

Robert Fredriksson

List of Publications by Year in descending order

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Version: 2024-02-01

182
papers

13,487
citations

30551

56
h-index

27587

110
g-index

184
all docs

184
docs citations

184
times ranked

18085
citing authors

#	ARTICLE	IF	CITATIONS
1	A phylogenetic analysis between humans and <i>D. melanogaster</i> : A repertoire of solute carriers in humans and flies. <i>Gene</i> , 2022, 809, 146033.	1.0	2
2	Paracetamol (Acetaminophen) and its Effect on the Developing Mouse Brain. <i>Frontiers in Toxicology</i> , 2022, 4, 867748.	1.6	7
3	SLC38A10 Regulate Glutamate Homeostasis and Modulate the AKT/TSC2/mTOR Pathway in Mouse Primary Cortex Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 854397.	1.8	7
4	Evaluation of the dentate gyrus in adult mice exposed to acetaminophen (paracetamol) on postnatal day 10. <i>International Journal of Developmental Neuroscience</i> , 2021, 81, 91-97.	0.7	4
5	Differentiation of two human neuroblastoma cell lines alters SV2 expression patterns. <i>Cellular and Molecular Biology Letters</i> , 2021, 26, 5.	2.7	3
6	SLC38A10 Transporter Plays a Role in Cell Survival Under Oxidative Stress and Glutamate Toxicity. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 671865.	1.6	9
7	Toll-like receptor 4 methylation grade is linked to depressive symptom severity. <i>Translational Psychiatry</i> , 2021, 11, 371.	2.4	13
8	Molecular genetic analysis of neural stem cells after space flight and simulated microgravity on earth. <i>Biotechnology and Bioengineering</i> , 2021, 118, 3832-3846.	1.7	7
9	Glutamine Uptake via SNAT6 and Caveolin Regulates Glutamine–Glutamate Cycle. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1167.	1.8	16
10	Integrating Statistical and Machine-Learning Approach for Meta-Analysis of Bisphenol A-Exposure Datasets Reveals Effects on Mouse Gene Expression within Pathways of Apoptosis and Cell Survival. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10785.	1.8	4
11	The Fly Homologue of MFSD11 Is Possibly Linked to Nutrient Homeostasis and Has a Potential Role in Locomotion: A First Characterization of the Atypical Solute Carrier CG18549 in <i>Drosophila Melanogaster</i> . <i>Insects</i> , 2021, 12, 1024.	1.0	0
12	Probable role for major facilitator superfamily domain containing 6 (MFSD6) in the brain during variable energy consumption. <i>International Journal of Neuroscience</i> , 2020, 130, 476-489.	0.8	15
13	Glucose Availability Alters Gene and Protein Expression of Several Newly Classified and Putative Solute Carriers in Mice Cortex Cell Culture and <i>D. melanogaster</i> . <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 579.	1.8	11
14	CG4928 Is Vital for Renal Function in Fruit Flies and Membrane Potential in Cells: A First In-Depth Characterization of the Putative Solute Carrier UNC93A. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 580291.	1.8	6
15	A Single Δ^9 -Tetrahydrocannabinol (THC) Dose During Brain Development Affects Markers of Neurotrophin, Oxidative Stress, and Apoptosis. <i>Frontiers in Pharmacology</i> , 2019, 10, 1156.	1.6	8
16	SLC38A10 (SNAT10) is Located in ER and Golgi Compartments and Has a Role in Regulating Nascent Protein Synthesis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6265.	1.8	12
17	The polyamine transporter Slc18b1 (VPAT) is important for both short and long time memory and for regulation of polyamine content in the brain. <i>PLoS Genetics</i> , 2019, 15, e1008455.	1.5	16
18	Knockdown of SLC38 Transporter Ortholog – CG13743 Reveals a Metabolic Relevance in <i>Drosophila</i> . <i>Frontiers in Physiology</i> , 2019, 10, 1592.	1.3	3

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19	Nutritional Stress Induced by Amino Acid Starvation Results in Changes for Slc38 Transporters in Immortalized Hypothalamic Neuronal Cells and Primary Cortex Cells. <i>Frontiers in Molecular Biosciences</i> , 2018, 5, 45.	1.6	23
20	A Cannabinoid Receptor Type 1 (CB1R) Agonist Enhances the Developmental Neurotoxicity of Acetaminophen (Paracetamol). <i>Toxicological Sciences</i> , 2018, 166, 203-212.	1.4	14
21	Elevated total plasma-adiponectin is stable over time in young women with bulimia nervosa. <i>European Psychiatry</i> , 2017, 41, 30-36.	0.1	3
22	The gene expression of numerous SLC transporters is altered in the immortalized hypothalamic cell line N25/2 following amino acid starvation. <i>FEBS Open Bio</i> , 2017, 7, 249-264.	1.0	27
23	The neuronal and astrocytic protein <scp>SLC</scp>38A10 transports glutamine, glutamate, and aspartate, suggesting a role in neurotransmission. <i>FEBS Open Bio</i> , 2017, 7, 730-746.	1.0	33
24	A Combinatorial Approach to Induce Sensory Axon Regeneration into the Dorsal Root Avulsed Spinal Cord. <i>Stem Cells and Development</i> , 2017, 26, 1065-1077.	1.1	8
25	Classification Systems of Secondary Active Transporters. <i>Trends in Pharmacological Sciences</i> , 2017, 38, 305-315.	4.0	178
26	Characteristics of 29 novel atypical solute carriers of major facilitator superfamily type: evolutionary conservation, predicted structure and neuronal co-expression. <i>Open Biology</i> , 2017, 7, 170142.	1.5	49
27	The Novel Membrane-Bound Proteins MFSD1 and MFSD3 are Putative SLC Transporters Affected by Altered Nutrient Intake. <i>Journal of Molecular Neuroscience</i> , 2017, 61, 199-214.	1.1	39
28	Putative Membrane-Bound Transporters MFSD14A and MFSD14B Are Neuronal and Affected by Nutrient Availability. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 11.	1.4	26
29	The Neuronal and Peripheral Expressed Membrane-Bound UNC93A Respond to Nutrient Availability in Mice. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 351.	1.4	19
30	The gene expression of the neuronal protein, SLC38A9, changes in mouse brain after in vivo starvation and high-fat diet. <i>PLoS ONE</i> , 2017, 12, e0172917.	1.1	7
31	Structural prediction of two novel human atypical SLC transporters, MFSD4A and MFSD9, and their neuroanatomical distribution in mice. <i>PLoS ONE</i> , 2017, 12, e0186325.	1.1	19
32	The Drosophila ETV5 Homologue Ets96B: Molecular Link between Obesity and Bipolar Disorder. <i>PLoS Genetics</i> , 2016, 12, e1006104.	1.5	26
33	Histological characterization of orphan transporter MCT14 (SLC16A14) shows abundant expression in mouse CNS and kidney. <i>BMC Neuroscience</i> , 2016, 17, 43.	0.8	10
34	The Drosophila ortholog of TMEM18 regulates insulin and glucagon-like signaling. <i>Journal of Endocrinology</i> , 2016, 229, 233-243.	1.2	19
35	mRNA GPR162 changes are associated with decreased food intake in rat, and its human genetic variants with impairments in glucose homeostasis in two Swedish cohorts. <i>Gene</i> , 2016, 581, 139-145.	1.0	5
36	The Putative SLC Transporters Mfsd5 and Mfsd11 Are Abundantly Expressed in the Mouse Brain and Have a Potential Role in Energy Homeostasis. <i>PLoS ONE</i> , 2016, 11, e0156912.	1.1	35

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37	Determination of obesity associated gene variants related to TMEM18 through ultra-deep targeted re-sequencing in a case-control cohort for pediatric obesity. <i>Genetical Research</i> , 2015, 97, e16.	0.3	4
38	GABA and its β -receptor are present at the node of Ranvier in a small population of sensory fibers, implicating a role in myelination. <i>Journal of Neuroscience Research</i> , 2015, 93, 285-295.	1.3	12
39	Methylation Levels of SLC23A2 and NCOR2 Genes Correlate with Spinal Muscular Atrophy Severity. <i>PLoS ONE</i> , 2015, 10, e0121964.	1.1	20
40	The Obesity-Linked Gene Nudt3 Drosophila Homolog Aps Is Associated With Insulin Signaling. <i>Molecular Endocrinology</i> , 2015, 29, 1303-1319.	3.7	14
41	International Union of Basic and Clinical Pharmacology. XCIV. Adhesion G Protein-Coupled Receptors. <i>Pharmacological Reviews</i> , 2015, 67, 338-367.	7.1	392
42	Evolutionary hierarchy of vertebrate-like heterotrimeric G protein families. <i>Molecular Phylogenetics and Evolution</i> , 2015, 91, 27-40.	1.2	35
43	In Situ Proximity Ligation Assay (PLA). <i>Methods in Molecular Biology</i> , 2015, 1318, 149-159.	0.4	99
44	Transport of L-Glutamine, L-Alanine, L-Arginine and L-Histidine by the Neuron-Specific Slc38a8 (SNAT8) in CNS. <i>Journal of Molecular Biology</i> , 2015, 427, 1495-1512.	2.0	53
45	Roux-En Y Gastric Bypass Surgery Induces Genome-Wide Promoter-Specific Changes in DNA Methylation in Whole Blood of Obese Patients. <i>PLoS ONE</i> , 2015, 10, e0115186.	1.1	27
46	The Orphan G Protein-Coupled Receptor Gene GPR178 Is Evolutionary Conserved and Altered in Response to Acute Changes in Food Intake. <i>PLoS ONE</i> , 2015, 10, e0122061.	1.1	1
47	BDNF Polymorphisms Are Linked to Poorer Working Memory Performance, Reduced Cerebellar and Hippocampal Volumes and Differences in Prefrontal Cortex in a Swedish Elderly Population. <i>PLoS ONE</i> , 2014, 9, e82707.	1.1	40
48	The GPCR repertoire in the demosponge <i>Amphimedon queenslandica</i> : insights into the GPCR system at the early divergence of animals. <i>BMC Evolutionary Biology</i> , 2014, 14, 270.	3.2	42
49	Obesity-Linked Homologues TfAP-2 and Twz Establish Meal Frequency in <i>Drosophila melanogaster</i> . <i>PLoS Genetics</i> , 2014, 10, e1004499.	1.5	50
50	Exposure to a high-fat high-sugar diet causes strong up-regulation of proopiomelanocortin and differentially affects dopamine D1 and D2 receptor gene expression in the brainstem of rats. <i>Neuroscience Letters</i> , 2014, 559, 18-23.	1.0	14
51	Synaptic changes induced by melanocortin signalling. <i>Nature Reviews Neuroscience</i> , 2014, 15, 98-110.	4.9	66
52	The <i>Drosophila</i> Kctd family homologue <i>Kctd12-like</i> modulates male aggression and mating behaviour. <i>European Journal of Neuroscience</i> , 2014, 40, 2513-2526.	1.2	13
53	Exposure to Bisphenol A Affects Lipid Metabolism in <i>Drosophila melanogaster</i> . <i>Basic and Clinical Pharmacology and Toxicology</i> , 2014, 114, 414-420.	1.2	25
54	Regulation of Aggression by Obesity-Linked Genes <i>TfAP-2</i> and <i>Twz</i> Through Octopamine Signaling in <i>Drosophila</i> . <i>Genetics</i> , 2014, 196, 349-362.	1.2	43

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55	The G protein-coupled receptor GPR162 is widely distributed in the CNS and highly expressed in the hypothalamus and in hedonic feeding areas. <i>Gene</i> , 2014, 553, 1-6.	1.0	5
56	Genome-wide analysis reveals DNA methylation markers that vary with both age and obesity. <i>Gene</i> , 2014, 548, 61-67.	1.0	83
57	PAT4 is abundantly expressed in excitatory and inhibitory neurons as well as epithelial cells. <i>Brain Research</i> , 2014, 1557, 12-25.	1.1	8
58	Insights into the Origin of Nematode Chemosensory GPCRs: Putative Orthologs of the Srw Family Are Found across Several Phyla of Protostomes. <i>PLoS ONE</i> , 2014, 9, e93048.	1.1	26
59	CDKAL1-Related Single Nucleotide Polymorphisms Are Associated with Insulin Resistance in a Cross-Sectional Cohort of Greek Children. <i>PLoS ONE</i> , 2014, 9, e93193.	1.1	8
60	Histological Analysis of SLC38A6 (SNAT6) Expression in Mouse Brain Shows Selective Expression in Excitatory Neurons with High Expression in the Synapses. <i>PLoS ONE</i> , 2014, 9, e95438.	1.1	22
61	Characterization of the transporterBOAT3 (Slc6a17) in the rodent central nervous system. <i>BMC Neuroscience</i> , 2013, 14, 54.	0.8	19
62	Evolutionary origin of amino acid transporter families SLC32, SLC36 and SLC38 and physiological, pathological and therapeutic aspects. <i>Molecular Aspects of Medicine</i> , 2013, 34, 571-585.	2.7	125
63	Remarkable similarities between the hemichordate (<i>Saccoglossus kowalevskii</i>) and vertebrate GPCR repertoire. <i>Gene</i> , 2013, 526, 122-133.	1.0	50
64	Genome-wide analysis shows association of epigenetic changes in regulators of Rab and Rho GTPases with spinal muscular atrophy severity. <i>European Journal of Human Genetics</i> , 2013, 21, 988-993.	1.4	31
65	G Protein-Coupled Receptor Deorphanizations. <i>Annual Review of Pharmacology and Toxicology</i> , 2013, 53, 127-146.	4.2	156
66	Early vertebrate origin of melanocortin 2 receptor accessory proteins (MRAPs). <i>General and Comparative Endocrinology</i> , 2013, 188, 123-132.	0.8	14
67	Solute carriers as drug targets: Current use, clinical trials and prospective. <i>Molecular Aspects of Medicine</i> , 2013, 34, 702-710.	2.7	89
68	Determination of the obesity-associated gene variants within the entire FTO gene by ultra-deep targeted sequencing in obese and lean children. <i>International Journal of Obesity</i> , 2013, 37, 424-431.	1.6	32
69	BOAT2 (SLC6A15) Is Localized to Neurons and Astrocytes, and Is Involved in Mediating the Effect of Leucine in the Brain. <i>PLoS ONE</i> , 2013, 8, e58651.	1.1	21
70	Involvement of the Neutral Amino Acid Transporter SLC6A15 and Leucine in Obesity-Related Phenotypes. <i>PLoS ONE</i> , 2013, 8, e68245.	1.1	30
71	The STK33-Linked SNP rs4929949 Is Associated with Obesity and BMI in Two Independent Cohorts of Swedish and Greek Children. <i>PLoS ONE</i> , 2013, 8, e71353.	1.1	7
72	Neurobeachin, a Regulator of Synaptic Protein Targeting, Is Associated with Body Fat Mass and Feeding Behavior in Mice and Body-Mass Index in Humans. <i>PLoS Genetics</i> , 2012, 8, e1002568.	1.5	33

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73	Association of TMEM18 variants with BMI and waist circumference in children and correlation of mRNA expression in the PFC with body weight in rats. <i>European Journal of Human Genetics</i> , 2012, 20, 192-197.	1.4	24
74	Genome wide analysis reveals association of a FTO gene variant with epigenetic changes. <i>Genomics</i> , 2012, 99, 132-137.	1.3	132
75	The MAP2K5-linked SNP rs2241423 is associated with BMI and obesity in two cohorts of Swedish and Greek children. <i>BMC Medical Genetics</i> , 2012, 13, 36.	2.1	16
76	What model organisms and interactomics can reveal about the genetics of human obesity. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 3819-3834.	2.4	45
77	Exposure to subliminal arousing stimuli induces robust activation in the amygdala, hippocampus, anterior cingulate, insular cortex and primary visual cortex: A systematic meta-analysis of fMRI studies. <i>NeuroImage</i> , 2012, 59, 2962-2973.	2.1	183
78	Polymorphisms in sh2b1 and spns1 loci are associated with triglyceride levels in a healthy population in northern Sweden. <i>Journal of Genetics</i> , 2012, 91, 237-240.	0.4	5
79	The Dispanins: A Novel Gene Family of Ancient Origin That Contains 14 Human Members. <i>PLoS ONE</i> , 2012, 7, e31961.	1.1	74
80	Genetic variants near the MGAT1 gene are associated with body weight, BMI and fatty acid metabolism among adults and children. <i>International Journal of Obesity</i> , 2012, 36, 119-129.	1.6	14
81	Characterization of the neuropeptide Y system in the frog <i>Silurana tropicalis</i> (Pipidae): Three peptides and six receptor subtypes. <i>General and Comparative Endocrinology</i> , 2012, 177, 322-331.	0.8	17
82	The Origin of GPCRs: Identification of Mammalian like Rhodopsin, Adhesion, Glutamate and Frizzled GPCRs in Fungi. <i>PLoS ONE</i> , 2012, 7, e29817.	1.1	152
83	Identification of Distant Agouti-Like Sequences and Re-Evaluation of the Evolutionary History of the Agouti-Related Peptide (AgRP). <i>PLoS ONE</i> , 2012, 7, e40982.	1.1	17
84	Fto immunoreactivity is widespread in the rodent brain and abundant in feeding-related sites, but the number of Fto-positive cells is not affected by changes in energy balance. <i>Physiology and Behavior</i> , 2011, 103, 248-253.	1.0	18
85	Fto colocalizes with a satiety mediator oxytocin in the brain and upregulates oxytocin gene expression. <i>Biochemical and Biophysical Research Communications</i> , 2011, 408, 422-426.	1.0	17
86	Comprehensive analysis of localization of 78 solute carrier genes throughout the subsections of the rat gastrointestinal tract. <i>Biochemical and Biophysical Research Communications</i> , 2011, 411, 702-707.	1.0	19
87	The fat mass and obesity gene is linked to reduced verbal fluency in overweight and obese elderly men. <i>Neurobiology of Aging</i> , 2011, 32, 1159.e1-1159.e5.	1.5	35
88	Long evolutionary conservation and considerable tissue specificity of several atypical solute carrier transporters. <i>Gene</i> , 2011, 478, 11-18.	1.0	50
89	The G protein coupled receptor Gpr153 shares common evolutionary origin with Gpr162 and is highly expressed in central regions including the thalamus, cerebellum and the arcuate nucleus. <i>FEBS Journal</i> , 2011, 278, 4881-4894.	2.2	20
90	Associations between severity of obesity in childhood and adolescence, obesity onset and parental BMI: a longitudinal cohort study. <i>International Journal of Obesity</i> , 2011, 35, 46-52.	1.6	61

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91	Functional coupling analysis suggests link between the obesity gene FTO and the BDNF-NTRK2 signaling pathway. <i>BMC Neuroscience</i> , 2011, 12, 117.	0.8	22
92	Functional specialization in nucleotide sugar transporters occurred through differentiation of the gene cluster EamA (DUF6) before the radiation of Viridiplantae. <i>BMC Evolutionary Biology</i> , 2011, 11, 123.	3.2	37
93	Identification of SLC38A7 (SNAT7) Protein as a Glutamine Transporter Expressed in Neurons. <i>Journal of Biological Chemistry</i> , 2011, 286, 20500-20511.	1.6	100
94	The Solute Carrier Families Have a Remarkably Long Evolutionary History with the Majority of the Human Families Present before Divergence of Bilaterian Species. <i>Molecular Biology and Evolution</i> , 2011, 28, 1531-1541.	3.5	182
95	Independent HHsearch, Needleman-Wunsch-Based, and Motif Analyses Reveal the Overall Hierarchy for Most of the G Protein-Coupled Receptor Families. <i>Molecular Biology and Evolution</i> , 2011, 28, 2471-2480.	3.5	145
96	Detailed Analysis of Variants in FTO in Association with Body Composition in a Cohort of 70-Year-Olds Suggests a Weakened Effect among Elderly. <i>PLoS ONE</i> , 2011, 6, e20158.	1.1	19
97	C6ORF192 Forms a Unique Evolutionary Branch Among Solute Carriers (SLC16, SLC17, and SLC18) and Is Abundantly Expressed in Several Brain Regions. <i>Journal of Molecular Neuroscience</i> , 2010, 41, 230-242.	1.1	15
98	SPRIT: Identifying horizontal gene transfer in rooted phylogenetic trees. <i>BMC Evolutionary Biology</i> , 2010, 10, 42.	3.2	24
99	Glutamate, aspartate and nucleotide transporters in the SLC17 family form four main phylogenetic clusters: evolution and tissue expression. <i>BMC Genomics</i> , 2010, 11, 17.	1.2	54
100	The obesity gene, TMEM18, is of ancient origin, found in majority of neuronal cells in all major brain regions and associated with obesity in severely obese children. <i>BMC Medical Genetics</i> , 2010, 11, 58.	2.1	65
101	The Adhesion GPCRs; Gene Repertoire, Phylogeny and Evolution. <i>Advances in Experimental Medicine and Biology</i> , 2010, 706, 1-13.	0.8	30
102	Molecular, Immunohistochemical, and Pharmacological Evidence of Oxytocin's Role as Inhibitor of Carbohydrate But Not Fat Intake. <i>Endocrinology</i> , 2010, 151, 4736-4744.	1.4	96
103	Restricted Cortical and Amygdaloid Removal of Vesicular Glutamate Transporter 2 in Preadolescent Mice Impacts Dopaminergic Activity and Neuronal Circuitry of Higher Brain Function. <i>Journal of Neuroscience</i> , 2009, 29, 2238-2251.	1.7	59
104	The G protein-coupled receptor subset of the dog genome is more similar to that in humans than rodents. <i>BMC Genomics</i> , 2009, 10, 24.	1.2	47
105	Hypothalamic FTO is associated with the regulation of energy intake not feeding reward. <i>BMC Neuroscience</i> , 2009, 10, 129.	0.8	107
106	The common FTO variant rs9939609 is not associated with BMI in a longitudinal study on a cohort of Swedish men born 1920-1924. <i>BMC Medical Genetics</i> , 2009, 10, 131.	2.1	38
107	Mapping the human membrane proteome: a majority of the human membrane proteins can be classified according to function and evolutionary origin. <i>BMC Biology</i> , 2009, 7, 50.	1.7	497
108	Inverse association of high-fat diet preference and anxiety-like behavior: a putative role for urocortin 2. <i>Genes, Brain and Behavior</i> , 2009, 8, 193-202.	1.1	29

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109	Sequence polymorphism in a marine bivalve (<i>Perna canaliculus</i>) orphan G protein-coupled receptor gene: Preliminary description and possible implications. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2009, 43, 953-964.	0.8	0
110	Neuropeptide Y-family peptides and receptors in the elephant shark, <i>Callorhinchus milii</i> confirm gene duplications before the gnathostome radiation. <i>Genomics</i> , 2009, 93, 254-260.	1.3	50
111	Critical evaluation of the FANTOM3 non-coding RNA transcripts. <i>Genomics</i> , 2009, 94, 169-176.	1.3	15
112	Complexity of neural mechanisms underlying overconsumption of sugar in scheduled feeding: Involvement of opioids, orexin, oxytocin and NPY. <i>Peptides</i> , 2009, 30, 226-233.	1.2	59
113	The Evolutionary History and Tissue Mapping of Amino Acid Transporters Belonging to Solute Carrier Families SLC32, SLC36, and SLC38. <i>Journal of Molecular Neuroscience</i> , 2008, 35, 179-193.	1.1	83
114	Allelotyping by massively parallel pyrosequencing of SNP-carrying trinucleotide threads. <i>Human Mutation</i> , 2008, 29, 323-329.	1.1	11
115	Novel genetic variant in FTO influences insulin levels and insulin resistance in severely obese children and adolescents. <i>International Journal of Obesity</i> , 2008, 32, 1730-1735.	1.6	39
116	The amphioxus (<i>Branchiostoma floridae</i>) genome contains a highly diversified set of G protein-coupled receptors. <i>BMC Evolutionary Biology</i> , 2008, 8, 9.	3.2	87
117	Expression profile of the entire family of Adhesion G protein-coupled receptors in mouse and rat. <i>BMC Neuroscience</i> , 2008, 9, 43.	0.8	57
118	The Adhesion GPCR GPR125 is specifically expressed in the choroid plexus and is upregulated following brain injury. <i>BMC Neuroscience</i> , 2008, 9, 97.	0.8	31
119	The solute carrier (SLC) complement of the human genome: Phylogenetic classification reveals four major families. <i>FEBS Letters</i> , 2008, 582, 3811-3816.	1.3	150
120	The relative impact of chronic food restriction and acute food deprivation on plasma hormone levels and hypothalamic neuropeptide expression. <i>Peptides</i> , 2008, 29, 1588-1595.	1.2	63
121	Major gender difference in association of FTO gene variant among severely obese children with obesity and obesity related phenotypes. <i>Biochemical and Biophysical Research Communications</i> , 2008, 368, 476-482.	1.0	105
122	The Obesity Gene, FTO, Is of Ancient Origin, Up-Regulated during Food Deprivation and Expressed in Neurons of Feeding-Related Nuclei of the Brain. <i>Endocrinology</i> , 2008, 149, 2062-2071.	1.4	309
123	The Secretin GPCRs Descended from the Family of Adhesion GPCRs. <i>Molecular Biology and Evolution</i> , 2008, 26, 71-84.	3.5	107
124	Identification of six putative human transporters with structural similarity to the drug transporter SLC22 family. <i>Genomics</i> , 2007, 90, 595-609.	1.3	78
125	Identification of novel splice variants of Adhesion G protein-coupled receptors. <i>Gene</i> , 2007, 387, 38-48.	1.0	62
126	Formation of new genes explains lower intron density in mammalian Rhodopsin G protein-coupled receptors. <i>Molecular Phylogenetics and Evolution</i> , 2007, 43, 864-880.	1.2	28

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127	Functional characterization of two melanocortin (MC) receptors in lamprey showing orthology to the MC1 and MC4 receptor subtypes. <i>BMC Evolutionary Biology</i> , 2007, 7, 101.	3.2	58
128	The G protein-coupled receptor subset of the rat genome. <i>BMC Genomics</i> , 2007, 8, 338.	1.2	170
129	Quantitative Trait Loci for BMD and Bone Strength in an Intercross Between Domestic and Wildtype Chickens. <i>Journal of Bone and Mineral Research</i> , 2007, 22, 375-384.	3.1	42
130	The Adhesion GPCRs: A unique family of G protein-coupled receptors with important roles in both central and peripheral tissues. <i>Cellular and Molecular Life Sciences</i> , 2007, 64, 2104-2119.	2.4	119
131	Comprehensive comparisons of the current human, mouse, and rat RefSeq, Ensembl, EST, and FANTOM3 datasets: Identification of new human genes with specific tissue expression profile. <i>Biochemical and Biophysical Research Communications</i> , 2006, 348, 1063-1074.	1.0	13
132	Cloning and characterization of a zebrafish Y2 receptor. <i>Regulatory Peptides</i> , 2006, 133, 32-40.	1.9	16
133	Comprehensive repertoire and phylogenetic analysis of the G protein-coupled receptors in human and mouse. <i>Genomics</i> , 2006, 88, 263-273.	1.3	354
134	Fourteen novel human members of mitochondrial solute carrier family 25 (SLC25) widely expressed in the central nervous system. <i>Genomics</i> , 2006, 88, 779-790.	1.3	145
135	Characterization of NPY receptor subtypes Y2 and Y7 in rainbow trout <i>Oncorhynchus mykiss</i> . <i>Peptides</i> , 2006, 27, 1320-1327.	1.2	27
136	Increased mRNA levels of tyrosine hydroxylase and dopamine transporter in the VTA of male rats after chronic food restriction. <i>European Journal of Neuroscience</i> , 2006, 23, 180-186.	1.2	69
137	Neuropeptide Y-family receptors Y6 and Y7 in chicken. <i>FEBS Journal</i> , 2006, 273, 2048-2063.	2.2	54
138	A founder mutation for ichthyosis prematurity syndrome restricted to 76Åkb by haplotype association. <i>Journal of Human Genetics</i> , 2006, 51, 864-871.	1.1	18
139	The G Protein-coupled Receptor Subset of the Chicken Genome. <i>PLoS Computational Biology</i> , 2006, 2, e54.	1.5	104
140	Many QTLs with minor additive effects are associated with a large difference in growth between two selection lines in chickens. <i>Genetical Research</i> , 2005, 86, 115-125.	0.3	99
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