

Helgi Birgir Schiöth

List of Publications by Year in descending order

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Version: 2024-02-01

362
papers

24,550
citations

10979

71
h-index

10152

140
g-index

367
all docs

367
docs citations

367
times ranked

25982
citing authors

#	ARTICLE	IF	CITATIONS
1	The G-Protein-Coupled Receptors in the Human Genome Form Five Main Families. Phylogenetic Analysis, Paralogon Groups, and Fingerprints. <i>Molecular Pharmacology</i> , 2003, 63, 1256-1272.	1.0	2,525
2	Trends in GPCR drug discovery: new agents, targets and indications. <i>Nature Reviews Drug Discovery</i> , 2017, 16, 829-842.	21.5	1,773
3	Structural diversity of G protein-coupled receptors and significance for drug discovery. <i>Nature Reviews Drug Discovery</i> , 2008, 7, 339-357.	21.5	1,251
4	HMDB 5.0: the Human Metabolome Database for 2022. <i>Nucleic Acids Research</i> , 2022, 50, D622-D631.	6.5	736
5	Trends in the exploitation of novel drug targets. <i>Nature Reviews Drug Discovery</i> , 2011, 10, 579-590.	21.5	720
6	The Repertoire of G-Protein-Coupled Receptors in Fully Sequenced Genomes. <i>Molecular Pharmacology</i> , 2005, 67, 1414-1425.	1.0	518
7	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
8	International Union of Basic and Clinical Pharmacology. XCIV. Adhesion G Protein-Coupled Receptors. <i>Pharmacological Reviews</i> , 2015, 67, 338-367.	7.1	392
9	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
10	Trends in kinase drug discovery: targets, indications and inhibitor design. <i>Nature Reviews Drug Discovery</i> , 2021, 20, 839-861.	21.5	340
11	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
12	The Druggable Genome: Evaluation of Drug Targets in Clinical Trials Suggests Major Shifts in Molecular Class and Indication. <i>Annual Review of Pharmacology and Toxicology</i> , 2014, 54, 9-26.	4.2	262
13	Seven evolutionarily conserved human rhodopsin G protein-coupled receptors lacking close relatives. <i>FEBS Letters</i> , 2003, 554, 381-388.	1.3	237
14	The GRAFS classification system of G-protein coupled receptors in comparative perspective. <i>General and Comparative Endocrinology</i> , 2005, 142, 94-101.	0.8	230
15	Loss of Function Mutations of the Human Melanocortin 1 Receptor Are Common and Are Associated with Red Hair. <i>Biochemical and Biophysical Research Communications</i> , 1999, 260, 488-491.	1.0	227
16	The human and mouse repertoire of the adhesion family of G-protein-coupled receptors. <i>Genomics</i> , 2004, 84, 23-33.	1.3	214
17	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
18	Advances in kinase targeting: current clinical use and clinical trials. <i>Trends in Pharmacological Sciences</i> , 2014, 35, 604-620.	4.0	178

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19	The G protein-coupled receptor subset of the rat genome. <i>BMC Genomics</i> , 2007, 8, 338.	1.2	170
20	Recent developments of HDAC inhibitors: Emerging indications and novel molecules. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 4577-4597.	1.1	168
21	The Melanocortin System in Fugu: Determination of POMC/AGRP/MCR Gene Repertoire and Synteny, As Well As Pharmacology and Anatomical Distribution of the MCRs. <i>Molecular Biology and Evolution</i> , 2004, 21, 563-579.	3.5	164
22	Molecular Cloning, Pharmacological Characterization, and Brain Mapping of the Melanocortin 4 Receptor in the Goldfish: Involvement in the Control of Food Intake. <i>Endocrinology</i> , 2003, 144, 2336-2349.	1.4	161
23	G Protein-Coupled Receptor Deorphanizations. <i>Annual Review of Pharmacology and Toxicology</i> , 2013, 53, 127-146.	4.2	156
24	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
25	Major pharmacological distinction of the ACTH receptor from other melanocortin receptors. <i>Life Sciences</i> , 1996, 59, 797-801.	2.0	151
26	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
27	Candidate mechanisms underlying the association between sleep-wake disruptions and Alzheimer's disease. <i>Sleep Medicine Reviews</i> , 2017, 31, 102-111.	3.8	149
28	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
29	Brain Insulin Signaling and Alzheimer's Disease: Current Evidence and Future Directions. <i>Molecular Neurobiology</i> , 2012, 46, 4-10.	1.9	145
30	The central melanocortin system regulates food intake in goldfish. <i>Regulatory Peptides</i> , 2003, 115, 101-113.	1.9	139
31	Sex differences in COVID-19: the role of androgens in disease severity and progression. <i>Endocrine</i> , 2021, 71, 3-8.	1.1	133
32	Genome wide analysis reveals association of a FTO gene variant with epigenetic changes. <i>Genomics</i> , 2012, 99, 132-137.	1.3	132
33	Acute Sleep Loss Induces Tissue-Specific Epigenetic and Transcriptional Alterations to Circadian Clock Genes in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E1255-E1261.	1.8	132
34	Discovery of novel melanocortin4 receptor selective MSH analogues. <i>British Journal of Pharmacology</i> , 1998, 124, 75-82.	2.7	129
35	ACTH- and \pm -MSH-induced grooming, stretching, yawning and penile erection in male rats: Site of action in the brain and role of melanocortin receptors. <i>Brain Research Bulletin</i> , 2000, 51, 425-431.	1.4	127
36	Characterisation of melanocortin receptor subtypes by radioligand binding analysis. <i>European Journal of Pharmacology</i> , 1995, 288, 311-317.	2.7	125

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37	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
38	Many obesity-associated SNPs strongly associate with DNA methylation changes at proximal promoters and enhancers. <i>Genome Medicine</i> , 2015, 7, 103.	3.6	124
39	Selective Antagonist for the Melanocortin 4 Receptor (HS014) Increases Food Intake in Free-Feeding Rats. <i>Biochemical and Biophysical Research Communications</i> , 1998, 245, 90-93.	1.0	121
40	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
41	Evidence for Expression of Melanocortin-1 Receptor in Human Sebocytes In Vitro and In Situ. <i>Journal of Investigative Dermatology</i> , 2002, 118, 533-539.	0.3	118
42	Evolutionary conservation of the structural, pharmacological, and genomic characteristics of the melanocortin receptor subtypes. <i>Peptides</i> , 2005, 26, 1886-1900.	1.2	116
43	Self-reported sleep disturbance is associated with Alzheimer's disease risk in men. <i>Alzheimer's and Dementia</i> , 2015, 11, 1090-1097.	0.4	116
44	A systematic review of resting-state functional-MRI studies in anorexia nervosa: Evidence for functional connectivity impairment in cognitive control and visuospatial and body-signal integration. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 71, 578-589.	2.9	112
45	There exist at least 30 human G-protein-coupled receptors with long Ser/Thr-rich N-termini. <i>Biochemical and Biophysical Research Communications</i> , 2003, 301, 725-734.	1.0	109
46	One melanocortin ϵ 4 and two melanocortin ϵ 5 receptors from zebrafish show remarkable conservation in structure and pharmacology. <i>Journal of Neurochemistry</i> , 2002, 82, 6-18.	2.1	107
47	The Secretin GPCRs Descended from the Family of Adhesion GPCRs. <i>Molecular Biology and Evolution</i> , 2008, 26, 71-84.	3.5	107
48	Hypothalamic FTO is associated with the regulation of energy intake not feeding reward. <i>BMC Neuroscience</i> , 2009, 10, 129.	0.8	107
49	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
50	The G Protein-coupled Receptor Subset of the Chicken Genome. <i>PLoS Computational Biology</i> , 2006, 2, e54.	1.5	104
51	The physiological role of melanocortin receptors. <i>Vitamins and Hormones</i> , 2001, 63, 195-232.	0.7	100
52	BDNF DNA methylation changes as a biomarker of psychiatric disorders: literature review and open access database analysis. <i>Behavioral and Brain Functions</i> , 2016, 12, 17.	1.4	100
53	Pharmacological Characterization of Loss of Function Mutations of the Human Melanocortin 1 Receptor That Are Associated with Red Hair. <i>Journal of Investigative Dermatology</i> , 2004, 123, 917-923.	0.3	98
54	Differential influence of a selective melanocortin MC4 receptor antagonist (HS014) on melanocortin-induced behavioral effects in rats. <i>European Journal of Pharmacology</i> , 1998, 362, 95-101.	1.7	95

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55	Collagen Metabolism Is a Novel Target of the Neuropeptide $\hat{\pm}$ -Melanocyte-stimulating Hormone. <i>Journal of Biological Chemistry</i> , 2004, 279, 6959-6966.	1.6	91
56	A debate on current eating disorder diagnoses in light of neurobiological findings: is it time for a spectrum model?. <i>BMC Psychiatry</i> , 2012, 12, 76.	1.1	90
57	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
58	Novel human G protein-coupled receptors with long N-terminals containing GPS domains and Ser/Thr-rich regions. <i>FEBS Letters</i> , 2002, 531, 407-414.	1.3	86
59	Acute sleep loss results in tissue-specific alterations in genome-wide DNA methylation state and metabolic fuel utilization in humans. <i>Science Advances</i> , 2018, 4, eaar8590.	4.7	86
60	Gene Structure of the Goldfish Agouti-Signaling Protein: A Putative Role in the Dorsal-Ventral Pigment Pattern of Fish. <i>Endocrinology</i> , 2005, 146, 1597-1610.	1.4	85
61	Experimenter gender and replicability in science. <i>Science Advances</i> , 2018, 4, e1701427.	4.7	85
62	Selectivity of Cyclic [d-Nal7] and [d-Phe7] Substituted MSH Analogues for the Melanocortin Receptor Subtypes. <i>Peptides</i> , 1997, 18, 1009-1013.	1.2	84
63	Genome-wide analysis reveals DNA methylation markers that vary with both age and obesity. <i>Gene</i> , 2014, 548, 61-67.	1.0	83
64	Association of feather colour with constitutively active melanocortin 1 receptors in chicken. <i>FEBS Journal</i> , 2003, 270, 1441-1449.	0.2	82
65	The gene repertoire and the common evolutionary history of glutamate, pheromone (V2R), taste(1) and other related G protein-coupled receptors. <i>Gene</i> , 2005, 362, 70-84.	1.0	81
66	Redundancy of a Functional Melanocortin 1 Receptor in the Anti-inflammatory Actions of Melanocortin Peptides: Studies in the Recessive Yellow (<i>e/e</i>) Mouse Suggest an Important Role for Melanocortin 3 Receptor. <i>Journal of Immunology</i> , 2003, 170, 3323-3330.	0.4	80
67	Dietary fat quality impacts genome-wide DNA methylation patterns in a cross-sectional study of Greek preadolescents. <i>European Journal of Human Genetics</i> , 2015, 23, 654-662.	1.4	80
68	General Principles of Neuronal Co-transmission: Insights From Multiple Model Systems. <i>Frontiers in Neural Circuits</i> , 2018, 12, 117.	1.4	80
69	Evidence for involvement of the melanocortin MC4 receptor in the effects of leptin on food intake and body weight. <i>European Journal of Pharmacology</i> , 1998, 360, 15-19.	1.7	78
70	Determinants of Shortened, Disrupted, and Mistimed Sleep and Associated Metabolic Health Consequences in Healthy Humans. <i>Diabetes</i> , 2015, 64, 1073-1080.	0.3	77
71	Intranasal insulin in Alzheimer's disease: Food for thought. <i>Neuropharmacology</i> , 2018, 136, 196-201.	2.0	77
72	The Dispanins: A Novel Gene Family of Ancient Origin That Contains 14 Human Members. <i>PLoS ONE</i> , 2012, 7, e31961.	1.1	74

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73	The Melanocortin 4 Receptor Mediates Leptin Stimulation of Luteinizing Hormone and Prolactin Surges in Steroid-Primed Ovariectomized Rats. <i>Biochemical and Biophysical Research Communications</i> , 1999, 257, 860-864.	1.0	73
74	A Multilab Replication of the Ego Depletion Effect. <i>Social Psychological and Personality Science</i> , 2021, 12, 14-24.	2.4	73
75	Cloning, tissue distribution, pharmacology and three-dimensional modelling of melanocortin receptors 4 and 5 in rainbow trout suggest close evolutionary relationship of these subtypes. <i>Biochemical Journal</i> , 2004, 380, 475-486.	1.7	72
76	Chemical probes to potently and selectively inhibit endocannabinoid cellular reuptake. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E5006-E5015.	3.3	72
77	Long term orexigenic effect of a novel melanocortin 4 receptor selective antagonist. <i>British Journal of Pharmacology</i> , 1999, 126, 27-34.	2.7	70
78	Selective melanocortin MC4 receptor blockage reduces immobilization stress-induced anorexia in rats. <i>European Journal of Pharmacology</i> , 1999, 369, 11-15.	1.7	70
79	Melanocortins and reproduction. <i>Brain Research Reviews</i> , 2002, 38, 340-350.	9.1	69
80	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
81	Autoradiographic discrimination of melanocortin receptors indicates that the MC3 subtype dominates in the medial rat brain. <i>Brain Research</i> , 1998, 810, 161-171.	1.1	68
82	Kiwi genome provides insights into evolution of a nocturnal lifestyle. <i>Genome Biology</i> , 2015, 16, 147.	3.8	68
83	Synaptic changes induced by melanocortin signalling. <i>Nature Reviews Neuroscience</i> , 2014, 15, 98-110.	4.9	66
84	Nine new human Rhodopsin family G-protein coupled receptors: identification, sequence characterisation and evolutionary relationship. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2005, 1722, 235-246.	1.1	65
85	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
86	The role of G protein-coupled receptors in the early evolution of neurotransmission and the nervous system. <i>Journal of Experimental Biology</i> , 2015, 218, 562-571.	0.8	65
87	Advances in the development of new biomarkers for Alzheimer's disease. <i>Translational Neurodegeneration</i> , 2022, 11, 25.	3.6	65
88	Modeling of the three-dimensional structure of the human melanocortin 1 receptor, using an automated method and docking of a rigid cyclic melanocyte-stimulating hormone core peptide. <i>Journal of Molecular Graphics and Modelling</i> , 1997, 15, 307-317.	1.3	64
89	Differential effects of melanocortin peptides on ingestive behaviour in rats: evidence against the involvement of MC3 receptor in the regulation of food intake. <i>Neuroscience Letters</i> , 2000, 283, 1-4.	1.0	64
90	Trends in Antidiabetic Drug Discovery: FDA Approved Drugs, New Drugs in Clinical Trials and Global Sales. <i>Frontiers in Pharmacology</i> , 2021, 12, 807548.	1.6	64

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91	Cloning of two melanocortin (MC) receptors in spiny dogfish. <i>FEBS Journal</i> , 2004, 271, 4320-4331.	0.2	63
92	The melanocortin receptor subtypes in chicken have high preference to ACTH-derived peptides. <i>British Journal of Pharmacology</i> , 2004, 143, 626-637.	2.7	63
93	Feed-forward mechanisms: Addiction-like behavioral and molecular adaptations in overeating. <i>Frontiers in Neuroendocrinology</i> , 2012, 33, 127-139.	2.5	63
94	Soluble ligands as drug targets. <i>Nature Reviews Drug Discovery</i> , 2020, 19, 695-710.	21.5	63
95	Evidence That Orexigenic Effects of Melanocortin 4 Receptor Antagonist HS014 Are Mediated by Neuropeptide Y. <i>Biochemical and Biophysical Research Communications</i> , 1998, 248, 245-249.	1.0	62
96	Long-term administration of MC4 receptor antagonist HS014 causes hyperphagia and obesity in rats. <i>NeuroReport</i> , 1999, 10, 707-711.	0.6	62
97	Identification of novel splice variants of Adhesion G protein-coupled receptors. <i>Gene</i> , 2007, 387, 38-48.	1.0	62
98	Memory impairment induced by IL-1 β is reversed by \pm -MSH through central melanocortin-4 receptors. <i>Brain, Behavior, and Immunity</i> , 2009, 23, 817-822.	2.0	61
99	Acute Sleep Deprivation Increases Serum Levels of Neuron-Specific Enolase (NSE) and S100 Calcium Binding Protein B (S-100B) in Healthy Young Men. <i>Sleep</i> , 2014, 37, 195-198.	0.6	60
100	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
101	Evidence That Physiological Levels of Circulating Leptin Exert a Stimulatory Effect on Luteinizing Hormone and Prolactin Surges in Rats. <i>Biochemical and Biophysical Research Communications</i> , 1999, 263, 162-165.	1.0	58
102	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
103	Expression profile of the entire family of AdhesionG protein-coupled receptors in mouse and rat. <i>BMC Neuroscience</i> , 2008, 9, 43.	0.8	57
104	Heterologous Expression, Biosynthetic Studies, and Ecological Function of the Selective Gq α 6 Signaling Inhibitor FR900359. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 836-840.	7.2	57
105	The role of the melanocortin system and the melanocortin-4 receptor in ring dove (<i>Streptopelia</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.1	56
106	Presence of melanocortin (MC4) receptor in spiny dogfish suggests an ancient vertebrate origin of central melanocortin system. <i>FEBS Journal</i> , 2003, 270, 213-221.	0.2	56
107	Food deprivation increases the expression of melanocortin-4 receptor in the liver of barfin flounder, <i>Verasper moseri</i> . <i>General and Comparative Endocrinology</i> , 2008, 155, 280-287.	0.8	56
108	Two hours of evening reading on a self-luminous tablet vs. reading a physical book does not alter sleep after daytime bright light exposure. <i>Sleep Medicine</i> , 2016, 23, 111-118.	0.8	56

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109	Melanocortin peptides affect the motivation to feed in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>General and Comparative Endocrinology</i> , 2009, 160, 134-138.	0.8	55
110	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
111	The early origin of melanocortin receptors, agouti-related peptide, agouti signalling peptide, and melanocortin receptor-accessory proteins, with emphasis on pufferfishes, elephant shark, lampreys, and amphioxus. <i>European Journal of Pharmacology</i> , 2011, 660, 61-69.	1.7	54
112	Neurological manifestations of COVID-19: A comprehensive literature review and discussion of mechanisms. <i>Journal of Neuroimmunology</i> , 2021, 358, 577658.	1.1	52
113	Deletions of the N-terminal regions of the human melanocortin receptors. <i>FEBS Letters</i> , 1997, 410, 223-228.	1.3	51
114	Inflammatory markers in late pregnancy in association with postpartum depression – A nested case-control study. <i>Psychoneuroendocrinology</i> , 2017, 79, 146-159.	1.3	51
115	Origin of the prolactin-releasing hormone (PRLH) receptors: Evidence of coevolution between PRLH and a redundant neuropeptide Y receptor during vertebrate evolution. <i>Genomics</i> , 2005, 85, 688-703.	1.3	50
116	Long evolutionary conservation and considerable tissue specificity of several atypical solute carrier transporters. <i>Gene</i> , 2011, 478, 11-18.	1.0	50
117	Remarkable similarities between the hemichordate (<i>Saccoglossus kowalevskii</i>) and vertebrate GPCR repertoire. <i>Gene</i> , 2013, 526, 122-133.	1.0	50
118	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
119	Epigenomics of Total Acute Sleep Deprivation in Relation to Genome-Wide DNA Methylation Profiles and RNA Expression. <i>OMICS A Journal of Integrative Biology</i> , 2016, 20, 334-342.	1.0	50
120	Lower inflammatory markers in women with antenatal depression brings the M1/M2 balance into focus from a new direction. <i>Psychoneuroendocrinology</i> , 2017, 80, 15-25.	1.3	48
121	Binding of cyclic and linear MSH core peptides to the melanocortin receptor subtypes. <i>European Journal of Pharmacology</i> , 1997, 319, 369-373.	1.7	47
122	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
123	Acute sleep deprivation in healthy young men: Impact on population diversity and function of circulating neutrophils. <i>Brain, Behavior, and Immunity</i> , 2014, 41, 162-172.	2.0	47
124	Molecular cloning, characterization and brain mapping of the melanocortin 5 receptor in the goldfish. <i>Journal of Neurochemistry</i> , 2003, 87, 1354-1367.	2.1	46
125	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
126	Roles of the melanocortin-4 receptor in antipyretic and hyperthermic actions of centrally administered \pm -MSH. <i>Brain Research</i> , 2004, 1001, 150-158.	1.1	44

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127	Alpha-Melanocyte-Stimulating Hormone through Melanocortin-4 Receptor Inhibits Nitric Oxide Synthase and Cyclooxygenase Expression in the Hypothalamus of Male Rats. <i>Neuroendocrinology</i> , 2004, 79, 278-286.	1.2	44
128	Sleep restriction alters plasma endocannabinoids concentrations before but not after exercise in humans. <i>Psychoneuroendocrinology</i> , 2016, 74, 258-268.	1.3	43
129	An obesity-associated risk allele within the <i>FTO</i> gene affects human brain activity for areas important for emotion, impulse control and reward in response to food images. <i>European Journal of Neuroscience</i> , 2016, 43, 1173-1180.	1.2	43
130	Epigenetic Changes in the CRH Gene are Related to Severity of Suicide Attempt and a General Psychiatric Risk Score in Adolescents. <i>EBioMedicine</i> , 2018, 27, 123-133.	2.7	43
131	Orphan Drugs and Their Impact on Pharmaceutical Development. <i>Trends in Pharmacological Sciences</i> , 2018, 39, 525-535.	4.0	43
132	Remarkable synteny conservation of melanocortin receptors in chicken, human, and other vertebrates. <i>Genomics</i> , 2003, 81, 504-509.	1.3	42
133	High Affinity Agonistic Metal Ion Binding Sites within the Melanocortin 4 Receptor Illustrate Conformational Change of Transmembrane Region 3. <i>Journal of Biological Chemistry</i> , 2003, 278, 51521-51526.	1.6	42
134	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
135	Fat Mass and Obesity-Associated Gene (<i>FTO</i>) Is Linked to Higher Plasma Levels of the Hunger Hormone Ghrelin and Lower Serum Levels of the Satiety Hormone Leptin in Older Adults. <i>Diabetes</i> , 2014, 63, 3955-3959.	0.3	42
136	Associations of self-reported sleep disturbance and duration with academic failure in community-dwelling Swedish adolescents: Sleep and academic performance at school. <i>Sleep Medicine</i> , 2015, 16, 87-93.	0.8	42
137	Analysis of the network of feeding neuroregulators using the Allen Brain Atlas. <i>Neuroscience and Biobehavioral Reviews</i> , 2008, 32, 945-956.	2.9	41
138	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
139	Subliminal versus supraliminal stimuli activate neural responses in anterior cingulate cortex, fusiform gyrus and insula: a meta-analysis of fMRI studies. <i>BMC Psychology</i> , 2014, 2, 52.	0.9	40
140	Dissection of the Anti-Inflammatory Effect of the Core and C-Terminal (KPV) \pm -Melanocyte-Stimulating Hormone Peptides. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 306, 631-637.	1.3	39
141	Association between shift work history and performance on the trail making test in middle-aged and elderly humans: the EpiHealth study. <i>Neurobiology of Aging</i> , 2016, 45, 23-29.	1.5	39
142	Agouti-related peptide prevents steroid-induced luteinizing hormone and prolactin surges in female rats. <i>NeuroReport</i> , 2001, 12, 687-690.	0.6	38
143	The melanin-concentrating hormone receptor 2 (MCH-R2) mediates the effect of MCH to control body color for background adaptation in the barfin flounder. <i>General and Comparative Endocrinology</i> , 2007, 151, 210-219.	0.8	38
144	The common <i>FTO</i> 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

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