

Claes Wahlestedt

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

219
papers

20,001
citations

71
h-index

139
g-index

250
ext. papers

22,372
ext. citations

8.9
avg, IF

6.88
L-index

#	Paper	IF	Citations
219	DOT1L is a novel cancer stem cell target for triple negative breast cancer.. <i>Clinical Cancer Research</i> , 2022 ,	12.9	4
218	A novel strategy for combination of clofarabine and pictilisib is synergistic in gastric cancer. <i>Translational Oncology</i> , 2021 , 15, 101260	4.9	0
217	Sexual Dimorphism in the 3xTg-AD Mouse Model and Its Impact on Pre-Clinical Research. <i>Journal of Alzheimeris Disease</i> , 2021 , 80, 41-52	4.3	11
216	Nucleic Acid-Based Therapeutics in Orphan Neurological Disorders: Recent Developments. <i>Frontiers in Molecular Biosciences</i> , 2021 , 8, 643681	5.6	0
215	A novel knockout mouse model of the noncoding antisense () gene displays increased endogenous Bdnf protein and improved memory function following exercise. <i>Heliyon</i> , 2021 , 7, e07570	3.6	
214	Direct Administration and Gene Modulation Using Antisense Oligonucleotides Within the CNS. <i>Cellular and Molecular Neurobiology</i> , 2021 , 41, 849-853	4.6	0
213	Dual Screen for Efficacy and Toxicity Identifies HDAC Inhibitor with Distinctive Activity Spectrum for BAP1-Mutant Uveal Melanoma. <i>Molecular Cancer Research</i> , 2021 , 19, 215-222	6.6	10
212	Dysregulation of the histone demethylase KDM6B in alcohol dependence is associated with epigenetic regulation of inflammatory signaling pathways. <i>Addiction Biology</i> , 2021 , 26, e12816	4.6	16
211	Alcohol use disorder causes global changes in splicing in the human brain. <i>Translational Psychiatry</i> , 2021 , 11, 2	8.6	5
210	Benefits of a novel highly bioavailable resveratrol formulation, JOTROL, for Alzheimer's disease. <i>Alzheimeris and Dementia</i> , 2020 , 16, e046267	1.2	
209	Dipeptide repeat proteins inhibit homology-directed DNA double strand break repair in C9ORF72 ALS/FTD. <i>Molecular Neurodegeneration</i> , 2020 , 15, 13	19	24
208	The bromodomain inhibitor IBET-151 attenuates vismodegib-resistant esophageal adenocarcinoma growth through reduction of GLI signaling. <i>Oncotarget</i> , 2020 , 11, 3174-3187	3.3	4
207	Epigenomics of neurological disorders 2020 , 41-58		
206	Molecular mechanisms of psychiatric diseases. <i>Neurobiology of Disease</i> , 2020 , 146, 105136	7.5	6
205	Molecular Transducers of Human Skeletal Muscle Remodeling under Different Loading States. <i>Cell Reports</i> , 2020 , 32, 107980	10.6	13
204	Antitumor activity of the dual BET and CBP/EP300 inhibitor NEO2734. <i>Blood Advances</i> , 2020 , 4, 4124-4135	3.58	13
203	Emerging Technologies for Genome-Wide Profiling of DNA Breakage. <i>Frontiers in Genetics</i> , 2020 , 11, 610386	4.5	1

202	Longevity-related molecular pathways are subject to midlife "switch" in humans. <i>Aging Cell</i> , 2019 , 18, e12970	9.9	11
201	HDAC Inhibitors Induce Expression and Promote Neurite Outgrowth in Human Neural Progenitor Cells-Derived Neurons. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	10
200	Vitamin C supplementation expands the therapeutic window of BETi for triple negative breast cancer. <i>EBioMedicine</i> , 2019 , 43, 201-210	8.8	14
199	Ovarian Cancer Treatment Stratification Using Drug Sensitivity Testing. <i>Anticancer Research</i> , 2019 , 39, 4023-4030	2.3	7
198	Defective HNF4alpha-dependent gene expression as a driver of hepatocellular failure in alcoholic hepatitis. <i>Nature Communications</i> , 2019 , 10, 3126	17.4	46
197	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	12	37
196	Novel approach reveals genomic landscapes of single-strand DNA breaks with nucleotide resolution in human cells. <i>Nature Communications</i> , 2019 , 10, 5799	17.4	19
195	Enhancement of BDNF Expression and Memory by HDAC Inhibition Requires BET Bromodomain Reader Proteins. <i>Journal of Neuroscience</i> , 2019 , 39, 612-626	6.6	30
194	BET Bromodomain Inhibitors Which Permit Treg Function Enable a Combinatorial Strategy to Suppress GVHD in Pre-clinical Allogeneic HSCT. <i>Frontiers in Immunology</i> , 2018 , 9, 3104	8.4	13
193	Cocaine Exposure Increases Blood Pressure and Aortic Stiffness via the miR-30c-5p-Malic Enzyme 1-Reactive Oxygen Species Pathway. <i>Hypertension</i> , 2018 , 71, 752-760	8.5	14
192	Developments in lncRNA drug discovery: where are we heading?. <i>Expert Opinion on Drug Discovery</i> , 2018 , 13, 837-849	6.2	25
191	Strategies to Annotate and Characterize Long Noncoding RNAs: Advantages and Pitfalls. <i>Trends in Genetics</i> , 2018 , 34, 704-721	8.5	54
190	A coding and non-coding transcriptomic perspective on the genomics of human metabolic disease. <i>Nucleic Acids Research</i> , 2018 , 46, 7772-7792	20.1	22
189	Serum long noncoding RNA HOTAIR as a novel diagnostic and prognostic biomarker in glioblastoma multiforme. <i>Molecular Cancer</i> , 2018 , 17, 74	42.1	154
188	EZH1 is an antipsychotic-sensitive epigenetic modulator of social and motivational behavior that is dysregulated in schizophrenia. <i>Neurobiology of Disease</i> , 2018 , 119, 149-158	7.5	6
187	Precision medicine in the treatment stratification of AML patients: challenges and progress. <i>Oncotarget</i> , 2018 , 9, 37790-37797	3.3	8
186	How the strengths of Lisp-family languages facilitate building complex and flexible bioinformatics applications. <i>Briefings in Bioinformatics</i> , 2018 , 19, 537-543	13.4	1
185	Vitamin C Sensitizes Melanoma to BET Inhibitors. <i>Cancer Research</i> , 2018 , 78, 572-583	10.1	35

184	Ex-vivo sensitivity profiling to guide clinical decision making in acute myeloid leukemia: A pilot study. <i>Leukemia Research</i> , 2018 , 64, 34-41	2.7	29
183	Gain of function of ASXL1 truncating protein in the pathogenesis of myeloid malignancies. <i>Blood</i> , 2018 , 131, 328-341	2.2	91
182	Neuropeptide Y Y2 antagonist treated ovariectomized mice exhibit greater bone mineral density. <i>Neuropeptides</i> , 2018 , 67, 45-55	3.3	7
181	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	11.5	82
180	Drug and disease signature integration identifies synergistic combinations in glioblastoma. <i>Nature Communications</i> , 2018 , 9, 5315	17.4	44
179	Ex vivo drug sensitivity testing as a means for drug repurposing in esophageal adenocarcinoma. <i>PLoS ONE</i> , 2018 , 13, e0203173	3.7	3
178	Orphan diseases: state of the drug discovery art. <i>Wiener Medizinische Wochenschrift</i> , 2017 , 167, 197-204	2.9	8
177	Oligonucleotide therapies for disorders of the nervous system. <i>Nature Biotechnology</i> , 2017 , 35, 249-263	44.5	99
176	Emerging Epigenetic Therapies in Neuroscience: Focus on Bromodomain-Containing Drug Targets. <i>Neuropsychopharmacology</i> , 2017 , 42, 374	8.7	3
175	Cocaine alters Homer1 natural antisense transcript in the nucleus accumbens. <i>Molecular and Cellular Neurosciences</i> , 2017 , 85, 183-189	4.8	4
174	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	11.5	34
173	A C9ORF72 BAC mouse model recapitulates key epigenetic perturbations of ALS/FTD. <i>Molecular Neurodegeneration</i> , 2017 , 12, 46	19	16
172	Dependence-induced increase of alcohol self-administration and compulsive drinking mediated by the histone methyltransferase PRDM2. <i>Molecular Psychiatry</i> , 2017 , 22, 1746-1758	15.1	33
171	Reprogramming of mPFC transcriptome and function in alcohol dependence. <i>Genes, Brain and Behavior</i> , 2017 , 16, 86-100	3.6	29
170	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	9.2	92
169	shinyheatmap: Ultra fast low memory heatmap web interface for big data genomics. <i>PLoS ONE</i> , 2017 , 12, e0176334	3.7	61
168	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, 3553-63	4.7	21
167	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	5.3	35

166	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	8.8	79
165	Functional annotation of the vlinc class of non-coding RNAs using systems biology approach. <i>Nucleic Acids Research</i> , 2016 , 44, 3233-52	20.1	21
164	Altering the course of schizophrenia: progress and perspectives. <i>Nature Reviews Drug Discovery</i> , 2016 , 15, 485-515	64.1	284
163	C9orf72 promoter hypermethylation is reduced while hydroxymethylation is acquired during reprogramming of ALS patient cells. <i>Experimental Neurology</i> , 2016 , 277, 171-177	5.7	16
162	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, 985-95	3	46
161	MicroScope: CHIP-seq and RNA-seq software analysis suite for gene expression heatmaps. <i>BMC Bioinformatics</i> , 2016 , 17, 390	3.6	9
160	Epigenomic and metabolic responses of hypothalamic POMC neurons to gestational nicotine exposure in adult offspring. <i>Genome Medicine</i> , 2016 , 8, 93	14.4	8
159	Ischemic Preconditioning Confers Epigenetic Repression of Mtor and Induction of Autophagy Through G9a-Dependent H3K9 Dimethylation. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	27
158	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	4.8	29
157	Nociceptin receptor activation does not alter acquisition, expression, extinction and reinstatement of conditioned cocaine preference in mice. <i>Brain Research</i> , 2016 , 1632, 34-41	3.7	9
156	The FMR1 promoter is selectively hydroxymethylated in primary neurons of fragile X syndrome patients. <i>Human Molecular Genetics</i> , 2016 , 25, 4870-4880	5.6	16
155	Bromodomain inhibitors regulate the C9ORF72 locus in ALS. <i>Experimental Neurology</i> , 2015 , 271, 241-50	5.7	19
154	Antisense RNA controls LRP1 Sense transcript expression through interaction with a chromatin-associated protein, HMGB2. <i>Cell Reports</i> , 2015 , 11, 967-976	10.6	58
153	Extracellular Uridine Triphosphate and Adenosine Triphosphate Attenuate Endothelial Inflammation through miR-22-Mediated ICAM-1 Inhibition. <i>Journal of Vascular Research</i> , 2015 , 52, 71-80	1.9	24
152	Screening for Small-Molecule Modulators of Long Noncoding RNA-Protein Interactions Using AlphaScreen. <i>Journal of Biomolecular Screening</i> , 2015 , 20, 1132-41		62
151	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, 8326-31	11.5	147
150	The Landscape of long noncoding RNA classification. <i>Trends in Genetics</i> , 2015 , 31, 239-51	8.5	677
149	Epigenetic Readers of Lysine Acetylation Regulate Cocaine-Induced Plasticity. <i>Journal of Neuroscience</i> , 2015 , 35, 15062-72	6.6	47

148	Histone deacetylases (HDACs) and brain function. <i>Neuroepigenetics</i> , 2015 , 1, 20-27		97
147	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	4.5	18
146	Basic biology and therapeutic implications of lncRNA. <i>Advanced Drug Delivery Reviews</i> , 2015 , 87, 15-24	18.5	196
145	A Patient-Specific Ex Vivo Screening Platform for Personalized Acute Myeloid Leukemia (AML) Therapy. <i>Blood</i> , 2015 , 126, 1352-1352	2.2	3
144	The BET Bromodomain Inhibitors EP11313 and EP11336 Have Potent Anti-Leukemic Activity in Acute Myeloid Leukemia (AML) and Augment the Effects of All-Trans-Retinoic Acid (AtRA) in Vitro. <i>Blood</i> , 2015 , 126, 2552-2552	2.2	1
143	Transcriptional repression of ER through hMAPK dependent histone deacetylation by class I HDACs. <i>Breast Cancer Research and Treatment</i> , 2014 , 147, 249-63	4.4	12
142	Regulation of the apolipoprotein gene cluster by a long noncoding RNA. <i>Cell Reports</i> , 2014 , 6, 222-30	10.6	153
141	I-BET151 selectively regulates IL-6 production. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014 , 1842, 1549-55	6.9	31
140	Natural antisense transcripts. <i>Human Molecular Genetics</i> , 2014 , 23, R54-63	5.6	90
139	HuD regulates coding and noncoding RNA to induce APP-A β processing. <i>Cell Reports</i> , 2014 , 7, 1401-1409	10.6	70
138	Emerging treatment strategies for glioblastoma multiforme. <i>EMBO Molecular Medicine</i> , 2014 , 6, 1359-70	12	198
137	BET bromodomain proteins are required for glioblastoma cell proliferation. <i>Epigenetics</i> , 2014 , 9, 611-20	5.7	100
136	Non-coding RNAs as direct and indirect modulators of epigenetic regulation. <i>Epigenetics</i> , 2014 , 9, 3-12	5.7	333
135	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, 35494-502	5.4	78
134	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	1.9	32
133	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	6.3	85
132	Personalized medicine in psychiatry: problems and promises. <i>BMC Medicine</i> , 2013 , 11, 132	11.4	153
131	Oligonucleotides for upregulating gene expression. <i>Pharmaceutical Patent Analyst</i> , 2013 , 2, 215-29	0.6	6

130	Natural antisense transcripts as therapeutic targets. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2013 , 10, e119-e125		11
129	Amygdala-dependent fear is regulated by Oprl1 in mice and humans with PTSD. <i>Science Translational Medicine</i> , 2013 , 5, 188ra73	17.5	105
128	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, 3908-17, S1-26	2.2	186
127	Targeting long non-coding RNA to therapeutically upregulate gene expression. <i>Nature Reviews Drug Discovery</i> , 2013 , 12, 433-46	64.1	373
126	Epigenetic pathways and glioblastoma treatment. <i>Epigenetics</i> , 2013 , 8, 785-95	5.7	44
125	Synthesis and SAR of selective small molecule neuropeptide Y Y2 receptor antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012 , 22, 3916-20	2.9	11
124	Regulation of chromatin structure by long noncoding RNAs: focus on natural antisense transcripts. <i>Trends in Genetics</i> , 2012 , 28, 389-96	8.5	216
123	Intronic RNAs constitute the major fraction of the non-coding RNA in mammalian cells. <i>BMC Genomics</i> , 2012 , 13, 504	4.5	87
122	RNAi joins the "Singles Club". <i>Molecular Therapy</i> , 2012 , 20, 2010-1	11.7	1
121	The Emerging Role of Non-Coding RNAs in Drug Addiction. <i>Frontiers in Genetics</i> , 2012 , 3, 106	4.5	52
120	Inhibition of natural antisense transcripts in vivo results in gene-specific transcriptional upregulation. <i>Nature Biotechnology</i> , 2012 , 30, 453-9	44.5	476
119	Involvement of long noncoding RNAs in diseases affecting the central nervous system. <i>RNA Biology</i> , 2012 , 9, 860-70	4.8	85
118	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, 3125-30	11.5	233
117	Epigenomic Implications of Antisense Transcription. <i>FASEB Journal</i> , 2012 , 26, 333.4	0.9	
116	Knockdown of BACE1-AS Nonprotein-Coding Transcript Modulates Beta-Amyloid-Related Hippocampal Neurogenesis. <i>International Journal of Alzheimer's Disease</i> , 2011 , 2011, 929042	3.7	97
115	The reality of pervasive transcription. <i>PLoS Biology</i> , 2011 , 9, e1000625; discussion e1001102	9.7	325
114	Striatal microRNA controls cocaine intake through CREB signalling. <i>Nature</i> , 2010 , 466, 197-202	50.4	310
113	RNAi screen indicates widespread biological function for human natural antisense transcripts. <i>PLoS ONE</i> , 2010 , 5, e13177	3.7	30

112	Selective and brain penetrant neuropeptide y2 receptor antagonists discovered by whole-cell high-throughput screening. <i>Molecular Pharmacology</i> , 2010 , 77, 46-57	4.3	45
111	Using molecular classification to predict gains in maximal aerobic capacity following endurance exercise training in humans. <i>Journal of Applied Physiology</i> , 2010 , 108, 1487-96	3.7	252
110	Adult neurogenesis: a potential tool for early diagnosis in Alzheimer's disease?. <i>Journal of Alzheimeris Disease</i> , 2010 , 20, 395-408	4.3	29
109	Evidence for natural antisense transcript-mediated inhibition of microRNA function. <i>Genome Biology</i> , 2010 , 11, R56	18.3	375
108	MicroRNA dysregulation in psychiatric disease. <i>Brain Research</i> , 2010 , 1338, 89-99	3.7	147
107	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	14.4	188
106	Role of Sirtuin 1 in metabolic regulation. <i>Drug Discovery Today</i> , 2010 , 15, 781-91	8.8	45
105	Therapeutic potential of neuropeptide Y (NPY) receptor ligands. <i>EMBO Molecular Medicine</i> , 2010 , 2, 429-39	18.7	168
104	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, 3507-12	11.5	239
103	microRNAs in CNS disorders. <i>NeuroMolecular Medicine</i> , 2009 , 11, 162-72	4.6	61
102	The transcriptional network that controls growth arrest and differentiation in a human myeloid leukemia cell line. <i>Nature Genetics</i> , 2009 , 41, 553-62	36.3	356
101	Regulatory roles of natural antisense transcripts. <i>Nature Reviews Molecular Cell Biology</i> , 2009 , 10, 637-43	18.7	567
100	Non-coding RNA transcripts: sensors of neuronal stress, modulators of synaptic plasticity, and agents of change in the onset of Alzheimer's disease. <i>Neuroscience Letters</i> , 2009 , 466, 81-8	3.3	26
99	A small molecule enhances RNA interference and promotes microRNA processing. <i>Nature Biotechnology</i> , 2008 , 26, 933-40	44.5	187
98	Expression of a noncoding RNA is elevated in Alzheimer's disease and drives rapid feed-forward regulation of beta-secretase. <i>Nature Medicine</i> , 2008 , 14, 723-30	50.5	1070
97	Association between the nociceptin receptor gene (OPRL1) single nucleotide polymorphisms and alcohol dependence. <i>Addiction Biology</i> , 2008 , 13, 88-94	4.6	32
96	Focusing on RISC assembly in mammalian cells. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 368, 703-8	3.4	12
95	Analysis of siRNA specificity on targets with double-nucleotide mismatches. <i>Nucleic Acids Research</i> , 2008 , 36, e53	20.1	54

94	Epigenetic mechanisms of gene regulation during mammalian spermatogenesis. <i>Epigenetics</i> , 2008 , 3, 21-8	5.7	37
93	Gene characterization index: assessing the depth of gene annotation. <i>PLoS ONE</i> , 2008 , 3, e1440	3.7	7
92	A novel RNA transcript with antiapoptotic function is silenced in fragile X syndrome. <i>PLoS ONE</i> , 2008 , 3, e1486	3.7	145
91	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	4.5	104
90	Altered regulation of the PINK1 locus: a link between type 2 diabetes and neurodegeneration?. <i>FASEB Journal</i> , 2007 , 21, 3653-65	0.9	69
89	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, 4401-6	11.5	550
88	Noncoding RNAs: couplers of analog and digital information in nervous system function?. <i>Trends in Neurosciences</i> , 2007 , 30, 612-21	13.3	85
87	Natural antisense and noncoding RNA transcripts as potential drug targets. <i>Drug Discovery Today</i> , 2006 , 11, 503-8	8.8	102
86	Nonsynonymous SNPs: validation characteristics, derived allele frequency patterns, and suggestive evidence for natural selection. <i>Human Mutation</i> , 2006 , 27, 173-86	4.7	7
85	Apoptosis resistance downstream of eIF4E: posttranscriptional activation of an anti-apoptotic transcript carrying a consensus hairpin structure. <i>Nucleic Acids Research</i> , 2006 , 34, 4375-86	20.1	57
84	Pseudo-messenger RNA: phantoms of the transcriptome. <i>PLoS Genetics</i> , 2006 , 2, e23	6	51
83	RNA Interference with chemically modified siRNA. <i>Current Topics in Medicinal Chemistry</i> , 2006 , 6, 893-900		38
82	Complex Loci in human and mouse genomes. <i>PLoS Genetics</i> , 2006 , 2, e47	6	246
81	RNA interference is not involved in natural antisense mediated regulation of gene expression in mammals. <i>Genome Biology</i> , 2006 , 7, R38	18.3	48
80	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, 1211-7	3.4	22
79	Expression profiling following local muscle inactivity in humans provides new perspective on diabetes-related genes. <i>Genomics</i> , 2006 , 87, 165-72	4.3	59
78	Genome-wide analysis of mammalian promoter architecture and evolution. <i>Nature Genetics</i> , 2006 , 38, 626-35	36.3	1021
77	Locked nucleic acid (LNA) mediated improvements in siRNA stability and functionality. <i>Nucleic Acids Research</i> , 2005 , 33, 439-47	20.1	402

76	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		68
75	A novel single nucleotide polymorphism of the neuropeptide Y (NPY) gene associated with alcohol dependence. <i>Alcoholism: Clinical and Experimental Research</i> , 2005 , 29, 702-7	3.7	51
74	Complex HTR2C linkage disequilibrium and promoter associations with body mass index and serum leptin. <i>Human Genetics</i> , 2005 , 117, 545-57	6.3	31
73	Human muscle gene expression responses to endurance training provide a novel perspective on Duchenne muscular dystrophy. <i>FASEB Journal</i> , 2005 , 19, 750-60	0.9	121
72	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, 1671-7	20.1	184
71	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, 2356-61	11.5	38
70	Kinetics of senescence-associated changes of gene expression in an epithelial, temperature-sensitive SV40 large T antigen model. <i>Cancer Research</i> , 2004 , 64, 482-9	10.1	23
69	Analysis of 5-hydroxytryptamine 2c receptor gene promoter variants as alcohol-dependence risk factors. <i>Alcohol and Alcoholism</i> , 2004 , 39, 380-5	3.5	7
68	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, 113-21	5.2	145
67	Exploring the foundation of genomics: a northern blot reference set for the comparative analysis of transcript profiling technologies. <i>Comparative and Functional Genomics</i> , 2004 , 5, 584-95		2
66	Genetics of neurological disorders. <i>Expert Review of Molecular Diagnostics</i> , 2004 , 4, 317-32	3.8	13
65	Locked nucleic acid containing antisense oligonucleotides enhance inhibition of HIV-1 genome dimerization and inhibit virus replication. <i>FEBS Letters</i> , 2004 , 578, 285-90	3.8	26
64	Functional comparison of single- and double-stranded siRNAs in mammalian cells. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 316, 680-7	3.4	20
63	Characterization of RNA interference in rat PC12 cells: requirement of GERp95. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 318, 927-34	3.4	9
62	Improved and automated prediction of effective siRNA. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 319, 264-74	3.4	115
61	Validating siRNA using a reporter made from synthetic DNA oligonucleotides. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 325, 243-9	3.4	34
60	mRNA accessible site tagging (MAST): a novel high throughput method for selecting effective antisense oligonucleotides. <i>Nucleic Acids Research</i> , 2003 , 31, e72	20.1	30
59	Activity-induced and developmental downregulation of the Nogo receptor. <i>Cell and Tissue Research</i> , 2003 , 311, 333-42	4.2	66

58	Anti-cataleptic effects of clozapine, but not olanzapine and quetiapine, on SCH 23390- or raclopride-induced catalepsy in rats. <i>European Neuropsychopharmacology</i> , 2003 , 13, 177-82	1.2	6
57	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, 712-7	3.4	56
56	Behavioural analysis of melanin-concentrating hormone in rats: evidence for orexigenic and anxiolytic properties. <i>Regulatory Peptides</i> , 2003 , 114, 109-14		48
55	GeneLynx mouse: integrated portal to the mouse genome. <i>Genome Research</i> , 2003 , 13, 1501-4	9.7	11
54	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, 1532-8	16.7	103
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