

# Mathias Rask-Andersen

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

4,709  
citations

304743

22  
h-index

214800

47  
g-index

49  
all docs

49  
docs citations

49  
times ranked

9398  
citing authors

#	ARTICLE	IF	CITATIONS
1	Trends in GPCR drug discovery: new agents, targets and indications. <i>Nature Reviews Drug Discovery</i> , 2017, 16, 829-842.	46.4	1,773
2	Trends in the exploitation of novel drug targets. <i>Nature Reviews Drug Discovery</i> , 2011, 10, 579-590.	46.4	720
3	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.	9.4	262
4	Advances in kinase targeting: current clinical use and clinical trials. <i>Trends in Pharmacological Sciences</i> , 2014, 35, 604-620.	8.7	178
5	Contribution of genetics to visceral adiposity and its relation to cardiovascular and metabolic disease. <i>Nature Medicine</i> , 2019, 25, 1390-1395.	30.7	172
6	Genome-wide association study of body fat distribution identifies adiposity loci and sex-specific genetic effects. <i>Nature Communications</i> , 2019, 10, 339.	12.8	163
7	Gene-environment interaction study for BMI reveals interactions between genetic factors and physical activity, alcohol consumption and socioeconomic status. <i>PLoS Genetics</i> , 2017, 13, e1006977.	3.5	125
8	Many obesity-associated SNPs strongly associate with DNA methylation changes at proximal promoters and enhancers. <i>Genome Medicine</i> , 2015, 7, 103.	8.2	124
9	Genome-wide association analysis of 350,000 Caucasians from the UK Biobank identifies novel loci for asthma, hay fever and eczema. <i>Human Molecular Genetics</i> , 2019, 28, 4022-4041.	2.9	110
10	Molecular mechanisms underlying anorexia nervosa: Focus on human gene association studies and systems controlling food intake. <i>Brain Research Reviews</i> , 2010, 62, 147-164.	9.0	106
11	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.	2.6	90
12	Solute carriers as drug targets: Current use, clinical trials and prospective. <i>Molecular Aspects of Medicine</i> , 2013, 34, 702-710.	6.4	89
13	Epigenome-wide association study reveals differential DNA methylation in individuals with a history of myocardial infarction. <i>Human Molecular Genetics</i> , 2016, 25, ddw302.	2.9	88
14	Soluble ligands as drug targets. <i>Nature Reviews Drug Discovery</i> , 2020, 19, 695-710.	46.4	63
15	The relative contribution of DNA methylation and genetic variants on protein biomarkers for human diseases. <i>PLoS Genetics</i> , 2017, 13, e1007005.	3.5	54
16	Orphan Drugs and Their Impact on Pharmaceutical Development. <i>Trends in Pharmacological Sciences</i> , 2018, 39, 525-535.	8.7	43
17	Improved power and precision with whole genome sequencing data in genome-wide association studies of inflammatory biomarkers. <i>Scientific Reports</i> , 2019, 9, 16844.	3.3	43
18	Genetic and expression studies of SMN2 gene in Russian patients with spinal muscular atrophy type II and III. <i>BMC Medical Genetics</i> , 2011, 12, 96.	2.1	36

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19	Differential effects of fluoxetine and venlafaxine on memory recognition: Possible mechanisms of action. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012, 38, 159-167.	4.8	32
20	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.	3.4	32
21	Genetic variants influencing phenotypic variance heterogeneity. <i>Human Molecular Genetics</i> , 2018, 27, 799-810.	2.9	30
22	Tea and coffee consumption in relation to DNA methylation in four European cohorts. <i>Human Molecular Genetics</i> , 2017, 26, 3221-3231.	2.9	25
23	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.	2.8	24
24	Ghrelin effects expression of several genes associated with depression-like behavior. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 56, 227-234.	4.8	23
25	Functional coupling analysis suggests link between the obesity gene FTO and the BDNF-NTRK2 signaling pathway. <i>BMC Neuroscience</i> , 2011, 12, 117.	1.9	22
26	Scrutinizing the FTO locus: compelling evidence for a complex, long-range regulatory context. <i>Human Genetics</i> , 2015, 134, 1183-1193.	3.8	22
27	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
28	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
29	Causal effects of inflammatory protein biomarkers on inflammatory diseases. <i>Science Advances</i> , 2021, 7, eabl4359.	10.3	18
30	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
31	Epigenome-wide DNA methylation study of IgE concentration in relation to self-reported allergies. <i>Epigenomics</i> , 2017, 9, 407-418.	2.1	17
32	Breast-feeding and risk of asthma, hay fever, and eczema. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1157-1159.e9.	2.9	17
33	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
34	A combined genome-wide association and molecular study of age-related hearing loss in <i>H. sapiens</i> . <i>BMC Medicine</i> , 2021, 19, 302.	5.5	16
35	Obsessive-compulsivity and working memory are associated with differential prefrontal cortex and insula activation in adolescents with a recent diagnosis of an eating disorder. <i>Psychiatry Research - Neuroimaging</i> , 2014, 224, 246-253.	1.8	15
36	Reduced vasopressin receptors activation mediates the anti-depressant effects of fluoxetine and venlafaxine in bulbectomy model of depression. <i>Psychopharmacology</i> , 2016, 233, 1077-1086.	3.1	15

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37	Modification of Heritability for Educational Attainment and Fluid Intelligence by Socioeconomic Deprivation in the UK Biobank. <i>American Journal of Psychiatry</i> , 2021, 178, 625-634.	7.2	15
38	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.	2.1	14
39	Association of the LINGO2-related SNP rs10968576 with body mass in a cohort of elderly Swedes. <i>Molecular Genetics and Genomics</i> , 2015, 290, 1485-1491.	2.1	13
40	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
41	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.	2.5	8
42	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.	2.5	7
43	The role of DNA methylation in the pathogenesis of disease: what can epigenome-wide association studies tell?. <i>Epigenomics</i> , 2016, 8, 5-7.	2.1	6
44	Insulin receptor-like ectodomain genes and splice variants are found in both arthropods and human brain cDNA. <i>Journal of Systematics and Evolution</i> , 2013, 51, 664-670.	3.1	4
45	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.	0.9	4
46	Accelerated epigenetic aging in suicide attempters uninfluenced by high intent-to-die and choice of lethal methods. <i>Translational Psychiatry</i> , 2022, 12, .	4.8	3
47	HPA-axis dysregulation is not associated with accelerated epigenetic aging in patients with hypersexual disorder. <i>Psychoneuroendocrinology</i> , 2022, 141, 105765.	2.7	2