

Target genes, variants, tissues and transcriptional pathways associated with urate levels

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The ABCG2/BCRP transporter and its variants “ from structure to pathology. FEBS Letters, 2020, 594, 4012-4034.	1.3	36
2	Gout Is Prevalent but Under-Registered Among Patients With Cardiovascular Events: A Field Study. Frontiers in Medicine, 2020, 7, 560.	1.2	9
3	Integration of GWAS Summary Statistics and Gene Expression Reveals Target Cell Types Underlying Kidney Function Traits. Journal of the American Society of Nephrology: JASN, 2020, 31, 2326-2340.	3.0	23
4	Genome-Wide Association Studies of CKD and Related Traits. Clinical Journal of the American Society of Nephrology: CJASN, 2020, 15, 1643-1656.	2.2	28
5	The ABCG2 Q141K hyperuricemia and gout associated variant illuminates the physiology of human urate excretion. Nature Communications, 2020, 11, 2767.	5.8	71
6	Genetics of Biochemical Phenotypes. Twin Research and Human Genetics, 2020, 23, 77-79.	0.3	0
7	Serum Urate Lowering with Allopurinol and Kidney Function in Type 1 Diabetes. New England Journal of Medicine, 2020, 382, 2493-2503.	13.9	228
8	Polygenic analysis of the effect of common and low-frequency genetic variants on serum uric acid levels in Korean individuals. Scientific Reports, 2020, 10, 9179.	1.6	13
9	Sex Differences in Urate Handling. International Journal of Molecular Sciences, 2020, 21, 4269.	1.8	45
10	Uric Acid and Hypertension: An Update With Recommendations. American Journal of Hypertension, 2020, 33, 583-594.	1.0	104
11	Pleiotropic effect of the ABCG2 gene in gout: involvement in serum urate levels and progression from hyperuricemia to gout. Arthritis Research and Therapy, 2020, 22, 45.	1.6	28
12	The Potential Effect of Aberrant Testosterone Levels on Common Diseases: A Mendelian Randomization Study. Genes, 2020, 11, 721.	1.0	14
13	Advances in our understanding of gout as an auto-inflammatory disease. Seminars in Arthritis and Rheumatism, 2020, 50, 1089-1100.	1.6	35
14	Hyperuricemia as a trigger of immune response in hypertension and chronic kidney disease. Kidney International, 2020, 98, 1149-1159.	2.6	89
15	Gout epidemiology and comorbidities. Seminars in Arthritis and Rheumatism, 2020, 50, S11-S16.	1.6	157
16	Genomic dissection of 43 serum urate-associated loci provides multiple insights into molecular mechanisms of urate control. Human Molecular Genetics, 2020, 29, 923-943.	1.4	40
17	Whole-Exome Sequencing Reveals a Rare Missense Variant in SLC16A9 in a Pedigree with Early-Onset Gout. BioMed Research International, 2020, 2020, 1-6.	0.9	6
18	Association of serum uric acid with visceral, subcutaneous and hepatic fat quantified by magnetic resonance imaging. Scientific Reports, 2020, 10, 442.	1.6	35

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19	The CKDGen Consortium: ten years of insights into the genetic basis of kidney function. <i>Kidney International</i> , 2020, 97, 236-242.	2.6	29
20	Subtype-specific gout susceptibility loci and enrichment of selection pressure on ABCG2 and ALDH2 identified by subtype genome-wide meta-analyses of clinically defined gout patients. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 657-665.	0.5	24
21	High-Protein Diet Induces Hyperuricemia in a New Animal Model for Studying Human Gout. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2147.	1.8	36
22	Trans-ancestral dissection of urate- and gout-associated major loci SLC2A9 and ABCG2 reveals primate-specific regulatory effects. <i>Journal of Human Genetics</i> , 2021, 66, 161-169.	1.1	6
23	Pleiotropic genomic variants at 17q21.31 associated with bone mineral density and body fat mass: a bivariate genome-wide association analysis. <i>European Journal of Human Genetics</i> , 2021, 29, 553-563.	1.4	3
24	A novel mouse model of hyperuricemia expressing a human functional ABCG2 variant. <i>Kidney International</i> , 2021, 99, 12-14.	2.6	4
25	Identification of pleiotropic loci underlying hip bone mineral density and trunk lean mass. <i>Journal of Human Genetics</i> , 2021, 66, 251-260.	1.1	3
26	Inequities in people with gout: a focus on Māori (Indigenous People) of Aotearoa New Zealand. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2021, 13, 1759720X2110280.	1.2	9
30	Serum Urate Polygenic Risk Score Can Improve Gout Risk Prediction: A Large-Scale Cohort Study. <i>Frontiers in Genetics</i> , 2020, 11, 604219.	1.1	2
31	Heart Disease and Stroke Statistics—2021 Update. <i>Circulation</i> , 2021, 143, e254-e743.	1.6	3,444
33	Urate, Blood Pressure, and Cardiovascular Disease. <i>Hypertension</i> , 2021, 77, 383-392.	1.3	75
34	Genetically predicted education attainment in relation to somatic and mental health. <i>Scientific Reports</i> , 2021, 11, 4296.	1.6	33
35	GWAS of three molecular traits highlights core genes and pathways alongside a highly polygenic background. <i>ELife</i> , 2021, 10, .	2.8	77
36	Uromodulin: Roles in Health and Disease. <i>Annual Review of Physiology</i> , 2021, 83, 477-501.	5.6	56
37	Hyperuricemia and Cardiovascular Implications. <i>WSEAS Transactions on Biology and Biomedicine</i> , 2021, 17, 143-148.	0.3	2
38	The comparative effect of exposure to various risk factors on the risk of hyperuricaemia: diet has a weak causal effect. <i>Arthritis Research and Therapy</i> , 2021, 23, 75.	1.6	19
40	Asymptomatic Hyperuricemia and Metabolically Unhealthy Obesity: A Cross-Sectional Analysis in the Tianning Cohort. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2021, Volume 14, 1367-1374.	1.1	9
41	Multi-ancestry genome-wide gene-sleep interactions identify novel loci for blood pressure. <i>Molecular Psychiatry</i> , 2021, 26, 6293-6304.	4.1	13

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43	Membrane Carriers and Transporters in Kidney Physiology and Disease. <i>Biomedicines</i> , 2021, 9, 426.	1.4	11
44	Variants in urate transporters, ADH1B, GCKR and MEPE genes associate with transition from asymptomatic hyperuricaemia to gout: results of the first gout versus asymptomatic hyperuricaemia GWAS in Caucasians using data from the UK Biobank. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 1220-1226.	0.5	32
47	Gout, Hyperuricaemia and Crystal-Associated Disease Network (G-CAN) common language definition of gout. <i>RMD Open</i> , 2021, 7, e001623.	1.8	6
48	Substantial anti-gout effect conferred by common and rare dysfunctional variants of <i>URAT1/SLC22A12</i> . <i>Rheumatology</i> , 2021, 60, 5224-5232.	0.9	10
49	From purines to purinergic signalling: molecular functions and human diseases. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 162.	7.1	171
50	Purine metabolites and complex diseases: role of genes and nutrients. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2021, 24, 296-302.	1.3	12
51	An atlas connecting shared genetic architecture of human diseases and molecular phenotypes provides insight into COVID-19 susceptibility. <i>Genome Medicine</i> , 2021, 13, 83.	3.6	40
52	Sex-Specific Association of Uric Acid and Kidney Function Decline in Taiwan. <i>Journal of Personalized Medicine</i> , 2021, 11, 415.	1.1	7
54	An X chromosome-wide meta-analysis based on Japanese cohorts revealed that non-autosomal variations are associated with serum urate. <i>Rheumatology</i> , 2021, 60, 4430-4432.	0.9	2
55	Estimation of non-additive genetic variance in human complex traits from a large sample of unrelated individuals. <i>American Journal of Human Genetics</i> , 2021, 108, 786-798.	2.6	70
56	Gout prevalence in the Hmong: a prime example of health disparity and the role of community-based genetic research. <i>Personalized Medicine</i> , 2021, 18, 311-327.	0.8	12
57	Gout. <i>Lancet</i> , 2021, 397, 1843-1855.	6.3	418
58	Genome-wide DNA methylation analysis on C-reactive protein among Ghanaians suggests molecular links to the emerging risk of cardiovascular diseases. <i>Npj Genomic Medicine</i> , 2021, 6, 46.	1.7	4
59	The Role of ABCG2 in the Pathogenesis of Primary Hyperuricemia and Gout—An Update. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6678.	1.8	43
60	Dietary and Lifestyle-Centered Approach in Gout Care and Prevention. <i>Current Rheumatology Reports</i> , 2021, 23, 51.	2.1	21
61	Urate-induced epigenetic modifications in myeloid cells. <i>Arthritis Research and Therapy</i> , 2021, 23, 202.	1.6	18
62	Openness weighted association studies: leveraging personal genome information to prioritize non-coding variants. <i>Bioinformatics</i> , 2021, 37, 4737-4743.	1.8	3
64	Discovery and prioritization of variants and genes for kidney function in >1.2 million individuals. <i>Nature Communications</i> , 2021, 12, 4350.	5.8	125

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65	Aotearoa New Zealand Māori and Pacific Population-amplified Gout Risk Variants: <i>CLNK</i> Is a Separate Risk Gene at the <i>SLC2A9</i> Locus. <i>Journal of Rheumatology</i> , 2021, 48, 1736-1744.	1.0	8
66	Mapping the genetic architecture of human traits to cell types in the kidney identifies mechanisms of disease and potential treatments. <i>Nature Genetics</i> , 2021, 53, 1322-1333.	9.4	87
67	Rare variant contribution to human disease in 281,104 UK Biobank exomes. <i>Nature</i> , 2021, 597, 527-532.	13.7	224
68	Genetic and Physiological Effects of Insulin on Human Urate Homeostasis. <i>Frontiers in Physiology</i> , 2021, 12, 713710.	1.3	17
70	Increase of serum uric acid levels associated with APOE ϵ 2 haplotype: a clinico-genetic investigation and in vivo approach. <i>Human Cell</i> , 2021, 34, 1727-1733.	1.2	0
71	Assessing the Causal Relationships Between Insulin Resistance and Hyperuricemia and Gout Using Bidirectional Mendelian Randomization. <i>Arthritis and Rheumatology</i> , 2021, 73, 2096-2104.	2.9	49
72	Multidrug efflux transporter ABCG2: expression and regulation. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 6887-6939.	2.4	41
73	Biomarkers of kidney function and cognitive ability: A Mendelian randomization study. <i>Journal of the Neurological Sciences</i> , 2021, 430, 118071.	0.3	7
74	Impact of kidney dysfunction on hepatic and intestinal drug transporters. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112125.	2.5	7
75	Systems biology in diagnosis and treatment of kidney disease. , 2022, , 465-479.		0
76	The Shared Genetic Basis of Hyperuricemia, Gout, and Kidney Function. <i>Seminars in Nephrology</i> , 2020, 40, 586-599.	0.6	10
77	Hyperuricemia in Kidney Disease: A Major Risk Factor for Cardiovascular Events, Vascular Calcification, and Renal Damage. <i>Seminars in Nephrology</i> , 2020, 40, 574-585.	0.6	43
78	Molecular Pathophysiology of Uric Acid Homeostasis. <i>Seminars in Nephrology</i> , 2020, 40, 535-549.	0.6	25
84	A genome-wide multiphenotypic association analysis identified candidate genes and gene ontology shared by four common risky behaviors. <i>Aging</i> , 2020, 12, 3287-3297.	1.4	3
85	The epigenome: key to understanding and predicting gout flares. <i>Pathology</i> , 2021, 53, 824-829.	0.3	1
86	Molecular aspects of fructose metabolism and metabolic disease. <i>Cell Metabolism</i> , 2021, 33, 2329-2354.	7.2	100
87	Urate transport in health and disease. <i>Best Practice and Research in Clinical Rheumatology</i> , 2021, 35, 101717.	1.4	11
88	Mini Review: Reappraisal of Uric Acid in Chronic Kidney Disease. <i>American Journal of Nephrology</i> , 2021, 52, 837-844.	1.4	16

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91	The genetic basis of urate control and gout: Insights into molecular pathogenesis from follow-up study of genome-wide association study loci. <i>Best Practice and Research in Clinical Rheumatology</i> , 2021, 35, 101721.	1.4	8
92	Genome-wide meta-analysis revealed several genetic loci associated with serum uric acid levels in Korean population: an analysis of Korea Biobank data. <i>Journal of Human Genetics</i> , 2021, , .	1.1	3
94	A generalized linear mixed model association tool for biobank-scale data. <i>Nature Genetics</i> , 2021, 53, 1616-1621.	9.4	168
95	Research in brief: Serum urate reduction and its effect on the progression of chronic kidney disease. <i>Clinical Medicine</i> , 2020, 20, 448-448.	0.8	0
96	Pathophysiology of Gout. <i>Seminars in Nephrology</i> , 2020, 40, 550-563.	0.6	32
99	A single-cell atlas of chromatin accessibility in the human genome. <i>Cell</i> , 2021, 184, 5985-6001.e19.	13.5	194
100	Genetics of hyperuricemia and gout: Insights from recent genome-wide association studies and Mendelian randomization studies. <i>Tzu Chi Medical Journal</i> , 2022, 34, 261.	0.4	3
101	Kidney traits on repeatâ€”the role of MUC1 VNTR. <i>Kidney International</i> , 2022, 101, 863-866.	2.6	1
102	Sex-specific effect of serum urate levels on coronary heart disease and myocardial infarction prevention: A Mendelian randomization study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2022, 32, 1266-1274.	1.1	6
103	Heart Disease and Stroke Statisticsâ€”2022 Update: A Report From the American Heart Association. <i>Circulation</i> , 2022, 145, CIR0000000000001052.	1.6	2,561
104	Body mass index was linked with multi-cardiometabolic abnormalities in Chinese children and adolescents: a community-based survey. <i>BMC Pediatrics</i> , 2022, 22, 33.	0.7	5
105	Pharmacogenetic loci for rosuvastatin are associated with intima-media thickness change and coronary artery disease risk. <i>Pharmacogenomics</i> , 2022, 23, 15-34.	0.6	5
106	A meta-analysis of genome-wide association studies using Japanese and Taiwanese has revealed novel loci associated with gout susceptibility. <i>Human Cell</i> , 2022, 35, 767.	1.2	1
107	Disease consequences of higher adiposity uncoupled from its adverse metabolic effects using Mendelian randomisation. <i>ELife</i> , 2022, 11, .	2.8	10
108	Identification of Inflammation-Related Biomarker Pro-ADM for Male Patients With Gout by Comprehensive Analysis. <i>Frontiers in Immunology</i> , 2021, 12, 798719.	2.2	10
109	Genome-wide meta-analysis between renal overload type and renal underexcretion type of clinically defined gout in Japanese populations. <i>Molecular Genetics and Metabolism</i> , 2022, 136, 186-189.	0.5	6
110	Genetically predicted sex hormone levels and health outcomes: phenome-wide Mendelian randomization investigation. <i>International Journal of Epidemiology</i> , 2022, 51, 1931-1942.	0.9	19
111	Health effects of high serum calcium levels: Updated phenome-wide Mendelian randomisation investigation and review of Mendelian randomisation studies. <i>EBioMedicine</i> , 2022, 76, 103865.	2.7	12

#	ARTICLE	IF	CITATIONS
112	An effector index to predict target genes at GWAS loci. <i>Human Genetics</i> , 2022, 141, 1431-1447.	1.8	28
114	A machine learning-assisted model for renal urate underexcretion with genetic and clinical variables among Chinese men with gout. <i>Arthritis Research and Therapy</i> , 2022, 24, 67.	1.6	4
115	HNF1A ^{rs1445} From Monogenic Diabetes to Type 2 Diabetes and Gestational Diabetes Mellitus. <i>Frontiers in Endocrinology</i> , 2022, 13, 829565.	1.5	15
116	The Association of Hyperuricemia and Gout With the Risk of Cardiovascular Diseases: A Cohort and Mendelian Randomization Study in UK Biobank. <i>Frontiers in Medicine</i> , 2021, 8, 817150.	1.2	7
117	The Relationship between Alcohol Consumption and Gout: A Mendelian Randomization Study. <i>Genes</i> , 2022, 13, 557.	1.0	5
118	Racial Disparities in the Modern Gout Epidemic. <i>Journal of Rheumatology</i> , 2022, 49, 443-446.	1.0	3
119	Racial Differences in XO (Xanthine Oxidase) and Mitochondrial DNA Damage-Associated Molecular Patterns in Resistant Hypertension. <i>Hypertension</i> , 2022, 79, 775-784.	1.3	4
120	OAT10/SLC22A13 Acts as a Renal Urate Re-Absorber: Clinico-Genetic and Functional Analyses With Pharmacological Impacts. <i>Frontiers in Pharmacology</i> , 2022, 13, 842717.	1.6	9
121	Genetics of osteopontin in patients with chronic kidney disease: The German Chronic Kidney Disease study. <i>PLoS Genetics</i> , 2022, 18, e1010139.	1.5	5
122	Assessing causality between osteoarthritis with urate levels and gout: a bidirectional Mendelian randomization study. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 551-558.	0.6	10
124	Genetic Risk Score for Plasma Uric Acid Levels Is Associated With Early Rapid Kidney Function Decline in Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e2792-e2800.	1.8	3
125	Association between glucokinase regulator gene polymorphisms and serum uric acid levels in Taiwanese adolescents. <i>Scientific Reports</i> , 2022, 12, 5519.	1.6	1
126	Characterization of Plasma Extrachromosomal Circular DNA in Gouty Arthritis. <i>Frontiers in Genetics</i> , 2022, 13, 859513.	1.1	11
127	Genetic estimates of correlation and causality between blood-based biomarkers and psychiatric disorders. <i>Science Advances</i> , 2022, 8, eabj8969.	4.7	37
128	2021 Asia-Pacific League of Associations for Rheumatology clinical practice guideline for treatment of gout. <i>International Journal of Rheumatic Diseases</i> , 2022, 25, 7-20.	0.9	23
129	Excess comorbidities in gout: the causal paradigm and pleiotropic approaches to care. <i>Nature Reviews Rheumatology</i> , 2022, 18, 97-111.	3.5	45
130	Epigenome-wide association study of serum urate reveals insights into urate co-regulation and the SLC2A9 locus. <i>Nature Communications</i> , 2021, 12, 7173.	5.8	8
131	Impact of adiposity on risk of female gout among those genetically predisposed: sex-specific prospective cohort study findings over >32 years. <i>Annals of the Rheumatic Diseases</i> , 2022, 81, 556-563.	0.5	14

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132	A Polynesian-specific copy number variant encompassing the MICA gene associates with gout. <i>Human Molecular Genetics</i> , 2022, 31, 3757-3768.	1.4	3
133	Exploring the Mechanism through which <i>Phyllanthus emblica</i> L. Extract Exerts Protective Effects against Acute Gouty Arthritis: A Network Pharmacology Study and Experimental Validation. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-16.	0.5	5
135	Genome-wide studies reveal factors associated with circulating uromodulin and its relationships to complex diseases. <i>JCI Insight</i> , 2022, 7, .	2.3	12
136	Phenome-Wide Association Study of Polygenic Risk Score for Alzheimer's Disease in Electronic Health Records. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 800375.	1.7	6
137	Organization of gene programs revealed by unsupervised analysis of diverse gene-trait associations. <i>Nucleic Acids Research</i> , 2022, 50, e87-e87.	6.5	5
138	Cardiometabolic genomics and pharmacogenomics investigations in Filipino Americans: Steps towards precision health and reducing health disparities. <i>American Heart Journal Plus</i> , 2022, 15, 100136.	0.3	4
139	Pharmacogenetic Perspective for Optimal Gout Management. <i>Future Pharmacology</i> , 2022, 2, 135-152.	0.6	8
140	Plasma proteome analyses in individuals of European and African ancestry identify cis-pQTLs and models for proteome-wide association studies. <i>Nature Genetics</i> , 2022, 54, 593-602.	9.4	98
141	Healthy lifestyle counteracts the risk effect of genetic factors on incident gout: a large population-based longitudinal study. <i>BMC Medicine</i> , 2022, 20, 138.	2.3	12
142	Serum urate and heart failure: a bidirectional Mendelian randomization study. <i>European Journal of Preventive Cardiology</i> , 2022, 29, 1570-1578.	0.8	8
143	Transcriptional control of energy metabolism by nuclear receptors. <i>Nature Reviews Molecular Cell Biology</i> , 2022, 23, 750-770.	16.1	41
144	Differential diagnosis in Charcot neuroarthropathy. , 2022, , 223-259.		0
145	Multi-Trait Genetic Analysis Reveals Clinically Interpretable Hypertension Subtypes. <i>Circulation Genomic and Precision Medicine</i> , 2022, 15, .	1.6	2
146	GWAS of Clinically Defined Gout Identifies Non-Urate-Related Loci and Implicates Novel Gene, Pathway and Cell Type Associations. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
147	Using the UK Biobank as a global reference of worldwide populations: application to measuring ancestry diversity from GWAS summary statistics. <i>Bioinformatics</i> , 2022, 38, 3477-3480.	1.8	13
148	Diverse functions associate with non-coding polymorphisms shared between humans and chimpanzees. <i>Bmc Ecology and Evolution</i> , 2022, 22, .	0.7	0
149	Association Between Serum Uric Acid and Carotid Intima-Media Thickness in Different Fasting Blood Glucose Patterns: A Case-Control Study. <i>Frontiers in Endocrinology</i> , 2022, 13, .	1.5	4
150	A multi-ancestry genome-wide association study of unexplained chronic ALT elevation as a proxy for nonalcoholic fatty liver disease with histological and radiological validation. <i>Nature Genetics</i> , 2022, 54, 761-771.	9.4	68

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151	Pathway for ascertaining the role of uric acid in neurodegenerative diseases. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2022, 14, .	1.2	0
152	Trends in the Contribution of Genetic Susceptibility Loci to Hyperuricemia and Gout and Associated Novel Mechanisms. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	4
153	Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. <i>Communications Biology</i> , 2022, 5, .	2.0	17
154	Examining an Association of Single Nucleotide Polymorphisms with Hyperuricemia in Chinese Flight Attendants. <i>Pharmacogenomics and Personalized Medicine</i> , 0, Volume 15, 589-602.	0.4	1
155	Mapping Knowledge Structure and Global Research Trends in Gout: A Bibliometric Analysis From 2001 to 2021. <i>Frontiers in Public Health</i> , 0, 10, .	1.3	16
157	Sodium-glucose cotransporter 1 inhibition and gout: Mendelian randomisation study. <i>Seminars in Arthritis and Rheumatism</i> , 2022, 56, 152058.	1.6	3
158	Local genetic covariance between serum urate and kidney function estimated with Bayesian multitrait models. <i>G3: Genes, Genomes, Genetics</i> , 0, , .	0.8	1
159	The sequences of 150,119 genomes in the UK Biobank. <i>Nature</i> , 2022, 607, 732-740.	13.7	173
161	Effects of elevated serum urate on cardiometabolic and kidney function markers in a randomised clinical trial of inosine supplementation. <i>Scientific Reports</i> , 2022, 12, .	1.6	0
162	UMOD and the architecture of kidney disease. <i>Pflügers Archiv European Journal of Physiology</i> , 2022, 474, 771-781.	1.3	11
163	Separating the effects of childhood and adult body size on inflammatory arthritis: a Mendelian randomisation study. <i>RMD Open</i> , 2022, 8, e002321.	1.8	5
165	Racial and Sex Disparities in Gout Prevalence Among US Adults. <i>JAMA Network Open</i> , 2022, 5, e2226804.	2.8	18
166	Uric Acid and Hypertension: a Review of Evidence and Future Perspectives for the Management of Cardiovascular Risk. <i>Hypertension</i> , 2022, 79, 1927-1936.	1.3	38
167	Asymptomatic hyperuricemia and gout: genetic relationships. , 2022, , .		0
169	Pairwise genetic meta-analyses between schizophrenia and substance dependence phenotypes reveals novel association signals with pharmacological significance. <i>Translational Psychiatry</i> , 2022, 12, .	2.4	5
170	Novel Insights into the Effects of Genetic Variants on Serum Urate Response to an Acute Fructose Challenge: A Pilot Study. <i>Nutrients</i> , 2022, 14, 4030.	1.7	1
171	Impairment of kidney function and kidney cancer: A bidirectional Mendelian randomization study. <i>Cancer Medicine</i> , 2023, 12, 3610-3622.	1.3	5
172	CHIP and gout: trained immunity?. <i>Blood</i> , 2022, 140, 1054-1056.	0.6	3

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173	Do thrifty genes exist? Revisiting uricase. <i>Obesity</i> , 2022, 30, 1917-1926.	1.5	9
174	Visualizing novel connections and genetic similarities across diseases using a network-medicine based approach. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
175	Investigating a possible causal relationship between maternal serum urate concentrations and offspring birthweight: a Mendelian randomization study. <i>International Journal of Epidemiology</i> , 2023, 52, 178-189.	0.9	3
176	Association of Gout Polygenic Risk Score With Age at Disease Onset and Tophaceous Disease in European and Polynesian Men With Gout. <i>Arthritis and Rheumatology</i> , 2023, 75, 816-825.	2.9	6
177	Global Biobank Meta-analysis Initiative: Powering genetic discovery across human disease. <i>Cell Genomics</i> , 2022, 2, 100192.	3.0	85
180	The impact of genetic variability in urate transporters on oxypurinol pharmacokinetics. <i>Clinical and Translational Science</i> , 2023, 16, 422-428.	1.5	3
181	New insight into the management of renal excretion and hyperuricemia: Potential therapeutic strategies with natural bioactive compounds. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	9
182	SLC2A9 rs1014290 Polymorphism is Associated with Prediabetes and Type 2 Diabetes. <i>International Journal of Endocrinology</i> , 2022, 2022, 1-8.	0.6	3
183	Uric Acid and Chronic Kidney Disease: Still More to Do. <i>Kidney International Reports</i> , 2023, 8, 229-239.	0.4	24
184	Amplification of Inflammation by Lubricin Deficiency Implicated in Incident, Erosive Gout Independent of Hyperuricemia. <i>Arthritis and Rheumatology</i> , 2023, 75, 794-805.	2.9	12
185	Interactions Between Genetic Risk and Diet Influencing Risk of Incident Female Gout: Discovery and Replication Analysis of Four Prospective Cohorts. <i>Arthritis and Rheumatology</i> , 2023, 75, 1028-1038.	2.9	9
186	Associations between serum urate and telomere length and inflammation markers: Evidence from UK Biobank cohort. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	3
187	A comparison of the genes and genesets identified by GWAS and EWAS of fifteen complex traits. <i>Nature Communications</i> , 2022, 13, .	5.8	6
189	Gout: from Hippocrates till the modern time. <i>Terapevticheskii Arkhiv</i> , 2023, 94, 1438-1441.	0.2	0
190	Genetic and Physiological Effects of Insulin-Like Growth Factor-1 (IGF-1) on Human Urate Homeostasis. <i>Journal of the American Society of Nephrology: JASN</i> , 2023, 34, 451-466.	3.0	6
191	Heart Disease and Stroke Statistics—2023 Update: A Report From the American Heart Association. <i>Circulation</i> , 2023, 147, .	1.6	2,130
192	Using human genetics to understand the epidemiological association between obesity, serum urate, and gout. <i>Rheumatology</i> , 2023, 62, 3280-3290.	0.9	0
193	Gene—Diet Interactions: Beyond Duelling Views of Gout Pathogenesis. <i>Arthritis and Rheumatology</i> , 2023, 75, 869-871.	2.9	2

#	ARTICLE	IF	CITATIONS
194	Prediction of Potential Suitable Distribution Areas of <i>Quasipaa spinosa</i> in China Based on MaxEnt Optimization Model. <i>Biology</i> , 2023, 12, 366.	1.3	4
195	Imputation-powered whole-exome analysis identifies genes associated with kidney function and disease in the UK Biobank. <i>Nature Communications</i> , 2023, 14, .	5.8	3
198	Clinical Features of Gout. , 2023, , 505-511.		0
199	Dissecting the causal effect between gut microbiota, DHA, and urate metabolism: A large-scale bidirectional Mendelian randomization. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	7
200	Genome-Wide Meta-Analysis Identifies Multiple Novel Rare Variants to Predict Common Human Infectious Diseases Risk. <i>International Journal of Molecular Sciences</i> , 2023, 24, 7006.	1.8	1
201	The impact of television depictions of gout on perceptions of illness: a randomized controlled trial. <i>Arthritis Care and Research</i> , 0, , .	1.5	1
202	<sc>Preâ€Diagnostic</sc> Glycoprotein Acetyl Levels and Incident and Recurrent Flare Risk, Accounting for Serum Urate Levels: A <sc>Populationâ€Based</sc> , Prospective Study and Mendelian Randomization Analysis. <i>Arthritis and Rheumatology</i> , 0, , .	2.9	0
224	Reintroducing genes and behavior. , 2024, , 169-183.		0
231	Genetic determinants of 25-hydroxyvitamin D concentrations. , 2024, , 185-199.		0