Matthias Nauck

List of Publications by Year
in descending order

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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	Association of Cardiopulmonary Exercise Capacity and Adipokines in the General Population. International Journal of Sports Medicine, 2022, 43, 616-624.	1.7	4
2	Genetics of osteopontin in patients with chronic kidney disease: The German Chronic Kidney Disease study. PLoS Genetics, 2022, 18, e1010139.	3.5	5
3	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
4	DNA methylation signature of chronic low-grade inflammation and its role in cardio-respiratory diseases. Nature Communications, 2022, 13, 2408.	12.8	26
5	APOE Îµ4 in Depression-Associated Memory Impairmentâ€"Evidence from Genetic and MicroRNA Analyses. Biomedicines, 2022, 10, 1560.	3.2	7
6	Broad Metabolome Alterations Associated with the Intake of Oral Contraceptives Are Mediated by Cortisol in Premenopausal Women. Metabolites, 2021, 11, 193.	2.9	6
7	A metabolome-wide association study in the general population reveals decreased levels of serum laurylcarnitine in people with depression. Molecular Psychiatry, 2021, 26, 7372-7383.	7.9	23
8	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
9	Large-scale cis- and trans-eQTL analyses identify thousands of genetic loci and polygenic scores that regulate blood gene expression. Nature Genetics, 2021, 53, 1300-1310.	21.4	590
10	Differentially expressed genes reflect disease-induced rather than disease-causing changes in the transcriptome. Nature Communications, 2021, 12, 5647.	12.8	61
11	Sex differences in the association between basal serum cortisol concentrations and cortical thickness. Neurobiology of Stress, 2021, 15, 100416.	4.0	7
12	Epigenome-wide association study of serum urate reveals insights into urate co-regulation and the SLC2A9 locus. Nature Communications, 2021, 12, 7173.	12.8	8
13	Meta-analyses identify DNA methylation associated with kidney function and damage. Nature Communications, 2021, 12, 7174.	12.8	30
14	Genetic studies of urinary metabolites illuminate mechanisms of detoxification and excretion in humans. Nature Genetics, 2020, 52, 167-176.	21.4	101
15	The Integrated Research Biobank of the University Medicine Greifswald. Open Journal of Bioresources, 2020, 7, .	1.5	16
16	Associations of trauma exposure and post-traumatic stress disorder with the activity of the reninâ€"angiotensinâ€"aldosterone-system in the general population. Psychological Medicine, 2019, 49, 843-851.	4.5	27
17	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. Nature Communications, 2019, 10, 4130.	12.8	133
18	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. Nature Genetics, 2019, 51, 1459-1474.	21.4	251

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19	A catalog of genetic loci associated with kidney function from analyses of a million individuals. Nature Genetics, 2019, 51, 957-972.	21.4	549
20	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. American Journal of Human Genetics, 2018, 103, 691-706.	6.2	326
21	Metabolomic profiling implicates adiponectin as mediator of a favorable lipoprotein profile associated with NT-proBNP. Cardiovascular Diabetology, 2018, 17, 120.	6.8	19
22	Association of sex hormones with physical, laboratory, and imaging markers of anthropometry in men and women from the general population. PLoS ONE, 2018, 13, e0189042.	2.5	20
23	Living alone and activation of the renin-angiotensin-aldosterone-system: Differential effects depending on alexithymic personality features. Journal of Psychosomatic Research, 2017, 96, 42-48.	2.6	7
24	Evidence for Stress-like Alterations in the HPA-Axis in Women Taking Oral Contraceptives. Scientific Reports, 2017, 7, 14111.	3.3	51
25	Genome-wide association and targeted analysis of copy number variants with psoriatic arthritis in German patients. BMC Medical Genetics, 2017, 18, 92.	2.1	8
26	Mortality is associated with inflammation, anemia, specific diseases and treatments, and molecular markers. PLoS ONE, 2017, 12, e0175909.	2.5	12
27	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
28	Monitoring the prevalence of thyroid disorders in the adult population of Northeast Germany. Population Health Metrics, 2016, 14, 39.	2.7	43
29	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. Nature Communications, 2016, 7, 10023.	12.8	412
30	Quality assurance in the pre-analytical phase of human urine samples by 1H NMR spectroscopy. Archives of Biochemistry and Biophysics, 2016, 589, 10-17.	3.0	20
31	Association between waist circumference and gray matter volume in 2344 individuals from two adult community-based samples. NeuroImage, 2015, 122, 149-157.	4.2	90
32	Defining the role of common variation in the genomic and biological architecture of adult human height. Nature Genetics, 2014, 46, 1173-1186.	21.4	1,818
33	Abdominal obesity modifies long-term associations between periodontitis and markers of systemic inflammation. Atherosclerosis, 2014, 235, 351-357.	0.8	30
34	Systematic identification of trans eQTLs as putative drivers of known disease associations. Nature Genetics, 2013, 45, 1238-1243.	21.4	1,544
35	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. Nature Genetics, 2013, 45, 145-154.	21.4	675
36	Genome-Wide Association and Functional Follow-Up Reveals New Loci for Kidney Function. PLoS Genetics, 2012, 8, e1002584.	3.5	166

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37	Seventy-five genetic loci influencing the human red blood cell. Nature, 2012, 492, 369-375.	27.8	320
38	Age-Specific Reference Ranges for Serum Testosterone and Androstenedione Concentrations in Women Measured by Liquid Chromatography-Tandem Mass Spectrometry. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 408-415.	3.6	148
39	Analyzing Illumina Gene Expression Microarray Data from Different Tissues: Methodological Aspects of Data Analysis in the MetaXpress Consortium. PLoS ONE, 2012, 7, e50938.	2.5	71
40	Cohort Profile: The Study of Health in Pomerania. International Journal of Epidemiology, 2011, 40, 294-307.	1.9	876
41	Challenges in the measurement of serum testosterone concentrations as a biomarker of men's health 1. Laboratoriums Medizin, 2011, 35, -.	0.6	0
42	Reply:. Hepatology, 2010, 51, 720-721.	7.3	0
43	Influence of gender, age, body mass index, abdominal fat and serum levels (HDL-C, glucose,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf insulin tolerance tests / Einfluss von Geschlecht, Lebensalter, BMI, Bauchumfang und laborchemischen Parametern (HDL-C, Glukose, Triglyzeride, IGF-1) auf den Wachstumshormon-Anstieg nach der DurchfÃ¼hrung eines GHRH+Arginin- und eines Insulin-Toleranz-Tests. Laboratoriums Medizin, 2010, 34, 45-51.	0.6	0
44	Potassium â€“ reference intervals for lithium-heparin plasma and serum from a population-based cohort / Kalium â€“ Referenzbereiche fÃ¼r Lithium-Heparin-Plasma und Serum aus einer bevÃ¶lkerungsbezogenen Studie. Laboratoriums Medizin, 2010, 34, 39-44.	0.6	10
45	HbA1c determination â€“ A new diagnostic criterion? 1. Laboratoriums Medizin, 2009, 33, -.	0.6	0