

# Helgi Birgir Schiöth

## List of Publications by Year in descending order

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Version: 2024-02-01

362  
papers

24,550  
citations

10986

71  
h-index

10158

140  
g-index

367  
all docs

367  
docs citations

367  
times ranked

25982  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dendritic spine density changes and homeostatic synaptic scaling: a meta-analysis of animal studies. <i>Neural Regeneration Research</i> , 2022, 17, 20.	3.0	4
2	HMDB 5.0: the Human Metabolome Database for 2022. <i>Nucleic Acids Research</i> , 2022, 50, D622-D631.	14.5	736
3	Genetics of anorexia nervosa: An overview of genome-wide association studies and emerging biological links. <i>Journal of Genetics and Genomics</i> , 2022, 49, 1-12.	3.9	6
4	The Statin Target HMG-Coenzyme a Reductase (Hmgcr) Regulates Sleep Homeostasis in <i>Drosophila</i> . <i>Pharmaceuticals</i> , 2022, 15, 79.	3.8	3
5	Phonological working memory is adversely affected in adults with anorexia nervosa: a systematic literature review. <i>Eating and Weight Disorders</i> , 2022, 27, 1931-1952.	2.5	2
6	Can Exposure to Environmental Pollutants Be Associated with Less Effective Chemotherapy in Cancer Patients?. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2064.	2.6	14
7	The Statin Target Hmgcr Regulates Energy Metabolism and Food Intake through Central Mechanisms. <i>Cells</i> , 2022, 11, 970.	4.1	4
8	Role of the Synergistic Interactions of Environmental Pollutants in the Development of Cancer. <i>GeoHealth</i> , 2022, 6, e2021GH000552.	4.0	16
9	Dissecting the Molecular Mechanisms Surrounding Post-COVID-19 Syndrome and Neurological Features. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4275.	4.1	20
10	The influence of personality on the risk of myocardial infarction in UK Biobank cohort. <i>Scientific Reports</i> , 2022, 12, 6706.	3.3	8
11	Advances in the development of new biomarkers for Alzheimer's disease. <i>Translational Neurodegeneration</i> , 2022, 11, 25.	8.0	65
12	Evidence of a Causal Link Between the Well-Being Spectrum and the Risk of Myocardial Infarction: A Mendelian Randomization Study. <i>Frontiers in Genetics</i> , 2022, 13, 842223.	2.3	4
13	GHSR controls food deprivation-induced activation of CRF neurons of the hypothalamic paraventricular nucleus in a LEAP2-dependent manner. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 277.	5.4	8
14	How Sleep-Deprived People See and Evaluate Others' Faces: An Experimental Study. <i>Nature and Science of Sleep</i> , 2022, Volume 14, 867-876.	2.7	5
15	Challenges in Analyzing Functional Epigenetic Data in Perspective of Adolescent Psychiatric Health. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5856.	4.1	0
16	Enhanced Toxicity of Bisphenols Together with UV Filters in Water: Identification of Synergy and Antagonism in Three-Component Mixtures. <i>Molecules</i> , 2022, 27, 3260.	3.8	9
17	Pharmacogenetics and Pain Treatment with a Focus on Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) and Antidepressants: A Systematic Review. <i>Pharmaceutics</i> , 2022, 14, 1190.	4.5	10
18	A Multilab Replication of the Ego Depletion Effect. <i>Social Psychological and Personality Science</i> , 2021, 12, 14-24.	3.9	73

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19	The Beauty of the Zero: Replications and Extensions of the Hidden-Zero Effect in Delay Discounting Tasks. <i>Social Psychological and Personality Science</i> , 2021, 12, 544-549.	3.9	2
20	Rodent and fly models in behavioral neuroscience: An evaluation of methodological advances, comparative research, and future perspectives. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 120, 1-12.	6.1	18
21	Sex differences in COVID-19: the role of androgens in disease severity and progression. <i>Endocrine</i> , 2021, 71, 3-8.	2.3	133
22	Differentiation of two human neuroblastoma cell lines alters SV2 expression patterns. <i>Cellular and Molecular Biology Letters</i> , 2021, 26, 5.	7.0	3
23	High efficacy of onabotulinumtoxinA treatment in patients with comorbid migraine and depression: a meta-analysis. <i>Journal of Translational Medicine</i> , 2021, 19, 133.	4.4	20
24	Depression and Vegetarians: Association between Dietary Vitamin B6, B12 and Folate Intake and Global and Subcortical Brain Volumes. <i>Nutrients</i> , 2021, 13, 1790.	4.1	18
25	Identification of synergistic and antagonistic actions of environmental pollutants: Bisphenols A, S and F in the presence of DEP, DBP, BADGE and BADGE·2HCl in three component mixtures. <i>Science of the Total Environment</i> , 2021, 767, 144286.	8.0	22
26	Recent developments of HDAC inhibitors: Emerging indications and novel molecules. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 4577-4597.	2.4	168
27	Neural activation of anxiety and depression in children and young people: A systematic meta-analysis of fMRI studies. <i>Psychiatry Research - Neuroimaging</i> , 2021, 311, 111272.	1.8	13
28	The <i>Drosophila melanogaster</i> Levodopa-Induced Depression Model Exhibits Negative Geotaxis Deficits and Differential Gene Expression in Males and Females. <i>Frontiers in Neuroscience</i> , 2021, 15, 653470.	2.8	9
29	Therapy response prediction in major depressive disorder: current and novel genomic markers influencing pharmacokinetics and pharmacodynamics. <i>Pharmacogenomics</i> , 2021, 22, 485-503.	1.3	12
30	Differential DNA Methylation of the Genes for Amyloid Precursor Protein, Tau, and Neurofilaments in Human Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2021, 38, 1679-1688.	3.4	18
31	Toll-like receptor 4 methylation grade is linked to depressive symptom severity. <i>Translational Psychiatry</i> , 2021, 11, 371.	4.8	13
32	Multidrug Resistance Like Protein 1 Activity in Malpighian Tubules Regulates Lipid Homeostasis in <i>Drosophila</i> . <i>Membranes</i> , 2021, 11, 432.	3.0	2
33	Important gender differences in psychosomatic and school-related complaints in relation to adolescent weight status. <i>Scientific Reports</i> , 2021, 11, 14147.	3.3	5
34	Perceived stress is related to lower blood pressure in a Swedish cohort. <i>Scandinavian Journal of Public Health</i> , 2021, , 140349482110303.	2.3	1
35	Migraine and gastrointestinal disorders in middle and old age: A UK Biobank study. <i>Brain and Behavior</i> , 2021, 11, e2291.	2.2	16
36	Ghrelin restores memory impairment following olfactory bulbectomy in mice by activating hippocampal NMDA1 and MAPK1 gene expression. <i>Behavioural Brain Research</i> , 2021, 410, 113341.	2.2	2

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37	Characterization of Five Transmembrane Proteins: With Focus on the Tweety, Sideroflexin, and YIP1 Domain Families. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 708754.	3.7	8
38	Trends in kinase drug discovery: targets, indications and inhibitor design. <i>Nature Reviews Drug Discovery</i> , 2021, 20, 839-861.	46.4	340
39	Dibutyl phthalate disrupts conserved circadian rhythm in <i>Drosophila</i> and human cells. <i>Science of the Total Environment</i> , 2021, 783, 147038.	8.0	15
40	Time spent outdoors and risk of myocardial infarction and stroke in middle and old aged adults: Results from the UK Biobank prospective cohort. <i>Environmental Research</i> , 2021, 199, 111350.	7.5	10
41	LEAP2 Impairs the Capability of the Growth Hormone Secretagogue Receptor to Regulate the Dopamine 2 Receptor Signaling. <i>Frontiers in Pharmacology</i> , 2021, 12, 712437.	3.5	13
42	Pharmacological treatment of migraine: Drug classes, mechanisms of action, clinical trials and new treatments. <i>British Journal of Pharmacology</i> , 2021, 178, 4588-4607.	5.4	27
43	Neurological manifestations of COVID-19: A comprehensive literature review and discussion of mechanisms. <i>Journal of Neuroimmunology</i> , 2021, 358, 577658.	2.3	52
44	Association between migraine prevalence, treatment with proton-pump inhibitors and CYP2C19 phenotypes in UK Biobank. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112234.	5.6	4
45	Migraine as a risk factor for mixed symptoms of peripartum depression and anxiety in late pregnancy: A prospective cohort study. <i>Journal of Affective Disorders</i> , 2021, 295, 733-739.	4.1	4
46	Brain Cancer Drug Discovery: Clinical Trials, Drug Classes, Targets, and Combinatorial Therapies. <i>Pharmacological Reviews</i> , 2021, 73, 1172-1203.	16.0	13
47	HPA axis dysregulation is associated with differential methylation of CpG-sites in related genes. <i>Scientific Reports</i> , 2021, 11, 20134.	3.3	19
48	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.	4.1	4
49	The Potential Effect of Insulin on AChE and Its Interactions with Rivastigmine In Vitro. <i>Pharmaceuticals</i> , 2021, 14, 1136.	3.8	5
50	Major sex differences in migraine prevalence among occupational categories: a cross-sectional study using UK Biobank. <i>Journal of Headache and Pain</i> , 2021, 22, 145.	6.0	5
51	Trends in Antidiabetic Drug Discovery: FDA Approved Drugs, New Drugs in Clinical Trials and Global Sales. <i>Frontiers in Pharmacology</i> , 2021, 12, 807548.	3.5	64
52	Differential associations of statin treatment and polymorphism in genes coding for HMGCR and PCSK9 to risk for insomnia. <i>Frontiers in Bioscience</i> , 2021, 26, 1453-1463.	2.1	1
53	Pharmacogenetics in Primary Headache Disorders. <i>Frontiers in Pharmacology</i> , 2021, 12, 820214.	3.5	7
54	Hypermethylation-associated downregulation of microRNA-4456 in hypersexual disorder with putative influence on oxytocin signalling: A DNA methylation analysis of miRNA genes. <i>Epigenetics</i> , 2020, 15, 145-160.	2.7	16

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55	A pharmacogenetic risk score for the evaluation of major depression severity under treatment with antidepressants. <i>Drug Development Research</i> , 2020, 81, 102-113.	2.9	11
56	Association between sleep duration and executive function differs between diabetic and non-diabetic middle-aged and older adults. <i>Psychoneuroendocrinology</i> , 2020, 111, 104472.	2.7	6
57	Pharmacological NOS-1 Inhibition Within the Hippocampus Prevented Expression of Cocaine Sensitization: Correlation with Reduced Synaptic Transmission. <i>Molecular Neurobiology</i> , 2020, 57, 450-460.	4.0	5
58	Major depression subtypes are differentially associated with migraine subtype, prevalence and severity. <i>Cephalalgia</i> , 2020, 40, 347-356.	3.9	12
59	Longitudinal DNA methylation changes at MET may alter HGF/c-MET signalling in adolescents at risk for depression. <i>Epigenetics</i> , 2020, 15, 646-663.	2.7	12
60	Meal timing and subjective sleep disturbances in older men. <i>Experimental Gerontology</i> , 2020, 141, 111089.	2.8	2
61	Opportunities and challenges for drug discovery in modulating Adhesion G protein-coupled receptor (GPCR) functions. <i>Expert Opinion on Drug Discovery</i> , 2020, 15, 1291-1307.	5.0	19
62	Transient Administration of Dopaminergic Precursor Causes Inheritable Overfeeding Behavior in Young <i>Drosophila melanogaster</i> Adults. <i>Brain Sciences</i> , 2020, 10, 487.	2.3	6
63	Important Difference between Occupational Hazard Exposure among Shift Workers and Other Workers; Comparing Workplace before and after 1980. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7495.	2.6	2
64	Soluble ligands as drug targets. <i>Nature Reviews Drug Discovery</i> , 2020, 19, 695-710.	46.4	63
65	Review of the Neural Processes of Working Memory Training: Controlling the Impulse to Throw the Baby Out With the Bathwater. <i>Frontiers in Psychiatry</i> , 2020, 11, 512761.	2.6	17
66	Is there prejudice from thin air? Replicating the effect of emotion on automatic intergroup attitudes. <i>BMC Psychology</i> , 2020, 8, 47.	2.1	6
67	Excitability, synaptic balance, and addiction: The homeostatic dynamics of ionotropic glutamatergic receptors in VTA after cocaine exposure. <i>Behavioral and Brain Functions</i> , 2020, 16, 6.	3.3	6
68	Normal Testosterone but Higher Luteinizing Hormone Plasma Levels in Men With Hypersexual Disorder. <i>Sexual Medicine</i> , 2020, 8, 243-250.	1.6	11
69	CCAP regulates feeding behavior via the NPF pathway in <i>Drosophila</i> adults. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 7401-7408.	7.1	26
70	The Synaptic Scaling Literature: A Systematic Review of Methodologies and Quality of Reporting. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 164.	3.7	15
71	meQTL and ncRNA functional analyses of 102 GWAS-SNPs associated with depression implicate HACE1 and SHANK2 genes. <i>Clinical Epigenetics</i> , 2020, 12, 99.	4.1	19
72	Personality, lifestyle and job satisfaction: causal association between neuroticism and job satisfaction using Mendelian randomisation in the UK biobank cohort. <i>Translational Psychiatry</i> , 2020, 10, 11.	4.8	19

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73	Exposure to the environmental pollutant bisphenol A diglycidyl ether (BADGE) causes cell over-proliferation in <i>Drosophila</i> . <i>Environmental Science and Pollution Research</i> , 2020, 27, 25261-25270.	5.3	12
74	The Cognitive Effects of Statins are Modified by Age. <i>Scientific Reports</i> , 2020, 10, 6187.	3.3	20
75	BCNNM: A Framework for in silico Neural Tissue Development Modeling. <i>Frontiers in Computational Neuroscience</i> , 2020, 14, 588224.	2.1	2
76	Brain and Cognitive Development in Adolescents with Anorexia Nervosa: A Systematic Review of fMRI Studies. <i>Nutrients</i> , 2019, 11, 1907.	4.1	27
77	Olesoxime in neurodegenerative diseases: Scrutinising a promising drug candidate. <i>Biochemical Pharmacology</i> , 2019, 168, 305-318.	4.4	22
78	Functional connectivity underlying hedonic response to food in female adolescents with atypical AN: the role of somatosensory and salience networks. <i>Translational Psychiatry</i> , 2019, 9, 276.	4.8	7
79	Growth hormone secretagogue receptor signalling affects high-fat intake independently of plasma levels of ghrelin and <i>LEAP2</i> , in a 4-day binge eating model. <i>Journal of Neuroendocrinology</i> , 2019, 31, e12785.	2.6	32
80	Preserved white matter microstructure in adolescent patients with atypical anorexia nervosa. <i>International Journal of Eating Disorders</i> , 2019, 52, 166-174.	4.0	16
81	Memory consolidation impairment induced by Interleukin-1 $\beta$ is associated with changes in hippocampal structural plasticity. <i>Behavioural Brain Research</i> , 2019, 370, 111969.	2.2	7
82	Association Between Self-Reported Sleep Duration and Body Composition in Middle-Aged and Older Adults. <i>Journal of Clinical Sleep Medicine</i> , 2019, 15, 431-435.	2.6	15
83	Altered thalamo-cortical and occipital-parietal-temporal-frontal white matter connections in patients with anorexia and bulimia nervosa: a systematic review of diffusion tensor imaging studies. <i>Journal of Psychiatry and Neuroscience</i> , 2019, 44, 324-339.	2.4	24
84	Evidence that genes involved in hedgehog signaling are associated with both bipolar disorder and high BMI. <i>Translational Psychiatry</i> , 2019, 9, 315.	4.8	19
85	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.	3.5	16
86	Plasma levels of leptin and adiponectin and depressive symptoms in young adults. <i>Psychiatry Research</i> , 2019, 272, 1-7.	3.3	17
87	Low neuroticism and cognitive performance are differently associated to overweight and obesity: A cross-sectional and longitudinal UK Biobank study. <i>Psychoneuroendocrinology</i> , 2019, 101, 167-174.	2.7	22
88	A single night of sleep loss impairs objective but not subjective working memory performance in a sex-dependent manner. <i>Journal of Sleep Research</i> , 2019, 28, e12651.	3.2	25
89	Classification of Trispanins: A Diverse Group of Proteins That Function in Membrane Synthesis and Transport Mechanisms. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 386.	3.7	0
90	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.	6.1	43

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91	Experimenter gender and replicability in science. <i>Science Advances</i> , 2018, 4, e1701427.	10.3	85
92	Changes in methylation within the STK32B promoter are associated with an increased risk for generalized anxiety disorder in adolescents. <i>Journal of Psychiatric Research</i> , 2018, 102, 44-51.	3.1	16
93	IL-1 $\beta$ reduces GluA1 phosphorylation and its surface expression during memory reconsolidation and $\beta$ -melanocyte-stimulating hormone can modulate these effects. <i>Neuropharmacology</i> , 2018, 128, 314-323.	4.1	20
94	Intranasal insulin in Alzheimer's disease: Food for thought. <i>Neuropharmacology</i> , 2018, 136, 196-201.	4.1	77
95	Heterologous Expression, Biosynthetic Studies, and Ecological Function of the Selective Gq $\beta$ -Signaling Inhibitor FR900359. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 836-840.	13.8	57
96	Reduced resting-state connectivity in areas involved in processing of face-related social cues in female adolescents with atypical anorexia nervosa. <i>Translational Psychiatry</i> , 2018, 8, 275.	4.8	10
97	Significantly altered peripheral blood cell DNA methylation profile as a result of immediate effect of metformin use in healthy individuals. <i>Clinical Epigenetics</i> , 2018, 10, 156.	4.1	22
98	Plasma stearoyl-CoA desaturase activity indices and bile acid concentrations after a low-fat meal: association with a genetic variant in the <i>FTO</i> gene. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2018, Volume 11, 611-618.	2.4	2
99	Orphan Drugs and Their Impact on Pharmaceutical Development. <i>Trends in Pharmacological Sciences</i> , 2018, 39, 525-535.	8.7	43
100	Reproductive performance of male mice after hypothalamic ghrelin administration. <i>Reproduction</i> , 2018, 156, 121-132.	2.6	6
101	Effects of dietary omega-3 PUFAs on growth and development: Somatic, neurobiological and reproductive functions in a murine model. <i>Journal of Nutritional Biochemistry</i> , 2018, 61, 82-90.	4.2	6
102	Associations Between the Prevalence of Metabolic Syndrome and Sleep Parameters Vary by Age. <i>Frontiers in Endocrinology</i> , 2018, 9, 234.	3.5	12
103	Disruption of Accumbens and Thalamic White Matter Connectivity Revealed by Diffusion Tensor Tractography in Young Men with Genetic Risk for Obesity. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 75.	2.0	12
104	Altered cerebellar-insular-parietal-cingular subnetwork in adolescents in the earliest stages of anorexia nervosa: a network-based statistic analysis. <i>Translational Psychiatry</i> , 2018, 8, 127.	4.8	29
105	Self-reported sleep disturbances and prostate cancer morbidity and mortality in Swedish men: A longitudinal study over 40 years. <i>Journal of Sleep Research</i> , 2018, 27, e12708.	3.2	9
106	Neural Cotransmission in Spinal Circuits Governing Locomotion. <i>Trends in Neurosciences</i> , 2018, 41, 540-550.	8.6	6
107	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.	10.3	86
108	General Principles of Neuronal Co-transmission: Insights From Multiple Model Systems. <i>Frontiers in Neural Circuits</i> , 2018, 12, 117.	2.8	80



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109	Candidate mechanisms underlying the association between sleep-wake disruptions and Alzheimer's disease. <i>Sleep Medicine Reviews</i> , 2017, 31, 102-111.	8.5	149
110	High leptin levels are associated with migraine with aura. <i>Cephalalgia</i> , 2017, 37, 435-441.	3.9	19
111	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.	2.7	48
112	Methylation of HPA axis related genes in men with hypersexual disorder. <i>Psychoneuroendocrinology</i> , 2017, 80, 67-73.	2.7	32
113	Anxiety Disorders are Associated with Low Socioeconomic Status in Women but Not in Men. <i>Women's Health Issues</i> , 2017, 27, 302-307.	2.0	27
114	Inflammatory markers in late pregnancy in association with postpartum depression – A nested case-control study. <i>Psychoneuroendocrinology</i> , 2017, 79, 146-159.	2.7	51
115	A MIR4646 associated methylation locus is hypomethylated in adolescent depression. <i>Journal of Affective Disorders</i> , 2017, 220, 117-128.	4.1	21
116	NAFLD is associated with methylation shifts with relevance for the expression of genes involved in lipoprotein particle composition. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 314-323.	2.4	17
117	Trends in GPCR drug discovery: new agents, targets and indications. <i>Nature Reviews Drug Discovery</i> , 2017, 16, 829-842.	46.4	1,773
118	Resting-state brain connectivity changes in obese women after Roux-en-Y gastric bypass surgery: A longitudinal study. <i>Scientific Reports</i> , 2017, 7, 6616.	3.3	35
119	A genetic risk score is differentially associated with migraine with and without aura. <i>Human Genetics</i> , 2017, 136, 999-1008.	3.8	22
120	A resting-state fMRI study of obese females between pre- and postprandial states before and after bariatric surgery. <i>European Journal of Neuroscience</i> , 2017, 45, 333-341.	2.6	31
121	Adolescents newly diagnosed with eating disorders have structural differences in brain regions linked with eating disorder symptoms. <i>Nordic Journal of Psychiatry</i> , 2017, 71, 188-196.	1.3	13
122	The Role of Working Memory for Cognitive Control in Anorexia Nervosa versus Substance Use Disorder. <i>Frontiers in Psychology</i> , 2017, 8, 1651.	2.1	32
123	Limbic-thalamo-cortical projections and reward-related circuitry integrity affects eating behavior: A longitudinal DTI study in adolescents with restrictive eating disorders. <i>PLoS ONE</i> , 2017, 12, e0172129.	2.5	27
124	Highly diversified expansions shaped the evolution of membrane bound proteins in metazoans. <i>Scientific Reports</i> , 2017, 7, 12387.	3.3	16
125	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.	7.1	72
126	Recurrent Sleep Fragmentation Induces Insulin and Neuroprotective Mechanisms in Middle-Aged Flies. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 180.	3.4	26



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127	Resting-State Brain and the FTO Obesity Risk Allele: Default Mode, Sensorimotor, and Salience Network Connectivity Underlying Different Somatosensory Integration and Reward Processing between Genotypes. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 52.	2.0	29
128	The Drosophila ETV5 Homologue Ets96B: Molecular Link between Obesity and Bipolar Disorder. <i>PLoS Genetics</i> , 2016, 12, e1006104.	3.5	26
129	A targeted analysis reveals relevant shifts in the methylation and transcription of genes responsible for bile acid homeostasis and drug metabolism in non-alcoholic fatty liver disease. <i>BMC Genomics</i> , 2016, 17, 462.	2.8	21
130	Bis(2-ethylhexyl) Phthalate Increases Insulin Expression and Lipid Levels in <i>Drosophila melanogaster</i> . <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016, 119, 309-316.	2.5	14
131	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.	3.3	100
132	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.	3.1	39
133	Dibutyl Phthalate Exposure Disrupts Evolutionarily Conserved Insulin and Glucagon-Like Signaling in <i>Drosophila</i> Males. <i>Endocrinology</i> , 2016, 157, 2309-2321.	2.8	25
134	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.	6.1	112
135	Sleep restriction alters plasma endocannabinoids concentrations before but not after exercise in humans. <i>Psychoneuroendocrinology</i> , 2016, 74, 258-268.	2.7	43
136	A genetic variant in proximity to the gene LYPLAL1 is associated with lower hunger feelings and increased weight loss following Roux-en-Y gastric bypass surgery. <i>Scandinavian Journal of Gastroenterology</i> , 2016, 51, 1050-1055.	1.5	11
137	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.	1.6	56
138	Postprandial alterations in whole-blood DNA methylation are mediated by changes in white blood cell composition. <i>American Journal of Clinical Nutrition</i> , 2016, 104, 518-525.	4.7	17
139	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.	2.0	50
140	One-night sleep deprivation induces changes in the DNA methylation and serum activity indices of stearoyl-CoA desaturase in young healthy men. <i>Lipids in Health and Disease</i> , 2016, 15, 137.	3.0	22
141	A new, simple and robust radioligand binding method used to determine kinetic off-rate constants for unlabeled ligands. Application at $1\pm 2A$ - and $1\pm 2C$ -adrenoceptors. <i>European Journal of Pharmacology</i> , 2016, 788, 113-121.	3.5	5
142	Classification, Nomenclature, and Structural Aspects of Adhesion GPCRs. <i>Handbook of Experimental Pharmacology</i> , 2016, 234, 15-41.	1.8	32
143	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.	2.6	43
144	Longitudinal genome-wide methylation study of Roux-en-Y gastric bypass patients reveals novel CpG sites associated with essential hypertension. <i>BMC Medical Genomics</i> , 2016, 9, 20.	1.5	18

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145	The Drosophila ortholog of TMEM18 regulates insulin and glucagon-like signaling. <i>Journal of Endocrinology</i> , 2016, 229, 233-243.	2.6	19
146	Chenodeoxycholic acid significantly impacts the expression of miRNAs and genes involved in lipid, bile acid and drug metabolism in human hepatocytes. <i>Life Sciences</i> , 2016, 156, 47-56.	4.3	31
147	Topology based identification and comprehensive classification of four-transmembrane helix containing proteins (4TMs) in the human genome. <i>BMC Genomics</i> , 2016, 17, 268.	2.8	10
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