induced Endothelial Fenestrations and Vascular Permeability. <i>Circulation</i> , 2003, 107, 1532-1538.	1.6	110
61	Natural antisense transcripts. <i>Human Molecular Genetics</i> , 2014, 23, R54-R63.	2.9	110
62	Natural antisense and noncoding RNA transcripts as potential drug targets. <i>Drug Discovery Today</i> , 2006, 11, 503-508.	6.4	108
63	Intronic RNAs constitute the major fraction of the non-coding RNA in mammalian cells. <i>BMC Genomics</i> , 2012, 13, 504.	2.8	106
64	Neuropeptide Y (NPY)-induced suppression of activity in the rat: evidence for NPY receptor heterogeneity and for interaction with $\hat{1}\pm$ -adrenoceptors. <i>European Journal of Pharmacology</i> , 1988, 157, 205-213.	3.5	103
65	The BET Bromodomain Inhibitor I-BET151 Acts Downstream of Smoothed Protein to Abrogate the Growth of Hedgehog Protein-driven Cancers. <i>Journal of Biological Chemistry</i> , 2014, 289, 35494-35502.	3.4	102
66	Comprehensive analysis of the transcriptional landscape of the human FMR1 gene reveals two new long noncoding RNAs differentially expressed in Fragile X syndrome and Fragile X-associated tremor/ataxia syndrome. <i>Human Genetics</i> , 2014, 133, 59-67.	3.8	96
67	Noncoding RNAs: couplers of analog and digital information in nervous system function?. <i>Trends in Neurosciences</i> , 2007, 30, 612-621.	8.6	94
68	Involvement of long noncoding RNAs in diseases affecting the central nervous system. <i>RNA Biology</i> , 2012, 9, 860-870.	3.1	93
69	Involvement of Trp-284, Val-296, and Val-297 of the Human $\hat{1}$ -Opioid Receptor in Binding of $\hat{1}$ -Selective Ligands. <i>Journal of Biological Chemistry</i> , 1996, 271, 18789-18796.	3.4	90
70	HuD Regulates Coding and Noncoding RNA to Induce APP $\hat{1}$ ' \hat{A} $\hat{2}$ Processing. <i>Cell Reports</i> , 2014, 7, 1401-1409.	6.4	90
71	A proposed bovine neuropeptide Y (NPY) receptor cDNA clone, or its human homologue, confers neither NPY binding sites nor NPY responsiveness on transfected cells. <i>Regulatory Peptides</i> , 1993, 47, 247-258.	1.9	89
72	Strategies to Annotate and Characterize Long Noncoding RNAs: Advantages and Pitfalls. <i>Trends in Genetics</i> , 2018, 34, 704-721.	6.7	86

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73	Hypothalamic neuropeptide Y, its gene expression and receptor activity: relation to circulating corticosterone in adrenalectomized rats. <i>Brain Research</i> , 1994, 665, 201-212.	2.2	84
74	Receptor-selective analogs demonstrate NPY/PYY receptor heterogeneity in rat brain. <i>Neuroscience Letters</i> , 1991, 130, 32-36.	2.1	83
75	Altered regulation of the PINK1 locus: a link between type 2 diabetes and neurodegeneration?. <i>FASEB Journal</i> , 2007, 21, 3653-3665.	0.5	83
76	Screening for Small-Molecule Modulators of Long Noncoding RNA-Protein Interactions Using AlphaScreen. <i>Journal of Biomolecular Screening</i> , 2015, 20, 1132-1141.	2.6	83
77	Drug and disease signature integration identifies synergistic combinations in glioblastoma. <i>Nature Communications</i> , 2018, 9, 5315.	12.8	78
78	Neuropeptide Y (NPY) and the central nervous system: Distribution effects and possible relationship to neurological and psychiatric disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1989, 13, 31-54.	4.8	77
79	Antisense RNA Controls LRP1 Sense Transcript Expression through Interaction with a Chromatin-Associated Protein, HMGB2. <i>Cell Reports</i> , 2015, 11, 967-976.	6.4	75
80	microRNAs in CNS Disorders. <i>NeuroMolecular Medicine</i> , 2009, 11, 162-172.	3.4	73
81	Activity-induced and developmental downregulation of the Nogo receptor. <i>Cell and Tissue Research</i> , 2003, 311, 333-342.	2.9	71
82	Human neuropeptide Y signal peptide gain-of-function polymorphism is associated with increased body mass index: possible mode of function. <i>Regulatory Peptides</i> , 2005, 127, 45-53.	1.9	71
83	Vascular Effects of Proteinase-Activated Receptor 2 Agonist Peptide. <i>Journal of Vascular Research</i> , 1997, 34, 267-272.	1.4	69
84	Characterisation of an ATP receptor mediating mitogenesis in vascular smooth muscle cells. <i>European Journal of Pharmacology</i> , 1995, 289, 135-149.	2.6	68
85	Supersensitivity to substance P and physalaemin in rat salivary glands after denervation or decentralization. <i>Acta Physiologica Scandinavica</i> , 1982, 115, 437-446.	2.2	67
86	Epigenetic Readers of Lysine Acetylation Regulate Cocaine-Induced Plasticity. <i>Journal of Neuroscience</i> , 2015, 35, 15062-15072.	3.6	66
87	The BET-Bromodomain Inhibitor JQ1 Reduces Inflammation and Tau Phosphorylation at Ser396 in the Brain of the 3xTg Model of Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2016, 13, 985-995.	1.4	66
88	Expression profiling following local muscle inactivity in humans provides new perspective on diabetes-related genes. <i>Genomics</i> , 2006, 87, 165-172.	2.9	64
89	Analysis of siRNA specificity on targets with double-nucleotide mismatches. <i>Nucleic Acids Research</i> , 2008, 36, e53-e53.	14.5	63
90	The Emerging Role of Non-Coding RNAs in Drug Addiction. <i>Frontiers in Genetics</i> , 2012, 3, 106.	2.3	63

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91	A Novel Single Nucleotide Polymorphism of the Neuropeptide Y (NPY) Gene Associated With Alcohol Dependence. <i>Alcoholism: Clinical and Experimental Research</i> , 2005, 29, 702-707.	2.4	62
92	Apoptosis resistance downstream of eIF4E: posttranscriptional activation of an anti-apoptotic transcript carrying a consensus hairpin structure. <i>Nucleic Acids Research</i> , 2006, 34, 4375-4386.	14.5	61
93	Effective small interfering RNAs and phosphorothioate antisense DNAs have different preferences for target sites in the luciferase mRNAs. <i>Biochemical and Biophysical Research Communications</i> , 2003, 306, 712-717.	2.1	60
94	Cellular uptake of intracerebroventricularly administered biotin- or digoxigenin-labeled antisense oligodeoxynucleotides in the rat. <i>Cellular and Molecular Neurobiology</i> , 1994, 14, 475-486.	3.3	58
95	Pseudo-messenger RNA: Phantoms of the Transcriptome. <i>PLoS Genetics</i> , 2006, 2, e23.	3.5	58
96	Dipeptide repeat proteins inhibit homology-directed DNA double strand break repair in C9ORF72 ALS/FTD. <i>Molecular Neurodegeneration</i> , 2020, 15, 13.	10.8	58
97	Antisense Inhibition of μ -Opioid Receptor Gene Function In Vivo by Peptide Nucleic Acids. <i>Molecular Pharmacology</i> , 2000, 57, 725-731.	2.3	56
98	The novel BET-CBP/p300 dual inhibitor NEO2734 is active in SPOP mutant and wild-type prostate cancer. <i>EMBO Molecular Medicine</i> , 2019, 11, e10659.	6.9	56
99	Long-lasting inhibition of the cardiovascular responses to glutamate and the baroreceptor reflex elicited by neuropeptide Y injected into the nucleus tractus solitarius of the rat. <i>Neuroscience Letters</i> , 1991, 122, 135-139.	2.1	55
100	Behavioural analysis of melanin-concentrating hormone in rats: evidence for orexigenic and anxiolytic properties. <i>Regulatory Peptides</i> , 2003, 114, 109-114.	1.9	55
101	NotI subtraction and NotI-specific microarrays to detect copy number and methylation changes in whole genomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 10724-10729.	7.1	54
102	Epigenetic pathways and glioblastoma treatment. <i>Epigenetics</i> , 2013, 8, 785-795.	2.7	54
103	Developments in lncRNA drug discovery: where are we heading?. <i>Expert Opinion on Drug Discovery</i> , 2018, 13, 837-849.	5.0	54
104	RNA interference is not involved in natural antisense mediated regulation of gene expression in mammals. <i>Genome Biology</i> , 2006, 7, R38.	9.6	53
105	Role of Sirtuin 1 in metabolic regulation. <i>Drug Discovery Today</i> , 2010, 15, 781-791.	6.4	51
106	Quantitation of NMDA receptor (NMDAR1) mRNA levels in the adult and developing rat CNS. <i>Molecular Brain Research</i> , 1993, 19, 93-100.	2.3	50
107	HeatmapGenerator: high performance RNAseq and microarray visualization software suite to examine differential gene expression levels using an R and C++ hybrid computational pipeline. <i>Source Code for Biology and Medicine</i> , 2014, 9, 30.	1.7	50
108	M344 promotes nonamyloidogenic amyloid precursor protein processing while normalizing Alzheimer's disease genes and improving memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E9135-E9144.	7.1	50

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109	Novel "Restoration of Function" Mutagenesis Strategy to Identify Amino Acids of the μ -Opioid Receptor Involved in Ligand Binding. <i>Journal of Biological Chemistry</i> , 1997, 272, 9260-9267.	3.4	48
110	Selective and Brain Penetrant Neuropeptide Y Y2 Receptor Antagonists Discovered by Whole-Cell High-Throughput Screening. <i>Molecular Pharmacology</i> , 2010, 77, 46-57.	2.3	48
111	Enhancement of BDNF Expression and Memory by HDAC Inhibition Requires BET Bromodomain Reader Proteins. <i>Journal of Neuroscience</i> , 2019, 39, 612-626.	3.6	48
112	Dependence-induced increase of alcohol self-administration and compulsive drinking mediated by the histone methyltransferase PRDM2. <i>Molecular Psychiatry</i> , 2017, 22, 1746-1758.	7.9	47
113	A novel method using baculovirus-mediated gene transfer for production of recombinant adeno-associated virus vectors. <i>Journal of General Virology</i> , 2001, 82, 2051-2060.	2.9	42
114	RNA Interference with Chemically Modified siRNA. <i>Current Topics in Medicinal Chemistry</i> , 2006, 6, 893-900.	2.1	41
115	Epigenetic mechanisms of gene regulation during mammalian spermatogenesis. <i>Epigenetics</i> , 2008, 3, 21-27.	2.7	41
116	Vitamin C Sensitizes Melanoma to BET Inhibitors. <i>Cancer Research</i> , 2018, 78, 572-583.	0.9	41
117	Ex-vivo sensitivity profiling to guide clinical decision making in acute myeloid leukemia: A pilot study. <i>Leukemia Research</i> , 2018, 64, 34-41.	0.8	41
118	A coding and non-coding transcriptomic perspective on the genomics of human metabolic disease. <i>Nucleic Acids Research</i> , 2018, 46, 7772-7792.	14.5	41
119	A universal plasmid library encoding all permutations of small interfering RNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 2356-2361.	7.1	40
120	Transcriptomic Profiling of Extracellular RNAs Present in Cerebrospinal Fluid Identifies Differentially Expressed Transcripts in Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2016, 6, 109-117.	2.8	40
121	Reprogramming of mPFC transcriptome and function in alcohol dependence. <i>Genes, Brain and Behavior</i> , 2017, 16, 86-100.	2.2	38
122	Novel approach reveals genomic landscapes of single-strand DNA breaks with nucleotide resolution in human cells. <i>Nature Communications</i> , 2019, 10, 5799.	12.8	38
123	I-BET151 selectively regulates IL-6 production. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1549-1555.	3.8	37
124	The long non-coding RNA FMR4 promotes proliferation of human neural precursor cells and epigenetic regulation of gene expression in trans. <i>Molecular and Cellular Neurosciences</i> , 2016, 74, 49-57.	2.2	37
125	Antitumor activity of the dual BET and CBP/EP300 inhibitor NEO2734. <i>Blood Advances</i> , 2020, 4, 4124-4135.	5.2	37
126	Validating siRNA using a reporter made from synthetic DNA oligonucleotides. <i>Biochemical and Biophysical Research Communications</i> , 2004, 325, 243-249.	2.1	35

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127	RNAi Screen Indicates Widespread Biological Function for Human Natural Antisense Transcripts. PLoS ONE, 2010, 5, e13177.	2.5	35
128	Sexual Dimorphism in the 3xTg-AD Mouse Model and Its Impact on Pre-Clinical Research. Journal of Alzheimer's Disease, 2021, 80, 41-52.	2.6	35
129	GENETIC STUDY: Association between the nociceptin receptor gene (<i>OPRL1</i>) single nucleotide polymorphisms and alcohol dependence. Addiction Biology, 2008, 13, 88-94.	2.6	34
130	Modulation of vascular function by neuropeptide Y during development of hypertension in spontaneously hypertensive rats. Pediatric Nephrology, 1993, 7, 845-852.	1.7	33
131	A two-dimensional protein map ofCaenorhabditis elegans. Electrophoresis, 2001, 22, 1224-1232.	2.4	32
132	mRNA accessible site tagging (MAST): a novel high throughput method for selecting effective antisense oligonucleotides. Nucleic Acids Research, 2003, 31, 72e-72.	14.5	32
133	Complex HTR2C linkage disequilibrium and promoter associations with body mass index and serum leptin. Human Genetics, 2005, 117, 545-557.	3.8	32
134	Adult Neurogenesis: A Potential Tool for Early Diagnosis in Alzheimer's Disease?. Journal of Alzheimer's Disease, 2010, 20, 395-408.	2.6	32
135	Ischemic Preconditioning Confers Epigenetic Repression of <i>Mtor</i> and Induction of Autophagy Through G9a-Dependent H3K9 Dimethylation. Journal of the American Heart Association, 2016, 5, .	3.7	32
136	Functional annotation of the vlinc class of non-coding RNAs using systems biology approach. Nucleic Acids Research, 2016, 44, 3233-3252.	14.5	31
137	hUNC93B1: a novel human gene representing a new gene family and encoding an unc-93-like protein. Gene, 2002, 283, 209-217.	2.2	30
138	Locked nucleic acid containing antisense oligonucleotides enhance inhibition of HIV-1 genome dimerization and inhibit virus replication. FEBS Letters, 2004, 578, 285-290.	2.8	30
139	Molecular Transducers of Human Skeletal Muscle Remodeling under Different Loading States. Cell Reports, 2020, 32, 107980.	6.4	30
140	Dysregulation of the histone demethylase KDM6B in alcohol dependence is associated with epigenetic regulation of inflammatory signaling pathways. Addiction Biology, 2021, 26, e12816.	2.6	28
141	Extracellular Uridine Triphosphate and Adenosine Triphosphate Attenuate Endothelial Inflammation through miR-22-Mediated ICAM-1 Inhibition. Journal of Vascular Research, 2015, 52, 71-80.	1.4	27
142	Characterization of specific binding sites for Î±-trinositol (d-myo-inositol 1,2,6-trisphosphate) in rat tissues. European Journal of Pharmacology, 1994, 268, 55-63.	2.6	26
143	Cloning and Evaluation of the Role of Rat GALR-2, a Novel Subtype of Galanin Receptor, in the Control of Pain Perception. Annals of the New York Academy of Sciences, 1998, 863, 108-119.	3.8	26
144	Non-coding RNA transcripts: Sensors of neuronal stress, modulators of synaptic plasticity, and agents of change in the onset of Alzheimer's disease. Neuroscience Letters, 2009, 466, 81-88.	2.1	26

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145	The nociceptin/orphanin FQ receptor agonist SR-8993 as a candidate therapeutic for alcohol use disorders: validation in rat models. <i>Psychopharmacology</i> , 2016, 233, 3553-3563.	3.1	26
146	Functional comparison of single- and double-stranded siRNAs in mammalian cells. <i>Biochemical and Biophysical Research Communications</i> , 2004, 316, 680-687.	2.1	25
147	No induction of anti-viral responses in human cell lines HeLa and MCF-7 when transfecting with siRNA or siLNA. <i>Biochemical and Biophysical Research Communications</i> , 2006, 341, 1211-1217.	2.1	25
148	Bromodomain inhibitors regulate the C9ORF72 locus in ALS. <i>Experimental Neurology</i> , 2015, 271, 241-250.	4.1	25
149	Longevity-related molecular pathways are subject to midlife "switch" in humans. <i>Aging Cell</i> , 2019, 18, e12970.	6.7	25
150	Alcohol use disorder causes global changes in splicing in the human brain. <i>Translational Psychiatry</i> , 2021, 11, 2.	4.8	25
151	Kinetics of Senescence-associated Changes of Gene Expression in an Epithelial, Temperature-sensitive SV40 Large T Antigen Model. <i>Cancer Research</i> , 2004, 64, 482-489.	0.9	24
152	Specific binding of inositol hexakisphosphate (phytic acid) to adrenal chromaffin cell membranes and effects on calcium-dependent catecholamine release. <i>Biochemical Pharmacology</i> , 1992, 43, 1331-1336.	4.4	22
153	Changes in expression of the long non-coding RNA FMR4 associate with altered gene expression during differentiation of human neural precursor cells. <i>Frontiers in Genetics</i> , 2015, 6, 263.	2.3	22
154	A C9ORF72 BAC mouse model recapitulates key epigenetic perturbations of ALS/FTD. <i>Molecular Neurodegeneration</i> , 2017, 12, 46.	10.8	22
155	C9orf72 promoter hypermethylation is reduced while hydroxymethylation is acquired during reprogramming of ALS patient cells. <i>Experimental Neurology</i> , 2016, 277, 171-177.	4.1	21
156	Cocaine Exposure Increases Blood Pressure and Aortic Stiffness via the miR-30c-5p "Malic Enzyme" Reactive Oxygen Species Pathway. <i>Hypertension</i> , 2018, 71, 752-760.	2.7	21
157	Molecular mechanisms of psychiatric diseases. <i>Neurobiology of Disease</i> , 2020, 146, 105136.	4.4	21
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