

Peter Vollenweider

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2761565/publications.pdf>

Version: 2024-02-01

231
papers

32,009
citations

15504

65
h-index

5120

166
g-index

243
all docs

243
docs citations

243
times ranked

39130
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological, clinical and population relevance of 95 loci for blood lipids. <i>Nature</i> , 2010, 466, 707-713.	27.8	3,249
2	Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , 2013, 45, 1274-1283.	21.4	2,641
3	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. <i>Nature</i> , 2011, 478, 103-109.	27.8	1,855
4	Six new loci associated with body mass index highlight a neuronal influence on body weight regulation. <i>Nature Genetics</i> , 2009, 41, 25-34.	21.4	1,572
5	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	27.8	1,328
6	Genome-wide association study identifies 74 loci associated with educational attainment. <i>Nature</i> , 2016, 533, 539-542.	27.8	1,204
7	Genome-wide association study identifies eight loci associated with blood pressure. <i>Nature Genetics</i> , 2009, 41, 666-676.	21.4	1,104
8	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. <i>Nature Genetics</i> , 2018, 50, 1412-1425.	21.4	924
9	Genetic variants associated with subjective well-being, depressive symptoms, and neuroticism identified through genome-wide analyses. <i>Nature Genetics</i> , 2016, 48, 624-633.	21.4	870
10	Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. <i>Nature Genetics</i> , 2010, 42, 949-960.	21.4	836
11	Socioeconomic status and the 25–25 risk factors as determinants of premature mortality: a multicohort study and meta-analysis of 1.7 million men and women. <i>Lancet</i> , 2017, 389, 1229-1237.	13.7	825
12	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. <i>Nature Genetics</i> , 2013, 45, 501-512.	21.4	578
13	The CoLaus study: a population-based study to investigate the epidemiology and genetic determinants of cardiovascular risk factors and metabolic syndrome. <i>BMC Cardiovascular Disorders</i> , 2008, 8, 6.	1.7	568
14	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
15	Parent-of-origin-specific allelic associations among 106 genomic loci for age at menarche. <i>Nature</i> , 2014, 514, 92-97.	27.8	548
16	Genomic analyses identify hundreds of variants associated with age at menarche and support a role for puberty timing in cancer risk. <i>Nature Genetics</i> , 2017, 49, 834-841.	21.4	426
17	Genome-wide associations for birth weight and correlations with adult disease. <i>Nature</i> , 2016, 538, 248-252.	27.8	406
18	Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. <i>Nature Genetics</i> , 2011, 43, 1005-1011.	21.4	403

#	ARTICLE	IF	CITATIONS
19	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. <i>Nature Genetics</i> , 2019, 51, 804-814.	21.4	402
20	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. <i>Nature Genetics</i> , 2016, 48, 1171-1184.	21.4	362
21	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021, 53, 840-860.	21.4	341
22	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. <i>PLoS Genetics</i> , 2015, 11, e1005378.	3.5	331
23	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
24	Genome-Wide Association Study of Blood Pressure Extremes Identifies Variant near UMOD Associated with Hypertension. <i>PLoS Genetics</i> , 2010, 6, e1001177.	3.5	312
25	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , 2016, 48, 1462-1472.	21.4	284
26	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , 2019, 51, 1459-1474.	21.4	251
27	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , 2016, 7, 10495.	12.8	245
28	Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. <i>Molecular Psychiatry</i> , 2015, 20, 647-656.	7.9	235
29	Genome-Wide Association Study of Major Recurrent Depression in the U.K. Population. <i>American Journal of Psychiatry</i> , 2010, 167, 949-957.	7.2	221
30	The NoSAS score for screening of sleep-disordered breathing: a derivation and validation study. <i>Lancet Respiratory Medicine</i> , 2016, 4, 742-748.	10.7	210
31	<i>KLB</i> is associated with alcohol drinking, and its gene product β -Klotho is necessary for FGF21 regulation of alcohol preference. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14372-14377.	7.1	208
32	Novel loci affecting iron homeostasis and their effects in individuals at risk for hemochromatosis. <i>Nature Communications</i> , 2014, 5, 4926.	12.8	192
33	Low birth weight leads to obesity, diabetes and increased leptin levels in adults: the CoLaus study. <i>Cardiovascular Diabetology</i> , 2016, 15, 73.	6.8	190
34	Genetic insights into biological mechanisms governing human ovarian ageing. <i>Nature</i> , 2021, 596, 393-397.	27.8	183
35	The PsyCoLaus study: methodology and characteristics of the sample of a population-based survey on psychiatric disorders and their association with genetic and cardiovascular risk factors. <i>BMC Psychiatry</i> , 2009, 9, 9.	2.6	182
36	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015, 523, 459-462.	27.8	173

#	ARTICLE	IF	CITATIONS
37	Depression With Atypical Features and Increase in Obesity, Body Mass Index, Waist Circumference, and Fat Mass. <i>JAMA Psychiatry</i> , 2014, 71, 880.	11.0	169
38	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , 2017, 8, 14977.	12.8	169
39	Plasma Dihydroceramides Are Diabetes Susceptibility Biomarker Candidates in Mice and Humans. <i>Cell Reports</i> , 2017, 18, 2269-2279.	6.4	168
40	Genome-Wide Association and Functional Follow-Up Reveals New Loci for Kidney Function. <i>PLoS Genetics</i> , 2012, 8, e1002584.	3.5	166
41	Prevalence and determinants of rapid eye movement sleep behavior disorder in the general population. <i>Sleep</i> , 2018, 41, .	1.1	163
42	Genome-wide physical activity interactions in adiposity â€• A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017, 13, e1006528.	3.5	158
43	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. <i>Nature Communications</i> , 2016, 7, 10494.	12.8	153
44	Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. <i>Nature Communications</i> , 2017, 8, 80.	12.8	147
45	FTO genetic variants, dietary intake and body mass index: insights from 177 330 individuals. <i>Human Molecular Genetics</i> , 2014, 23, 6961-6972.	2.9	143
46	Dose-dependent positive association between cigarette smoking, abdominal obesity and body fat: cross-sectional data from a population-based survey. <i>BMC Public Health</i> , 2011, 11, 23.	2.9	141
47	Age and gender variations of sleep in subjects without sleep disorders. <i>Annals of Medicine</i> , 2015, 47, 482-491.	3.8	132
48	Genome-wide Association Studies Identify Genetic Loci Associated With Albuminuria in Diabetes. <i>Diabetes</i> , 2016, 65, 803-817.	0.6	131
49	Novel Blood Pressure Locus and Gene Discovery Using Genome-Wide Association Study and Expression Data Sets From Blood and the Kidney. <i>Hypertension</i> , 2017, 70, .	2.7	123
50	Effects of short- and long-term exposures to particulate matter on inflammatory marker levels in the general population. <i>Environmental Science and Pollution Research</i> , 2019, 26, 19697-19704.	5.3	123
51	Genome-wide meta-analysis associates HLA-DQA1/DRB1 and LPA and lifestyle factors with human longevity. <i>Nature Communications</i> , 2017, 8, 910.	12.8	118
52	A genome-wide association meta-analysis on lipoprotein (a) concentrations adjusted for apolipoprotein (a) isoforms. <i>Journal of Lipid Research</i> , 2017, 58, 1834-1844.	4.2	114
53	Seasonality of cardiovascular risk factors: an analysis including over 230â€¦000 participants in 15 countries. <i>Heart</i> , 2014, 100, 1517-1523.	2.9	113
54	Genome-wide association study of kidney function decline in individuals of European descent. <i>Kidney International</i> , 2015, 87, 1017-1029.	5.2	113

#	ARTICLE	IF	CITATIONS
55	Prevalence and determinants of periodic limb movements in the general population. <i>Annals of Neurology</i> , 2016, 79, 464-474.	5.3	112
56	Insulin Resistance, Defective Insulin Receptor Substrate 2--Associated Phosphatidylinositol-3' Kinase Activation, and Impaired Atypical Protein Kinase C (Å/Å) Activation in Myotubes From Obese Patients With Impaired Glucose Tolerance. <i>Diabetes</i> , 2002, 51, 1052-1059.	0.6	105
57	Sleep characteristics and cognitive impairment in the general population. <i>Neurology</i> , 2017, 88, 463-469.	1.1	105
58	A genomic approach to therapeutic target validation identifies a glucose-lowering <i>GLP1R</i> variant protective for coronary heart disease. <i>Science Translational Medicine</i> , 2016, 8, 341ra76.	12.4	100
59	1000 Genomes-based meta-analysis identifies 10 novel loci for kidney function. <i>Scientific Reports</i> , 2017, 7, 45040.	3.3	98
60	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. <i>PLoS ONE</i> , 2018, 13, e0198166.	2.5	94
61	Genome-Wide Association Study of Metabolic Traits Reveals Novel Gene-Metabolite-Disease Links. <i>PLoS Genetics</i> , 2014, 10, e1004132.	3.5	86
62	Common Variants in <i>UMOD</i> Associate with Urinary Uromodulin Levels. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 1869-1882.	6.1	85
63	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019, 10, 4957.	12.8	84
64	Novel Approach Identifies SNPs in <i>SLC2A10</i> and <i>KCNK9</i> with Evidence for Parent-of-Origin Effect on Body Mass Index. <i>PLoS Genetics</i> , 2014, 10, e1004508.	3.5	80
65	Prospective associations of depression subtypes with cardio-metabolic risk factors in the general population. <i>Molecular Psychiatry</i> , 2017, 22, 1026-1034.	7.9	80
66	Genome-wide association study identifies 48 common genetic variants associated with handedness. <i>Nature Human Behaviour</i> , 2021, 5, 59-70.	12.0	79
67	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. <i>Nature Communications</i> , 2016, 7, 13357.	12.8	74
68	Effects of Long-Term Averaging of Quantitative Blood Pressure Traits on the Detection of Genetic Associations. <i>American Journal of Human Genetics</i> , 2014, 95, 49-65.	6.2	73
69	Association between Inflammatory and Obesity Markers in a Swiss Population-Based Sample (CoLaus) <i>Tj ETQq1 1 0,784314 rgBT / Overl</i>	3.4	69
70	The cytokines HGF and CXCL13 predict the severity and the mortality in COVID-19 patients. <i>Nature Communications</i> , 2021, 12, 4888.	12.8	67
71	Impact of sex and menopausal status on the prevalence, clinical presentation, and comorbidities of sleep-disordered breathing. <i>Sleep Medicine</i> , 2018, 51, 29-36.	1.6	65
72	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , 2019, 10, 376.	12.8	64

#	ARTICLE	IF	CITATIONS
73	Modulation of Genetic Associations with Serum Urate Levels by Body-Mass-Index in Humans. PLoS ONE, 2015, 10, e0119752.	2.5	64
74	Multi-ancestry sleep-by-SNP interaction analysis in 126,926 individuals reveals lipid loci stratified by sleep duration. Nature Communications, 2019, 10, 5121.	12.8	62
75	Prevalence, awareness, treatment and control of high blood pressure in a Swiss city general population: the CoLaus study. European Journal of Cardiovascular Prevention and Rehabilitation, 2009, 16, 66-72.	2.8	61
76	Plasma Concentrations of Afamin Are Associated With Prevalent and Incident Type 2 Diabetes: A Pooled Analysis in More Than 20,000 Individuals. Diabetes Care, 2017, 40, 1386-1393.	8.6	59
77	Associations between mood, anxiety or substance use disorders and inflammatory markers after adjustment for multiple covariates in a population-based study. Journal of Psychiatric Research, 2014, 58, 36-45.	3.1	58
78	Meta-analysis identifies novel risk loci and yields systematic insights into the biology of male-pattern baldness. Nature Communications, 2017, 8, 14694.	12.8	58
79	A genetic risk score combining 32 SNPs is associated with body mass index and improves obesity prediction in people with major depressive disorder. BMC Medicine, 2015, 13, 86.	5.5	56
80	Low compliance with dietary recommendations for food intake among adults. Clinical Nutrition, 2013, 32, 783-788.	5.0	55
81	Sleep Characteristics in Early Stages of Chronic Kidney Disease in the HypnoLaus Cohort. Sleep, 2016, 39, 945-953.	1.1	51
82	Prevalence and factors associated with fatigue in the Lausanne middle-aged population: a population-based, cross-sectional survey. BMJ Open, 2019, 9, e027070.	1.9	51
83	A Systematic Review of Biomarkers and Risk of Incident Type 2 Diabetes: An Overview of Epidemiological, Prediction and Aetiological Research Literature. PLoS ONE, 2016, 11, e0163721.	2.5	51
84	Vitamin D and cognitive function: A Mendelian randomisation study. Scientific Reports, 2017, 7, 13230.	3.3	50
85	Prevalence and determinants of polypharmacy in Switzerland: data from the CoLaus study. BMC Health Services Research, 2017, 17, 840.	2.2	50
86	Trends in self-reported prevalence and management of hypertension, hypercholesterolemia and diabetes in Swiss adults, 1997-2007. BMC Public Health, 2011, 11, 114.	2.9	48
87	Association of grip strength with cardiovascular risk markers. European Journal of Preventive Cardiology, 2017, 24, 514-521.	1.8	47
88	Clinical significance of periodic limb movements during sleep: the HypnoLaus study. Sleep Medicine, 2018, 41, 45-50.	1.6	47
89	A genome-wide association meta-analysis on apolipoprotein A-IV concentrations. Human Molecular Genetics, 2016, 25, 3635-3646.	2.9	46
90	Cysteine-rich angiogenic inducer 61 (Cyr61): a novel soluble biomarker of acute myocardial injury improves risk stratification after acute coronary syndromes. European Heart Journal, 2017, 38, 3493-3502.	2.2	46

#	ARTICLE	IF	CITATIONS
91	Menopausal Hormone Therapy Is Associated With Reduced Total and Visceral Adiposity: The OsteoLaus Cohort. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 1948-1957.	3.6	46
92	Age and Gender Differences in the Social Patterning of Cardiovascular Risk Factors in Switzerland: The CoLaus Study. <i>PLoS ONE</i> , 2012, 7, e49443.	2.5	46
93	HDLs, Diabetes, and Metabolic Syndrome. <i>Handbook of Experimental Pharmacology</i> , 2015, 224, 405-421.	1.8	44
94	The bidirectional relationship between anxiety disorders and circulating levels of inflammatory markers: Results from a large longitudinal population-based study. <i>Depression and Anxiety</i> , 2018, 35, 360-371.	4.1	43
95	Large-scale whole-exome sequencing association studies identify rare functional variants influencing serum urate levels. <i>Nature Communications</i> , 2018, 9, 4228.	12.8	43
96	REM-associated sleep apnoea: prevalence and clinical significance in the HypnoLaus cohort. <i>European Respiratory Journal</i> , 2018, 52, 1702484.	6.7	43
97	Effect of Three Hypopnea Scoring Criteria on OSA Prevalence and Associated Comorbidities in the General Population. <i>Journal of Clinical Sleep Medicine</i> , 2019, 15, 183-194.	2.6	43
98	Converging patterns of aging-associated brain volume loss and tissue microstructure differences. <i>Neurobiology of Aging</i> , 2020, 88, 108-118.	3.1	43
99	Objective Sleep Structure and Cardiovascular Risk Factors in the General Population: The HypnoLaus Study. <i>Sleep</i> , 2015, 38, 391-400.	1.1	41
100	Association of socioeconomic status with sleep disturbances in the Swiss population-based CoLaus study. <i>Sleep Medicine</i> , 2015, 16, 469-476.	1.6	41
101	Socio-demographic and lifestyle determinants of dietary patterns in French-speaking Switzerland, 2009-2012. <i>BMC Public Health</i> , 2018, 18, 131.	2.9	41
102	Socioeconomic indicators in epidemiologic research: A practical example from the LIFEPAATH study. <i>PLoS ONE</i> , 2017, 12, e0178071.	2.5	40
103	Predictive accuracy and usefulness of calibration of the ESC SCORE in Switzerland. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2008, 15, 402-408.	2.8	39
104	Association of socioeconomic status with inflammatory markers: A two cohort comparison. <i>Preventive Medicine</i> , 2015, 71, 12-19.	3.4	39
105	Physical activity is associated with higher sleep efficiency in the general population: the CoLaus study. <i>Sleep</i> , 2018, 41, .	1.1	38
106	Obstructive sleep apnoea as a risk factor for incident metabolic syndrome: a joined Episono and HypnoLaus prospective cohorts study. <i>European Respiratory Journal</i> , 2018, 52, 1801150.	6.7	38
107	The Uromodulin Gene Locus Shows Evidence of Pathogen Adaptation through Human Evolution. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 2983-2996.	6.1	37
108	Incidence of type 2 diabetes, hypertension, and dyslipidemia in metabolically healthy obese and non-obese. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2018, 28, 1036-1044.	2.6	36

#	ARTICLE	IF	CITATIONS
109	Prevalence of measured and reported multimorbidity in a representative sample of the Swiss population. <i>BMC Public Health</i> , 2015, 15, 164.	2.9	35
110	Association between anti-apolipoprotein A-1 antibodies and cardiovascular disease in the general population. <i>Thrombosis and Haemostasis</i> , 2016, 116, 764-771.	3.4	35
111	Genetic Factors Explain a Major Fraction of the 50% Lower Lipoprotein(a) Concentrations in Finns. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 1230-1241.	2.4	33
112	Genome-wide association study of circulating interleukin 6 levels identifies novel loci. <i>Human Molecular Genetics</i> , 2021, 30, 393-409.	2.9	32
113	Aspirin and statin use and the subsequent development of depression in men and women: Results from a longitudinal population-based study. <i>Journal of Affective Disorders</i> , 2015, 182, 126-131.	4.1	31
114	Association of body temperature with obesity. The CoLaus study. <i>International Journal of Obesity</i> , 2019, 43, 1026-1033.	3.4	31
115	Obesity and atypical depression symptoms: findings from Mendelian randomization in two European cohorts. <i>Translational Psychiatry</i> , 2021, 11, 96.	4.8	31
116	Alcohol consumption and incidence of type 2 diabetes. Results from the CoLaus study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2015, 25, 75-84.	2.6	30
117	Association between parental history and genetic risk scores for coronary heart disease prediction: The population-based CoLaus study. <i>Atherosclerosis</i> , 2016, 244, 59-65.	0.8	30
118	Anti-Apolipoprotein A-1 IgG Predict All-Cause Mortality and Are Associated with Fc Receptor-Like 3 Polymorphisms. <i>Frontiers in Immunology</i> , 2017, 8, 437.	4.8	30
119	Risk factors of excessive daytime sleepiness in a prospective population-based cohort. <i>Journal of Sleep Research</i> , 2021, 30, e13069.	3.2	29
120	Evidence for Chronic Low-Grade Systemic Inflammation in Individuals with Agoraphobia from a Population-Based Prospective Study. <i>PLoS ONE</i> , 2015, 10, e0123757.	2.5	29
121	Mean Oxygen Saturation during Sleep Is Related to Specific Brain Atrophy Pattern. <i>Annals of Neurology</i> , 2020, 87, 921-930.	5.3	28
122	Determinants of change in polypharmacy status in Switzerland: the population-based CoLaus study. <i>European Journal of Clinical Pharmacology</i> , 2017, 73, 1187-1194.	1.9	28
123	ORMDL3 expression levels have no influence on the activity of serine palmitoyltransferase. <i>FASEB Journal</i> , 2016, 30, 4289-4300.	0.5	27
124	Clinical and course characteristics of depression and all-cause mortality: A prospective population-based study. <i>Journal of Affective Disorders</i> , 2016, 189, 17-24.	4.1	27
125	Common variants in CLDN14 are associated with differential excretion of magnesium over calcium in urine. <i>Pflügers Archiv European Journal of Physiology</i> , 2017, 469, 91-103.	2.8	27
126	Grip strength is not associated with incident type 2 diabetes mellitus in healthy adults: The CoLaus study. <i>Diabetes Research and Clinical Practice</i> , 2017, 132, 144-148.	2.8	27

#	ARTICLE	IF	CITATIONS
127	Impact of CD14 Polymorphisms on Anti-Apolipoprotein A-1 IgG-Related Coronary Artery Disease Prediction in the General Population. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 2342-2349.	2.4	27
128	Transcriptomic Signature Differences Between SARS-CoV-2 and Influenza Virus Infected Patients. <i>Frontiers in Immunology</i> , 2021, 12, 666163.	4.8	27
129	Predictive accuracy of original and recalibrated Framingham risk score in the Swiss population. <i>International Journal of Cardiology</i> , 2009, 133, 346-353.	1.7	26
130	Persistent spatial clusters of high body mass index in a Swiss urban population as revealed by the 5-year GeoCoLaus longitudinal study. <i>BMJ Open</i> , 2016, 6, e010145.	1.9	26
131	The Benefit of Menopausal Hormone Therapy on Bone Density and Microarchitecture Persists After its Withdrawal. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 5004-5011.	3.6	25
132	Sensitivity of Rapid Antigen Testing and RT-PCR Performed on Nasopharyngeal Swabs versus Saliva Samples in COVID-19 Hospitalized Patients: Results of a Prospective Comparative Trial (RESTART). <i>Microorganisms</i> , 2021, 9, 1910.	3.6	25
133	Impact of smoking on fertility and age of menopause: a population-based assessment. <i>BMJ Open</i> , 2016, 6, e012015.	1.9	23
134	Associations of specific phobia and its subtypes with physical diseases: an adult community study. <i>BMC Psychiatry</i> , 2016, 16, 155.	2.6	23
135	No association between grip strength and cardiovascular risk: The CoLaus population-based study. <i>International Journal of Cardiology</i> , 2017, 236, 478-482.	1.7	23
136	Association between dietary intake and inflammatory markers: results from the CoLaus study. <i>Public Health Nutrition</i> , 2019, 22, 498-505.	2.2	23
137	Insulin Resistant States and Insulin Signaling. <i>Clinical Chemistry and Laboratory Medicine</i> , 2003, 41, 1107-19.	2.3	22
138	A genetic risk score is differentially associated with migraine with and without aura. <i>Human Genetics</i> , 2017, 136, 999-1008.	3.8	22
139	The NoSAS score: A new and simple screening tool for obstructive sleep apnea syndrome in depressive disorder. <i>Journal of Affective Disorders</i> , 2018, 227, 136-140.	4.1	22
140	Estimated 24-h urinary sodium and sodium-to-potassium ratio are predictors of kidney function decline in a population-based study. <i>Journal of Hypertension</i> , 2019, 37, 1853-1860.	0.5	22
141	Pulse wave amplitude drops during sleep: clinical significance and characteristics in a general population sample. <i>Sleep</i> , 2020, 43, .	1.1	22
142	Partially distinct combinations of psychological, metabolic and inflammatory risk factors are prospectively associated with the onset of the subtypes of Major Depressive Disorder in midlife. <i>Journal of Affective Disorders</i> , 2017, 222, 195-203.	4.1	21
143	Population impact of the 2017 ACC/AHA guidelines compared with the 2013 ESH/ESC guidelines for hypertension management. <i>European Journal of Preventive Cardiology</i> , 2018, 25, 1111-1113.	1.8	21
144	Mendelian randomization to assess causality between uromodulin, blood pressure and chronic kidney disease. <i>Kidney International</i> , 2021, 100, 1282-1291.	5.2	20

#	ARTICLE	IF	CITATIONS
145	Negative effect of vitamin D on kidney function: a Mendelian randomization study. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, 2139-2145.	0.7	18
146	Metabomatching: Using genetic association to identify metabolites in proton NMR spectroscopy. <i>PLoS Computational Biology</i> , 2017, 13, e1005839.	3.2	17
147	Life-course socioeconomic disadvantage and lung function: a multicohort study of 70,496 individuals. <i>European Respiratory Journal</i> , 2021, 57, 2001600.	6.7	17
148	Socio-demographic and behavioural determinants of weight gain in the Swiss population. <i>BMC Public Health</i> , 2015, 15, 73.	2.9	16
149	Accelerometry assessed physical activity of older adults hospitalized with acute medical illness - an observational study. <i>BMC Geriatrics</i> , 2020, 20, 382.	2.7	16
150	Influence of MCHR2 and MCHR2-AS1 Genetic Polymorphisms on Body Mass Index in Psychiatric Patients and In Population-Based Subjects with Present or Past Atypical Depression. <i>PLoS ONE</i> , 2015, 10, e0139155.	2.5	16
151	Prevalence, treatment and control of dyslipidaemia in Switzerland: still a long way to go. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2010, 17, 682-687.	2.8	15
152	Antihypertensive drug treatment changes in the general population: the colaus study. <i>BMC Pharmacology & Toxicology</i> , 2014, 15, 20.	2.4	15
153	A Population-Based Model to Consider the Effect of Seasonal Variation on Serum 25(OH)D and Vitamin D Status. <i>BioMed Research International</i> , 2015, 2015, 1-9.	1.9	15
154	Iron metabolism and incidence of metabolic syndrome. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2015, 25, 1025-1032.	2.6	15
155	Of weekend warriors and couch potatoes: Socio-economic determinants of physical activity in Swiss middle-aged adults. <i>Preventive Medicine</i> , 2017, 105, 350-355.	3.4	15
156	Associations of Personality Traits With Chronic Low-Grade Inflammation in a Swiss Community Sample. <i>Frontiers in Psychiatry</i> , 2019, 10, 819.	2.6	15
157	Real-world gait speed estimation, frailty and handgrip strength: a cohort-based study. <i>Scientific Reports</i> , 2021, 11, 18966.	3.3	15
158	Urotensin-II System in Genetic Control of Blood Pressure and Renal Function. <i>PLoS ONE</i> , 2013, 8, e83137.	2.5	14
159	Social inequalities in sleep-disordered breathing: Evidence from the CoLaus HypnoLaus study. <i>Journal of Sleep Research</i> , 2019, 28, e12799.	3.2	14
160	Brain tissue properties link cardio-vascular risk factors, mood and cognitive performance in the CoLaus PsyCoLaus epidemiological cohort. <i>Neurobiology of Aging</i> , 2021, 102, 50-63.	3.1	14
161	Association between nocturnal heart rate variability and incident cardiovascular disease events: The HypnoLaus population-based study. <i>Heart Rhythm</i> , 2022, 19, 632-639.	0.7	14
162	Associations Between Life-Course Socioeconomic Conditions and the Pace of Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 2257-2264.	3.6	14

#	ARTICLE	IF	CITATIONS
163	Prevalence of overweight and obesity among migrants in Switzerland: association with country of origin. <i>Public Health Nutrition</i> , 2011, 14, 1148-1156.	2.2	13
164	High Evening Cortisol Level Is Associated With Low TBS and Increased Prevalent Vertebral Fractures: OsteoLaus Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 2628-2636.	3.6	13
165	Case Report: Stepwise Anti-Inflammatory and Anti-SARS-CoV-2 Effects Following Convalescent Plasma Therapy With Full Clinical Recovery. <i>Frontiers in Immunology</i> , 2021, 12, 613502.	4.8	13
166	Cardiovascular risk assessment in people living with HIV compared to the general population. <i>European Journal of Preventive Cardiology</i> , 2022, 29, 689-699.	1.8	12
167	A genetic variant in the catechol-O-methyl transferase (COMT) gene is related to age-dependent differences in the therapeutic effect of calcium-channel blockers. <i>Medicine (United States)</i> , 2017, 96, e7029.	1.0	11
168	Spatial clusters of daytime sleepiness and association with nighttime noise levels in a Swiss general population (GeoHypnoLaus). <i>International Journal of Hygiene and Environmental Health</i> , 2018, 221, 951-957.	4.3	11
169	Cardiovascular Risk Estimation and Eligibility for Statins in Primary Prevention Comparing Different Strategies. <i>American Journal of Cardiology</i> , 2009, 103, 1089-1095.	1.6	10
170	Signatures of life course socioeconomic conditions in brain anatomy. <i>Human Brain Mapping</i> , 2022, 43, 2582-2606.	3.6	10
171	Did Dumbo suffer a heart attack? independent association between earlobe crease and cardiovascular disease. <i>BMC Cardiovascular Disorders</i> , 2016, 16, 17.	1.7	9
172	Dietary intake of subjects with diabetes is inadequate in Switzerland: the CoLaus study. <i>European Journal of Nutrition</i> , 2017, 56, 981-989.	3.9	9
173	Seasonality of nutrient intake – An analysis including over 44,000 participants in 4 countries. <i>Clinical Nutrition ESPEN</i> , 2017, 21, 66-71.	1.2	9
174	Prevalence and Clinical Significance of Respiratory Effort-Related Arousals in the General Population. <i>Journal of Clinical Sleep Medicine</i> , 2018, 14, 1339-1345.	2.6	9
175	Association of activity status and patterns with salivary cortisol: the population-based CoLaus study. <i>European Journal of Applied Physiology</i> , 2018, 118, 1507-1514.	2.5	9
176	The contribution of sleep to social inequalities in cardiovascular disorders: a multi-cohort study. <i>Cardiovascular Research</i> , 2020, 116, 1514-1524.	3.8	9
177	Prevalence and Description of Hyponatremia in a Swiss Tertiary Care Hospital: An Observational Retrospective Study. <i>Frontiers in Medicine</i> , 2020, 7, 512.	2.6	9
178	Human genomics of the humoral immune response against polyomaviruses. <i>Virus Evolution</i> , 2021, 7, veab058.	4.9	9
179	Association of education and receiving social transfers with allostatic load in the Swiss population-based CoLaus study. <i>Preventive Medicine</i> , 2014, 63, 63-71.	3.4	8
180	Lost in translation: dietary management of cardiovascular risk factors is seldom implemented. <i>Preventive Medicine</i> , 2015, 76, 68-73.	3.4	8

#	ARTICLE	IF	CITATIONS
181	Ten-year incidence of hypertension in a Swiss population-based sample Incidence of hypertension in Switzerland. <i>Journal of Human Hypertension</i> , 2019, 33, 115-122.	2.2	8
182	No association between vitamin C and E supplementation and grip strength over 5Âyears: the ColaUS study. <i>European Journal of Nutrition</i> , 2019, 58, 609-617.	3.9	8
183	Dietary Patterns Are Differentially Associated with Atypical and Melancholic Subtypes of Depression. <i>Nutrients</i> , 2021, 13, 768.	4.1	8
184	Diurnal Salivary Cortisol in Sarcopenic Postmenopausal Women: The OsteoLaUS Cohort. <i>Calcified Tissue International</i> , 2021, 109, 499-509.	3.1	8
185	Effects of General Receptor for Phosphoinositides 1 on Insulin and Insulin-Like Growth Factor I-Induced Cytoskeletal Rearrangement, Glucose Transporter-4 Translocation, and Deoxyribonucleic Acid Synthesis. <i>Endocrinology</i> , 1998, 139, 4984-4990.	2.8	8
186	The well-being of Swiss general internal medicine residents. <i>Swiss Medical Weekly</i> , 2020, 150, w20255.	1.6	8
187	Evaluation of Cardiometabolic Risk in a Large Psychiatric Cohort and Comparison With a Population-Based Sample in Switzerland. <i>Journal of Clinical Psychiatry</i> , 2020, 81, .	2.2	8
188	The prevalence and management of cardiovascular risk factors in immigrant groups in Switzerland. <i>International Journal of Public Health</i> , 2012, 57, 63-77.	2.3	7
189	GLI 2012 equations define few spirometric anomalies in the general population: the PneumoLaUS study. <i>Respiratory Research</i> , 2018, 19, 250.	3.6	7
190	Ten-year trend in sleeping pills use in Switzerland: the CoLaUS study. <i>Sleep Medicine</i> , 2019, 64, 56-61.	1.6	7
191	Clinical and biological determinants of P-wave duration: cross-sectional data from the population-based CoLaUS PsyCoLaUS study. <i>BMJ Open</i> , 2020, 10, e038828.	1.9	7
192	Life worth living: cross-sectional study on the prevalence and determinants of the wish to die in elderly patients hospitalized in an internal medicine ward. <i>BMC Geriatrics</i> , 2020, 20, 348.	2.7	7
193	â€œInflammagingâ€ and bone in the OsteoLaUS cohort. <i>Immunity and Ageing</i> , 2020, 17, 5.	4.2	7
194	Generalized Anxiety Disorder is Prospectively Associated With Decreased Levels of Interleukin-6 and Adiponectin Among Individuals from the Community. <i>Journal of Affective Disorders</i> , 2020, 270, 114-117.	4.1	7
195	Whipple disease: a 15-year retrospective study on 36 patients with positive polymerase chain reaction for <i>Tropheryma whipplei</i> . <i>Clinical Microbiology and Infection</i> , 2021, 27, 910.e9-910.e13.	6.0	7
196	Short-term and long-term effects of major depressive disorder subtypes on obesity markers and impact of sex on these associations. <i>Journal of Affective Disorders</i> , 2022, 297, 570-578.	4.1	7
197	Correlates of weekday compliance to physical activity recommendations in Swiss youth non-compliant in weekend days. <i>Preventive Medicine Reports</i> , 2018, 9, 86-91.	1.8	6
198	Association of activity behaviours and patterns with cardiovascular risk factors in Swiss middle-aged adults: The CoLaUS study. <i>Preventive Medicine Reports</i> , 2018, 11, 31-36.	1.8	6

#	ARTICLE	IF	CITATIONS
199	Prognostic and therapeutic considerations of antibodies against cæter apolipoprotein Aâ€1 in the general population. <i>Clinical and Translational Immunology</i> , 2020, 9, e1220.	3.8	6
200	Associations between exploratory dietary patterns and incident type 2 diabetes: a federated meta-analysis of individual participant data from 25 cohort studies. <i>European Journal of Nutrition</i> , 2022, 61, 3649-3667.	3.9	6
201	Association Between Sleep Microstructure and Incident Hypertension in a Populationâ€Based Sample: The HypnoLaus Study. <i>Journal of the American Heart Association</i> , 2022, 11, .	3.7	6
202	Prevalence and management of cardiovascular risk factors in Portuguese living in Portugal and Portuguese who migrated to Switzerland. <i>BMC Public Health</i> , 2015, 15, 307.	2.9	5
203	Patients with dyslipidemia on a self-reported diet have a healthier dietary intake than the general population. The CoLaus study. <i>Clinical Nutrition ESPEN</i> , 2016, 11, e33-e39.	1.2	5
204	Genetic immune and inflammatory markers associated with diabetes in solid organ transplant recipients. <i>American Journal of Transplantation</i> , 2019, 19, 238-246.	4.7	5
205	Genome-wide Association Study of Change in Fasting Glucose over time in 13,807 non-diabetic European Ancestry Individuals. <i>Scientific Reports</i> , 2019, 9, 9439.	3.3	5
206	Development and multi-cohort validation of a clinical score for predicting type 2 diabetes mellitus. <i>PLoS ONE</i> , 2019, 14, e0218933.	2.5	5
207	Prevalence and factors associated with chronic use of levothyroxine: A cohort study. <i>PLoS ONE</i> , 2021, 16, e0261160.	2.5	5
208	Do diurnal cortisol levels mediate the association between sleep disturbances and cognitive impairment?. <i>Neurobiology of Aging</i> , 2018, 69, 65-67.	3.1	4
209	No association between dietary markers and incident hypertension in a population-based sample. <i>Clinical Nutrition ESPEN</i> , 2018, 28, 208-213.	1.2	4
210	0859 Sleep Determinants Of Incident Cardiovascular Events: A prospective Population-based Study. <i>Sleep</i> , 2019, 42, A344-A345.	1.1	4
211	Use of lipoprotein(a) for refining cardiovascular risk prediction in a low-risk population: The CoLaus/PsyCoLaus study. <i>European Journal of Preventive Cardiology</i> , 2021, 28, e18-e20.	1.8	4
212	Clinical determinants of the PR interval duration in Swiss middleâ€aged adults: The CoLaus/PsyCoLaus study. <i>Clinical Cardiology</i> , 2020, 43, 614-621.	1.8	4
213	Salivary cortisol is not associated with incident insulin resistance or type 2 diabetes mellitus. <i>Endocrine Connections</i> , 2019, 8, 870-877.	1.9	4
214	The genetic etiology of periodic limb movement in sleep. <i>Sleep</i> , 2023, 46, .	1.1	4
215	Adherence to dietary recommendations is not associated with depression in two Swiss population-based samples. <i>Psychiatry Research</i> , 2017, 252, 310-318.	3.3	3
216	Clinical factors associated with the intraventricular conduction disturbances in Swiss middle-aged adults: The CoLaus PsyCoLaus study. <i>International Journal of Cardiology</i> , 2021, 327, 201-208.	1.7	3

#	ARTICLE	IF	CITATIONS
217	Ten-Year Trend in Polypharmacy in the Lausanne Population. Journal of Patient Safety, 2021, 17, e269-e273.	1.7	3
218	Abnormal brain iron accumulation in obstructive sleep apnea: A quantitative <scp>MRI</scp> study in the <scp>HypnoLaus</scp> cohort. Journal of Sleep Research, 0, , .	3.2	3
219	Trend and characteristics of medication errors in a Swiss academic hospital: an observational retrospective study. Drugs and Therapy Perspectives, 2021, 37, 536-544.	0.6	2
220	Genetic Scores and Prediction of Atherosclerotic Cardiovascular Disease. Journal of the American College of Cardiology, 2016, 67, 2558-2559.	2.8	1
221	Polypill eligibility and equivalent intake in a Swiss population-based study. Scientific Reports, 2021, 11, 6880.	3.3	1
222	The association between objective sleep duration and diet. The CoLaus HypnoLaus study. Clinical Nutrition ESPEN, 2022, 48, 313-320.	1.2	1
223	Prevalence of atrial fibrillation. Herz, 2021, , 1.	1.1	1
224	Twenty-year differences in cardiovascular risk factor levels in a Swiss canton. International Journal of Cardiology, 2014, 174, 176-178.	1.7	0
225	FP345ESTIMATED 24H URINARY SODIUM AND SODIUM TO POTASSIUM RATIO ARE PREDICTORS OF KIDNEY FUNCTION DECLINE IN A POPULATION BASED STUDY. Nephrology Dialysis Transplantation, 2018, 33, i147-i148.	0.7	0
226	0660 Periodic Limb Movement During Sleep And The Incidence Of Cardiometabolic Outcomes: The Hypnolaus Study. Sleep, 2019, 42, A263-A263.	1.1	0
227	0860 Pulse Wave Amplitude Drops During Sleep: Reference Values And Clinical Associations In A General Population. Sleep, 2019, 42, A345-A345.	1.1	0
228	The Metabolic Benefits of Menopausal Hormone Therapy Are Not Mediated by Improved Nutritional Habits. The OsteoLaus Cohort. Nutrients, 2019, 11, 1930.	4.1	0
229	Nitroaspirin improves highfat diet induced insulin resistance in mice by attenuation of iNOS induction in skeletal muscle tissue. FASEB Journal, 2006, 20, A1173.	0.5	0
230	Association of adiposity evaluated by anthropometric, BIA, and DXA measures with cardiometabolic risk factors in nonobese postmenopausal women. Menopause, 2022, Publish Ahead of Print, 450-459.	2.0	0
231	Geographic clusters of objectively measured physical activity and the characteristics of their built environment in a Swiss urban area. PLoS ONE, 2022, 17, e0252255.	2.5	0