

Matthias Nauck

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5591981/publications.pdf>

Version: 2024-02-01

45
papers

8,523
citations

331670

21
h-index

276875

41
g-index

47
all docs

47
docs citations

47
times ranked

19660
citing authors

#	ARTICLE	IF	CITATIONS
1	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014, 46, 1173-1186.	21.4	1,818
2	Systematic identification of trans eQTLs as putative drivers of known disease associations. <i>Nature Genetics</i> , 2013, 45, 1238-1243.	21.4	1,544
3	Cohort Profile: The Study of Health in Pomerania. <i>International Journal of Epidemiology</i> , 2011, 40, 294-307.	1.9	876
4	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. <i>Nature Genetics</i> , 2013, 45, 145-154.	21.4	675
5	Large-scale cis- and trans-eQTL analyses identify thousands of genetic loci and polygenic scores that regulate blood gene expression. <i>Nature Genetics</i> , 2021, 53, 1300-1310.	21.4	590
6	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019, 51, 957-972.	21.4	549
7	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. <i>Nature Communications</i> , 2016, 7, 10023.	12.8	412
8	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. <i>American Journal of Human Genetics</i> , 2018, 103, 691-706.	6.2	326
9	Seventy-five genetic loci influencing the human red blood cell. <i>Nature</i> , 2012, 492, 369-375.	27.8	320
10	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , 2019, 51, 1459-1474.	21.4	251
11	Genome-Wide Association and Functional Follow-Up Reveals New Loci for Kidney Function. <i>PLoS Genetics</i> , 2012, 8, e1002584.	3.5	166
12	Age-Specific Reference Ranges for Serum Testosterone and Androstenedione Concentrations in Women Measured by Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 408-415.	3.6	148
13	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. <i>Nature Communications</i> , 2019, 10, 4130.	12.8	133
14	Genetic studies of urinary metabolites illuminate mechanisms of detoxification and excretion in humans. <i>Nature Genetics</i> , 2020, 52, 167-176.	21.4	101
15	Association between waist circumference and gray matter volume in 2344 individuals from two adult community-based samples. <i>NeuroImage</i> , 2015, 122, 149-157.	4.2	90
16	Analyzing Illumina Gene Expression Microarray Data from Different Tissues: Methodological Aspects of Data Analysis in the MetaXpress Consortium. <i>PLoS ONE</i> , 2012, 7, e50938.	2.5	71
17	Differentially expressed genes reflect disease-induced rather than disease-causing changes in the transcriptome. <i>Nature Communications</i> , 2021, 12, 5647.	12.8	61
18	Evidence for Stress-like Alterations in the HPA-Axis in Women Taking Oral Contraceptives. <i>Scientific Reports</i> , 2017, 7, 14111.	3.3	51

#	ARTICLE	IF	CITATIONS
19	Monitoring the prevalence of thyroid disorders in the adult population of Northeast Germany. <i>Population Health Metrics</i> , 2016, 14, 39.	2.7	43
20	Abdominal obesity modifies long-term associations between periodontitis and markers of systemic inflammation. <i>Atherosclerosis</i> , 2014, 235, 351-357.	0.8	30
21	Meta-analyses identify DNA methylation associated with kidney function and damage. <i>Nature Communications</i> , 2021, 12, 7174.	12.8	30
22	Associations of trauma exposure and post-traumatic stress disorder with the activity of the renin-angiotensin-aldosterone-system in the general population. <i>Psychological Medicine</i> , 2019, 49, 843-851.	4.5	27
23	DNA methylation signature of chronic low-grade inflammation and its role in cardio-respiratory diseases. <i>Nature Communications</i> , 2022, 13, 2408.	12.8	26
24	A metabolome-wide association study in the general population reveals decreased levels of serum laurylcarnitine in people with depression. <i>Molecular Psychiatry</i> , 2021, 26, 7372-7383.	7.9	23
25	Quality assurance in the pre-analytical phase of human urine samples by ¹ H NMR spectroscopy. <i>Archives of Biochemistry and Biophysics</i> , 2016, 589, 10-17.	3.0	20
26	Association of sex hormones with physical, laboratory, and imaging markers of anthropometry in men and women from the general population. <i>PLoS ONE</i> , 2018, 13, e0189042.	2.5	20
27	Metabolomic profiling implicates adiponectin as mediator of a favorable lipoprotein profile associated with NT-proBNP. <i>Cardiovascular Diabetology</i> , 2018, 17, 120.	6.8	19
28	The Integrated Research Biobank of the University Medicine Greifswald. <i>Open Journal of Bioresources</i> , 2020, 7, .	1.5	16
29	Mortality is associated with inflammation, anemia, specific diseases and treatments, and molecular markers. <i>PLoS ONE</i> , 2017, 12, e0175909.	2.5	12
30	Potassium "reference intervals for lithium-heparin plasma and serum from a population-based cohort / Kalium "Referenzbereiche für Lithium-Heparin-Plasma und Serum aus einer bevölkerungsbezogenen Studie. <i>Laboratoriums Medizin</i> , 2010, 34, 39-44.	0.6	10
31	Genome-wide association and targeted analysis of copy number variants with psoriatic arthritis in German patients. <i>BMC Medical Genetics</i> , 2017, 18, 92.	2.1	8
32	Epigenome-wide association study of serum urate reveals insights into urate co-regulation and the SLC2A9 locus. <i>Nature Communications</i> , 2021, 12, 7173.	12.8	8
33	Living alone and activation of the renin-angiotensin-aldosterone-system: Differential effects depending on alexithymic personality features. <i>Journal of Psychosomatic Research</i> , 2017, 96, 42-48.	2.6	7
34	Sex differences in the association between basal serum cortisol concentrations and cortical thickness. <i>Neurobiology of Stress</i> , 2021, 15, 100416.	4.0	7
35	APOE ϵ 4 in Depression-Associated Memory Impairment" Evidence from Genetic and MicroRNA Analyses. <i>Biomedicines</i> , 2022, 10, 1560.	3.2	7
36	Broad Metabolome Alterations Associated with the Intake of Oral Contraceptives Are Mediated by Cortisol in Premenopausal Women. <i>Metabolites</i> , 2021, 11, 193.	2.9	6

#	ARTICLE	IF	CITATIONS
37	Impact of physical activity of individuals and creatine kinase on 99th percentiles of troponin I assays. Clinica Chimica Acta, 2016, 462, 187-192.	1.1	5
38	Genetics of osteopontin in patients with chronic kidney disease: The German Chronic Kidney Disease study. PLoS Genetics, 2022, 18, e1010139.	3.5	5
39	Variability of biomarkers used for the classification of metabolic syndrome: A repeated measurements study. Nutrition, Metabolism and Cardiovascular Diseases, 2022, 32, 1693-1702.	2.6	5
40	Association of Cardiopulmonary Exercise Capacity and Adipokines in the General Population. International Journal of Sports Medicine, 2022, 43, 616-624.	1.7	4
41	Lack of Significant Association between Sex Hormone Concentrations and Atopic Dermatitis in Adolescents and Adults in Two Population-Based Studies. Journal of Investigative Dermatology, 2021, , .	0.7	2
42	HbA1c determination – A new diagnostic criterion? 1. Laboratoriums Medizin, 2009, 33, -.	0.6	0
43	Reply:. Hepatology, 2010, 51, 720-721. Influence of gender, age, body mass index, abdominal fat and serum levels (HDL-C, glucose,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 482 T	7.3	0
44	insulin tolerance tests / Einfluss von Geschlecht, Lebensalter, BMI, Bauchumfang und laborchemischen Parametern (HDL-C, Glukose, Triglyzeride, IGF-1) auf den Wachstumshormon-Anstieg nach der DurchfÅ¼hrung eines GHRH+Arginin- und eines Insulin-Toleranz-Tests. Laboratoriums Medizin, 2010, 34, 45-51.	0.6	0
45	Challenges in the measurement of serum testosterone concentrations as a biomarker of men's health 1. Laboratoriums Medizin, 2011, 35, -.	0.6	0