

# Murielle Bochud

## List of Publications by Year in descending order

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Version: 2024-02-01

294  
papers

44,738  
citations

8755

75  
h-index

2385

198  
g-index

313  
all docs

313  
docs citations

313  
times ranked

52989  
citing authors

#	ARTICLE	IF	CITATIONS
1	2018 ESC/ESH Guidelines for the management of arterial hypertension. <i>European Heart Journal</i> , 2018, 39, 3021-3104.	2.2	6,826
2	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.	27.8	3,823
3	Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , 2013, 45, 1274-1283.	21.4	2,641
4	New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. <i>Nature Genetics</i> , 2010, 42, 105-116.	21.4	1,982
5	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. <i>Nature</i> , 2011, 478, 103-109.	27.8	1,855
6	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
7	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	27.8	1,328
8	Common variants near MC4R are associated with fat mass, weight and risk of obesity. <i>Nature Genetics</i> , 2008, 40, 768-775.	21.4	1,179
9	Genome-wide association study identifies eight loci associated with blood pressure. <i>Nature Genetics</i> , 2009, 41, 666-676.	21.4	1,104
10	Genetic Variation in IL28B Is Associated With Chronic Hepatitis C and Treatment Failure: A Genome-Wide Association Study. <i>Gastroenterology</i> , 2010, 138, 1338-1345.e7.	1.3	1,056
11	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
12	Socioeconomic status and the 25 Å25 risk factors as determinants of premature mortality: a multicohort study and meta-analysis of 1 Å7 million men and women. <i>Lancet</i> , The, 2017, 389, 1229-1237.	13.7	825
13	Common variants associated with plasma triglycerides and risk for coronary artery disease. <i>Nature Genetics</i> , 2013, 45, 1345-1352.	21.4	754
14	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. <i>Nature Genetics</i> , 2013, 45, 145-154.	21.4	675
15	Variants in MTNR1B influence fasting glucose levels. <i>Nature Genetics</i> , 2009, 41, 77-81.	21.4	662
16	Meta-Analysis of 28,141 Individuals Identifies Common Variants within Five New Loci That Influence Uric Acid Concentrations. <i>PLoS Genetics</i> , 2009, 5, e1000504.	3.5	572
17	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
18	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

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19	Rare variant in scavenger receptor BI raises HDL cholesterol and increases risk of coronary heart disease. <i>Science</i> , 2016, 351, 1166-1171.	12.6	438
20	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
21	Novel Loci for Adiponectin Levels and Their Influence on Type 2 Diabetes and Metabolic Traits: A Multi-Ethnic Meta-Analysis of 45,891 Individuals. <i>PLoS Genetics</i> , 2012, 8, e1002607.	3.5	419
22	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
23	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
24	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
25	Common noncoding UMOD gene variants induce salt-sensitive hypertension and kidney damage by increasing uromodulin expression. <i>Nature Medicine</i> , 2013, 19, 1655-1660.	30.7	317
26	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
27	Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders. <i>Nature Genetics</i> , 2013, 45, 621-631.	21.4	282
28	The contribution of health behaviors to socioeconomic inequalities in health: A systematic review. <i>Preventive Medicine</i> , 2018, 113, 15-31.	3.4	271
29	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , 2019, 51, 1459-1474.	21.4	251
30	Genotype 3 is associated with accelerated fibrosis progression in chronic hepatitis C. <i>Journal of Hepatology</i> , 2009, 51, 655-666.	3.7	247
31	Genetic loci influencing kidney function and chronic kidney disease. <i>Nature Genetics</i> , 2010, 42, 373-375.	21.4	246
32	CUBN Is a Gene Locus for Albuminuria. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 555-570.	6.1	208
33	Plasma Aldosterone Is Independently Associated With the Metabolic Syndrome. <i>Hypertension</i> , 2006, 48, 239-245.	2.7	204
34	Changes in SARS-CoV-2 Spike versus Nucleoprotein Antibody Responses Impact the Estimates of Infections in Population-Based Seroprevalence Studies. <i>Journal of Virology</i> , 2021, 95, .	3.4	200
35	A Genome-Wide Association Search for Type 2 Diabetes Genes in African Americans. <i>PLoS ONE</i> , 2012, 7, e29202.	2.5	197
36	IL28B expression depends on a novel TT/-G polymorphism which improves HCV clearance prediction. <i>Journal of Experimental Medicine</i> , 2013, 210, 1109-1116.	8.5	193

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37	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
38	Genome-wide Association Analysis of Blood-Pressure Traits in African-Ancestry Individuals Reveals Common Associated Genes in African and Non-African Populations. <i>American Journal of Human Genetics</i> , 2013, 93, 545-554.	6.2	189
39	Genetic insights into biological mechanisms governing human ovarian ageing. <i>Nature</i> , 2021, 596, 393-397.	27.8	183
40	Elevated Serum Uric Acid Is Associated with High Circulating Inflammatory Cytokines in the Population-Based Colaus Study. <i>PLoS ONE</i> , 2011, 6, e19901.	2.5	174
41	Association of eGFR-Related Loci Identified by GWAS with Incident CKD and ESRD. <i>PLoS Genetics</i> , 2011, 7, e1002292.	3.5	172
42	Association of genetic variation with systolic and diastolic blood pressure among African Americans: the Candidate Gene Association Resource study. <i>Human Molecular Genetics</i> , 2011, 20, 2273-2284.	2.9	168
43	Genome-Wide Association and Functional Follow-Up Reveals New Loci for Kidney Function. <i>PLoS Genetics</i> , 2012, 8, e1002584.	3.5	166
44	Nighttime Blood Pressure and Nocturnal Dipping Are Associated With Daytime Urinary Sodium Excretion in African Subjects. <i>Hypertension</i> , 2008, 51, 891-898.	2.7	153
45	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
46	Genomewide Association Study Using a High-Density Single Nucleotide Polymorphism Array and Case-Control Design Identifies a Novel Essential Hypertension Susceptibility Locus in the Promoter Region of Endothelial NO Synthase. <i>Hypertension</i> , 2012, 59, 248-255.	2.7	144
47	Meta-Analysis of Genome-Wide Association Studies Identifies Six New Loci for Serum Calcium Concentrations. <i>PLoS Genetics</i> , 2013, 9, e1003796.	3.5	142
48	Polymorphisms in Toll-like receptor 9 influence the clinical course of HIV-1 infection. <i>Aids</i> , 2007, 21, 441-446.	2.2	139
49	Socioeconomic position, lifestyle habits and biomarkers of epigenetic aging: a multi-cohort analysis. <i>Aging</i> , 2019, 11, 2045-2070.	3.1	137
50	Role of Hepatitis C virus genotype 3 in liver fibrosis progression - a systematic review and meta-analysis. <i>Journal of Viral Hepatitis</i> , 2011, 18, 745-759.	2.0	133
51	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. <i>Nature Communications</i> , 2019, 10, 4130.	12.8	133
52	Genome-wide Association Studies Identify Genetic Loci Associated With Albuminuria in Diabetes. <i>Diabetes</i> , 2016, 65, 803-817.	0.6	131
53	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
54	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

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55	Marked Association Between Obesity and Glomerular Hyperfiltration: A Cross-sectional Study in an African Population. <i>American Journal of Kidney Diseases</i> , 2010, 56, 303-312.	1.9	118
56	1999–2009 Trends in Prevalence, Unawareness, Treatment and Control of Hypertension in Geneva, Switzerland. <i>PLoS ONE</i> , 2012, 7, e39877.	2.5	113
57	Genome-wide association study of kidney function decline in individuals of European descent. <i>Kidney International</i> , 2015, 87, 1017-1029.	5.2	113
58	Sodium intake and blood pressure in children and adolescents: a systematic review and meta-analysis of experimental and observational studies. <i>International Journal of Epidemiology</i> , 2018, 47, 1796-1810.	1.9	110
59	Gene-Age Interactions in Blood Pressure Regulation: A Large-Scale Investigation with the CHARGE, Global BPgen, and ICBP Consortia. <i>American Journal of Human Genetics</i> , 2014, 95, 24-38.	6.2	109
60	Serum Uric Acid and Adiposity: Deciphering Causality Using a Bidirectional Mendelian Randomization Approach. <i>PLoS ONE</i> , 2012, 7, e39321.	2.5	108
61	Genome-wide association study of caffeine metabolites provides new insights to caffeine metabolism and dietary caffeine-consumption behavior. <i>Human Molecular Genetics</i> , 2016, 25, ddw334.	2.9	107
62	Effects of particulate matter on inflammatory markers in the general adult population. <i>Particle and Fibre Toxicology</i> , 2012, 9, 24.	6.2	104
63	The P450 oxidoreductase genotype is associated with CYP3A activity in vivo as measured by the midazolam phenotyping test. <i>Pharmacogenetics and Genomics</i> , 2009, 19, 877-883.	1.5	102
64	The Hypertension Pandemic: An Evolutionary Perspective. <i>Physiology</i> , 2017, 32, 112-125.	3.1	102
65	Viral genotype-specific role of PNPLA3, PPARC, MTTP, and IL28B in hepatitis C virus-associated steatosis. <i>Journal of Hepatology</i> , 2011, 55, 529-535.	3.7	98
66	1000 Genomes-based meta-analysis identifies 10 novel loci for kidney function. <i>Scientific Reports</i> , 2017, 7, 45040.	3.3	98
67	Reference Values and Factors Associated With Renal Resistive Index in a Family-Based Population Study. <i>Hypertension</i> , 2014, 63, 136-142.	2.7	97
68	No evidence for a causal link between uric acid and type 2 diabetes: a Mendelian randomisation approach. <i>Diabetologia</i> , 2011, 54, 2561-2569.	6.3	89
69	Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	89
70	Associations of Urinary Uromodulin with Clinical Characteristics and Markers of Tubular Function in the General Population. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2016, 11, 70-80.	4.5	87
71	Socioeconomic status, non-communicable disease risk factors, and walking speed in older adults: multi-cohort population based study. <i>BMJ: British Medical Journal</i> , 2018, 360, k1046.	2.3	87
72	Common Variants in UMOD Associate with Urinary Uromodulin Levels. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 1869-1882.	6.1	85

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73	Inactive Matrix Gla-Protein Is Associated With Arterial Stiffness in an Adult Population-Based Study. <i>Hypertension</i> , 2015, 66, 85-92.	2.7	85
74	Genome-Wide Meta-Analysis for Serum Calcium Identifies Significantly Associated SNPs near the Calcium-Sensing Receptor (CASR) Gene. <i>PLoS Genetics</i> , 2010, 6, e1001035.	3.5	84
75	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019, 10, 4957.	12.8	84
76	Novel Approach Identifies SNPs in SLC2A10 and KCNK9 with Evidence for Parent-of-Origin Effect on Body Mass Index. <i>PLoS Genetics</i> , 2014, 10, e1004508.	3.5	80
77	Corona Immunitas: study protocol of a nationwide program of SARS-CoV-2 seroprevalence and seroepidemiologic studies in Switzerland. <i>International Journal of Public Health</i> , 2020, 65, 1529-1548.	2.3	77
78	Innate immunogenetics: a tool for exploring new frontiers of host defence. <i>Lancet Infectious Diseases</i> , 2007, 7, 531-542.	9.1	76
79	Adipocytokines, Hepatic and Inflammatory Biomarkers and Incidence of Type 2 Diabetes. <i>The CoLaus Study</i> . <i>PLoS ONE</i> , 2012, 7, e51768.	2.5	76
80	High Heritability of Ambulatory Blood Pressure in Families of East African Descent. <i>Hypertension</i> , 2005, 45, 445-450.	2.7	73
81	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
82	Major Differences in Diet across Three Linguistic Regions of Switzerland: Results from the First National Nutrition Survey menuCH. <i>Nutrients</i> , 2017, 9, 1163.	4.1	73
83	Multi-cohort study identifies social determinants of systemic inflammation over the life course. <i>Nature Communications</i> , 2019, 10, 773.	12.8	70
84	Association between Inflammatory and Obesity Markers in a Swiss Population-Based Sample (CoLaus) Tj ETQq0 0 Q,rgBT /Overlock 10 T	3.4	69
85	Discovery and Fine Mapping of Serum Protein Loci through Transethnic Meta-analysis. <i>American Journal of Human Genetics</i> , 2012, 91, 744-753.	6.2	69
86	Integration of genome-wide association studies with biological knowledge identifies six novel genes related to kidney function. <i>Human Molecular Genetics</i> , 2012, 21, 5329-5343.	2.9	64
87	CNV-association meta-analysis in 191,161 European adults reveals new loci associated with anthropometric traits. <i>Nature Communications</i> , 2017, 8, 744.	12.8	64
88	Bayesian association scan reveals loci associated with human lifespan and linked biomarkers. <i>Nature Communications</i> , 2017, 8, 15842.	12.8	64
89	Modulation of Genetic Associations with Serum Urate Levels by Body-Mass-Index in Humans. <i>PLoS ONE</i> , 2015, 10, e0119752.	2.5	64
90	Association between C-Reactive Protein and Adiposity in Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 3969-3977.	3.6	61

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91	Short-Term Increase in Particulate Matter Blunts Nocturnal Blood Pressure Dipping and Daytime Urinary Sodium Excretion. <i>Hypertension</i> , 2012, 60, 1061-1069.	2.7	61
92	The European Panel on Appropriateness of Gastrointestinal Endoscopy (EPAGE): Project and Methods. <i>Endoscopy</i> , 1999, 31, 572-578.	1.8	60
93	CYP3A5 and ABCB1 Genes Influence Blood Pressure and Response to Treatment, and Their Effect Is Modified by Salt. <i>Hypertension</i> , 2007, 49, 1007-1014.	2.7	59
94	Usefulness of Mendelian Randomization in Observational Epidemiology. <i>International Journal of Environmental Research and Public Health</i> , 2010, 7, 711-728.	2.6	59
95	Independent Relations of Left Ventricular Structure With the 24-Hour Urinary Excretion of Sodium and Aldosterone. <i>Hypertension</i> , 2009, 54, 489-495.	2.7	58
96	Association between Variants of the Leptin Receptor Gene (LEPR) and Overweight: A Systematic Review and an Analysis of the CoLaus Study. <i>PLoS ONE</i> , 2011, 6, e26157.	2.5	58
97	Levels and Determinants of Inflammatory Biomarkers in a Swiss Population-Based Sample (CoLaus) Tj ETQq1 1 0.784314 rgBT /Overlock	2.5	58
98	Heritability of renal function in hypertensive families of African descent in the Seychelles (Indian) Tj ETQq0 0 0 rgBT /Overlock_10 Tf 50 4	3.2	57
99	New anthropometry-based age- and sex-specific reference values for urinary 24-hour creatinine excretion based on the adult Swiss population. <i>BMC Medicine</i> , 2015, 13, 40.	5.5	57
100	Epidemiology of Masked and White-Coat Hypertension: The Family-Based SKIPOGH Study. <i>PLoS ONE</i> , 2014, 9, e92522.	2.5	56
101	Tumor necrosis factor stimulates fibroblast growth factor 23 levels in chronic kidney disease and non-renal inflammation. <i>Kidney International</i> , 2019, 96, 890-905.	5.2	56
102	Caffeine intake and CYP1A2 variants associated with high caffeine intake protect non-smokers from hypertension. <i>Human Molecular Genetics</i> , 2012, 21, 3283-3292.	2.9	55
103	Blood Pressure and Renal Sodium Handling in Relation to Genetic Variation in the <i>DRD1</i> Promoter and <i>GRK4</i> . <i>Hypertension</i> , 2008, 51, 1643-1650.	2.7	54
104	Ethnic differences in proximal and distal tubular sodium reabsorption are heritable in black and white populations. <i>Journal of Hypertension</i> , 2009, 27, 606-612.	0.5	54
105	Glomerular hyperfiltration and increased proximal sodium reabsorption in subjects with type 2 diabetes or impaired fasting glucose in a population of the African region. <i>Nephrology Dialysis Transplantation</i> , 2010, 25, 2225-2231.	0.7	51
106	Blood Pressure in Relation to Coffee and Caffeine Consumption. <i>Current Hypertension Reports</i> , 2014, 16, 468.	3.5	51
107	Fibroblast growth factor 23 and markers of mineral metabolism in individuals with preserved renal function. <i>Kidney International</i> , 2016, 90, 648-657.	5.2	51
108	A functional microsatellite of the <i>macrophage migration inhibitory factor</i> gene associated with meningococcal disease. <i>FASEB Journal</i> , 2012, 26, 907-916.	0.5	50

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109	Sociodemographic, behavioral and genetic determinants of allostatic load in a Swiss population-based study. <i>Psychoneuroendocrinology</i> , 2016, 67, 76-85.	2.7	50
110	Association of serum homocysteine with major depressive disorder: Results from a large population-based study. <i>Psychoneuroendocrinology</i> , 2013, 38, 2309-2318.	2.7	48
111	Determinants and burden of chronic kidney disease in the population-based CoLaus study: a cross-sectional analysis*. <i>Nephrology Dialysis Transplantation</i> , 2013, 28, 2329-2339.	0.7	48
112	Copeptin Is Associated with Kidney Length, Renal Function, and Prevalence of Simple Cysts in a Population-Based Study. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 1415-1425.	6.1	48
113	Heritability, determinants and reference values of renal length: a family-based population study. <i>European Radiology</i> , 2013, 23, 2899-2905.	4.5	47
114	Association between obesity and glomerular hyperfiltration: the confounding effect of smoking and sodium and protein intakes. <i>European Journal of Nutrition</i> , 2016, 55, 1089-1097.	3.9	45
115	Association of CYP3A5 genotypes with blood pressure and renal function in African families. <i>Journal of Hypertension</i> , 2006, 24, 923-929.	0.5	44
116	Uromodulin and Nephron Mass. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2018, 13, 1556-1557.	4.5	44
117	Renal Sodium Handling and Nighttime Blood Pressure. <i>Seminars in Nephrology</i> , 2007, 27, 565-571.	1.6	43
118	Influence of <i>CRTC1</i> Polymorphisms on Body Mass Index and Fat Mass in Psychiatric Patients and the General Adult Population. <i>JAMA Psychiatry</i> , 2013, 70, 1011.	11.0	42
119	Calcium, Vitamin D and Cardiovascular Disease. <i>Kidney and Blood Pressure Research</i> , 2011, 34, 404-417.	2.0	40
120	Socioeconomic indicators in epidemiologic research: A practical example from the LIFEPAATH study. <i>PLoS ONE</i> , 2017, 12, e0178071.	2.5	40
121	The Association of Aldosterone With Obesity-Related Hypertension and the Metabolic Syndrome. <i>Seminars in Nephrology</i> , 2007, 27, 529-537.	1.6	39
122	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
123	Prevalence of obesity and abdominal obesity in the Lausanne population. <i>BMC Public Health</i> , 2008, 8, 330.	2.9	38
124	Distribution of plasma levels of adiponectin and leptin in an adult Caucasian population. <i>Clinical Endocrinology</i> , 2010, 72, 38-46.	2.4	38
125	Disentangling the genetics of lean mass. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 276-287.	4.7	38
126	Reference intervals for the urinary steroid metabolome: The impact of sex, age, day and night time on human adult steroidogenesis. <i>PLoS ONE</i> , 2019, 14, e0214549.	2.5	38



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127	Gender difference in the response to an angiotensin-converting enzyme inhibitor and a diuretic in hypertensive patients of African descent. <i>Journal of Hypertension</i> , 2004, 22, 1213-1220.	0.5	37
128	Validated SNPs for eGFR and their associations with albuminuria. <i>Human Molecular Genetics</i> , 2012, 21, 3293-3298.	2.9	37
129	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
130	Î <sup>2</sup> -Arrestin2 influences the response to methadone in opioid-dependent patients. <i>Pharmacogenomics Journal</i> , 2011, 11, 258-266.	2.0	36
131	Hyperhomocysteinemia is independently associated with albuminuria in the population-based CoLaus study. <i>BMC Public Health</i> , 2011, 11, 733.	2.9	36
132	Associations of Ambulatory Blood Pressure With Urinary Caffeine and Caffeine Metabolite Excretions. <i>Hypertension</i> , 2015, 65, 691-696.	2.7	36
133	Methods for testing association between uncertain genotypes and quantitative traits. <i>Biostatistics</i> , 2011, 12, 1-17.	1.5	35
134	Association of Urinary Calcium Excretion with Serum Calcium and Vitamin D Levels. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2015, 10, 452-462.	4.5	34
135	Genome-Wide Meta-Analysis Unravels Interactions between Magnesium Homeostasis and Metabolic Phenotypes. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 335-348.	6.1	34
136	Measurement of Glomerular Filtration Rate in Obese Patients: Pitfalls and Potential Consequences on Drug Therapy. <i>Obesity Facts</i> , 2011, 4, 238-243.	3.4	33
137	Not All Inflammatory Markers Are Linked to Kidney Function: Results from a Population-Based Study. <i>American Journal of Nephrology</i> , 2012, 35, 288-294.	3.1	33
138	Common Variants in Mendelian Kidney Disease Genes and Their Association with Renal Function. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 2105-2117.	6.1	33
139	Cardiovascular End Points and Mortality Are Not Closer Associated With Central Than Peripheral Pulsatile Blood Pressure Components. <i>Hypertension</i> , 2020, 76, 350-358.	2.7	33
140	Use of A Mendelian Randomization Approach to Assess the Causal Relation of Â-Glutamyltransferase with Blood Pressure and Serum Insulin Levels. <i>American Journal of Epidemiology</i> , 2010, 172, 1431-1441.	3.4	31
141	Overlap Between Common Genetic Polymorphisms Underpinning Kidney Traits and Cardiovascular Disease Phenotypes: The CKDGen Consortium. <i>American Journal of Kidney Diseases</i> , 2013, 61, 889-898.	1.9	31
142	Socioeconomic Determinants of Sodium Intake in Adult Populations of High-Income Countries: A Systematic Review and Meta-Analysis. <i>American Journal of Public Health</i> , 2017, 107, e1-e12.	2.7	31
143	Urinary steroid profiling in women hints at a diagnostic signature of the polycystic ovary syndrome: A pilot study considering neglected steroid metabolites. <i>PLoS ONE</i> , 2018, 13, e0203903.	2.5	31
144	<i>CYP3A5</i> and <i>ABC11</i> genes and hypertension. <i>Pharmacogenomics</i> , 2009, 10, 477-487.	1.3	30

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145	Prevalence of iodine inadequacy in Switzerland assessed by the estimated average requirement cut-point method in relation to the impact of iodized salt. <i>Public Health Nutrition</i> , 2015, 18, 1333-1342.	2.2	30
146	Meta-analyses identify DNA methylation associated with kidney function and damage. <i>Nature Communications</i> , 2021, 12, 7174.	12.8	30
147	Heritability and intrafamilial aggregation of arterial characteristics. <i>Journal of Hypertension</i> , 2008, 26, 721-728.	0.5	29
148	Reducing socio-economic inequalities in all-cause mortality: a counterfactual mediation approach. <i>International Journal of Epidemiology</i> , 2020, 49, 497-510.	1.9	29
149	Inflammatory markers and blood pressure: sex differences and the effect of fat mass in the CoLaus Study. <i>Journal of Human Hypertension</i> , 2013, 27, 169-175.	2.2	28
150	Sociodemographic and Behavioural Determinants of a Healthy Diet in Switzerland. <i>Annals of Nutrition and Metabolism</i> , 2015, 67, 87-95.	1.9	28
151	Associations of Serum Uric Acid and SLC2A9 Variant with Depressive and Anxiety Disorders: A Population-Based Study. <i>PLoS ONE</i> , 2013, 8, e76336.	2.5	28
152	Sex difference and the role of leptin in the association between high-sensitivity C-reactive protein and adiposity in two different populations. <i>European Journal of Epidemiology</i> , 2012, 27, 379-384.	5.7	27
153	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
154	Association between breakfast composition and abdominal obesity in the Swiss adult population eating breakfast regularly. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2018, 15, 115.	4.6	27
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