

# Markus Scholz

## List of Publications by Year in descending order

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Version: 2024-02-01

160  
papers

10,585  
citations

87723

38  
h-index

42291

92  
g-index

166  
all docs

166  
docs citations

166  
times ranked

18577  
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive 1000 Genomesâ€‘based genome-wide association meta-analysis of coronary artery disease. <i>Nature Genetics</i> , 2015, 47, 1121-1130.	9.4	2,054
2	Circular non-coding RNA ANRIL modulates ribosomal RNA maturation and atherosclerosis in humans. <i>Nature Communications</i> , 2016, 7, 12429.	5.8	859
3	Large-scale cis- and trans-eQTL analyses identify thousands of genetic loci and polygenic scores that regulate blood gene expression. <i>Nature Genetics</i> , 2021, 53, 1300-1310.	9.4	590
4	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019, 51, 957-972.	9.4	549
5	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018, 9, 2098.	5.8	484
6	<i>ANRIL</i> Expression Is Associated With Atherosclerosis Risk at Chromosome 9p21. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 620-627.	1.1	402
7	Propionic Acid Shapes the Multiple Sclerosis Disease Course by an Immunomodulatory Mechanism. <i>Cell</i> , 2020, 180, 1067-1080.e16.	13.5	367
8	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679.	13.7	353
9	Alu Elements in ANRIL Non-Coding RNA at Chromosome 9p21 Modulate Atherogenic Cell Functions through Trans-Regulation of Gene Networks. <i>PLoS Genetics</i> , 2013, 9, e1003588.	1.5	323
10	The LIFE-Adult-Study: objectives and design of a population-based cohort study with 10,000 deeply phenotyped adults in Germany. <i>BMC Public Health</i> , 2015, 15, 691.	1.2	287
11	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , 2019, 51, 1459-1474.	9.4	251
12	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	9.4	192
13	Genetic Regulation of Serum Phytosterol Levels and Risk of Coronary Artery Disease. <i>Circulation: Cardiovascular Genetics</i> , 2010, 3, 331-339.	5.1	141
14	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. <i>Nature Communications</i> , 2019, 10, 4130.	5.8	133
15	GWAS and colocalization analyses implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes. <i>Nature Communications</i> , 2018, 9, 5141.	5.8	119
16	Secretory Phospholipase A2-IIA and Cardiovascular Disease. <i>Journal of the American College of Cardiology</i> , 2013, 62, 1966-1976.	1.2	115
17	Genome-wide analysis identifies novel susceptibility loci for myocardial infarction. <i>European Heart Journal</i> , 2021, 42, 919-933.	1.0	113
18	Identification of Adipokine Clusters Related to Parameters of Fat Mass, Insulin Sensitivity and Inflammation. <i>PLoS ONE</i> , 2014, 9, e99785.	1.1	107

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19	Polymorphisms at <i>PRSS1</i> and <i>PRSS2</i> and <i>CLDN2</i> and <i>MORC4</i> loci associate with alcoholic and non-alcoholic chronic pancreatitis in a European replication study. <i>Gut</i> , 2015, 64, 1426-1433.	6.1	105
20	Genome-wide association study identifies inversion in the <i>CTRB1-CTRB2</i> locus to modify risk for alcoholic and non-alcoholic chronic pancreatitis. <i>Gut</i> , 2018, 67, 1855-1863.	6.1	97
21	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. <i>PLoS Genetics</i> , 2020, 16, e1008718.	1.5	95
22	Dissecting the genetics of the human transcriptome identifies novel trait-related <i>trans</i> -eQTLs and corroborates the regulatory relevance of non-protein coding loci. <i>Human Molecular Genetics</i> , 2015, 24, 4746-4763.	1.4	94
23	Relations between lipoprotein(a) concentrations, LPA genetic variants, and the risk of mortality in patients with established coronary heart disease: a molecular and genetic association study. <i>Lancet Diabetes and Endocrinology</i> , 2017, 5, 534-543.	5.5	84
24	The novel cystatin C, lactate, interleukin-6, and N-terminal pro-B-type natriuretic peptide (CLIP)-based mortality risk score in cardiogenic shock after acute myocardial infarction. <i>European Heart Journal</i> , 2021, 42, 2344-2352.	1.0	68
25	<i>MB-COMT</i> promoter DNA methylation is associated with working-memory processing in schizophrenia patients and healthy controls. <i>Epigenetics</i> , 2014, 9, 1101-1107.	1.3	65
26	Genetically determined NLRP3 inflammasome activation associates with systemic inflammation and cardiovascular mortality. <i>European Heart Journal</i> , 2021, 42, 1742-1756.	1.0	63
27	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. <i>Nature Communications</i> , 2020, 11, 4796.	5.8	61
28	Genetic variation in the Sorbs of eastern Germany in the context of broader European genetic diversity. <i>European Journal of Human Genetics</i> , 2011, 19, 995-1001.	1.4	59
29	Prognostic and Pathogenic Role of Angiotensin-1 and -2 in Pneumonia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 220-231.	2.5	58
30	Relationship Between 12 Adipocytokines and Distinct Components of the Metabolic Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 1015-1023.	1.8	55
31	Genetic Factors of the Disease Course after Sepsis: A Genome-Wide Study for 28 Day Mortality. <i>EBioMedicine</i> , 2016, 12, 239-246.	2.7	52
32	Parameters of pulse wave velocity: determinants and reference values assessed in the population-based study LIFE-Adult. <i>Clinical Research in Cardiology</i> , 2018, 107, 1050-1061.	1.5	52
33	fcGENE: A Versatile Tool for Processing and Transforming SNP Datasets. <i>PLoS ONE</i> , 2014, 9, e97589.	1.1	52
34	Modelling Human Granulopoiesis under Poly-chemotherapy with G-CSF Support. <i>Journal of Mathematical Biology</i> , 2005, 50, 397-439.	0.8	50
35	Comparing performance of modern genotype imputation methods in different ethnicities. <i>Scientific Reports</i> , 2016, 6, 34386.	1.6	49
36	A computational model of human granulopoiesis to simulate the hematotoxic effects of multicycle polychemotherapy. <i>Blood</i> , 2004, 104, 2323-2331.	0.6	47

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37	A pre-registered short-term forecasting study of COVID-19 in Germany and Poland during the second wave. <i>Nature Communications</i> , 2021, 12, 5173.	5.8	47
38	Rationale and Design of the Leipzig (LIFE) Heart Study: Phenotyping and Cardiovascular Characteristics of Patients with Coronary Artery Disease. <i>PLoS ONE</i> , 2011, 6, e29070.	1.1	45
39	Sequential organ failure assessment score is an excellent operationalization of disease severity of adult patients with hospitalized community acquired pneumonia – results from the prospective observational PROGRESS study. <i>Critical Care</i> , 2019, 23, 110.	2.5	43
40	Meta-analysis uncovers genome-wide significant variants for rapid kidney function decline. <i>Kidney International</i> , 2021, 99, 926-939.	2.6	42
41	Integration of Genome-Wide SNP Data and Gene-Expression Profiles Reveals Six Novel Loci and Regulatory Mechanisms for Amino Acids and Acylcarnitines in Whole Blood. <i>PLoS Genetics</i> , 2015, 11, e1005510.	1.5	41
42	Urine Biomarkers of Tubular Renal Cell Damage for the Prediction of Acute Kidney Injury After Cardiac Surgery – A Pilot Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2017, 31, 2072-2079.	0.6	38
43	Increased Level of Interleukin 6 Associates With Increased 90-Day and 1-Year Mortality in Patients With End-Stage Liver Disease. <i>Clinical Gastroenterology and Hepatology</i> , 2018, 16, 730-737.	2.4	38
44	Sepsis-associated acute respiratory distress syndrome in individuals of European ancestry: a genome-wide association study. <i>Lancet Respiratory Medicine</i> , 2020, 8, 258-266.	5.2	38
45	Genetic Regulation of PCSK9 (Proprotein Convertase Subtilisin/Kexin Type 9) Plasma Levels and Its Impact on Atherosclerotic Vascular Disease Phenotypes. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e001992.	1.6	37
46	Genetic Association Study of Eight Steroid Hormones and Implications for Sexual Dimorphism of Coronary Artery Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 5008-5023.	1.8	37
47	Low-Dose Irradiation Affects Expression of Inflammatory Markers in the Heart of ApoE -/- Mice. <i>PLoS ONE</i> , 2015, 10, e0119661.	1.1	36
48	Ycas – a tool for capturing and scaling data from graphical representations. <i>BMC Bioinformatics</i> , 2014, 15, 219.	1.2	35
49	Genome-wide meta-analysis identifies novel loci of plaque burden in carotid artery. <i>Atherosclerosis</i> , 2017, 259, 32-40.	0.4	33
50	Pharmacokinetic and -dynamic modelling of G-CSF derivatives in humans. <i>Theoretical Biology and Medical Modelling</i> , 2012, 9, 32.	2.1	32
51	Genome Wide Meta-analysis Highlights the Role of Genetic Variation in RARRES2 in the Regulation of Circulating Serum Chemerin. <i>PLoS Genetics</i> , 2014, 10, e1004854.	1.5	31
52	Genome-wide association study of 23,500 individuals identifies 7 loci associated with brain ventricular volume. <i>Nature Communications</i> , 2018, 9, 3945.	5.8	31
53	FTO Obesity Risk Variants Are Linked to Adipocyte IRX3 Expression and BMI of Children - Relevance of FTO Variants to Defend Body Weight in Lean Children?. <i>PLoS ONE</i> , 2016, 11, e0161739.	1.1	31
54	Modelling Lymphoma Therapy and Outcome. <i>Bulletin of Mathematical Biology</i> , 2014, 76, 401-430.	0.9	29

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55	Associations between DNA methylation and schizophrenia-related intermediate phenotypes – A gene set enrichment analysis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 59, 31-39.	2.5	29
56	Low sphingosine-1-phosphate plasma levels are predictive for increased mortality in patients with liver cirrhosis. <i>PLoS ONE</i> , 2017, 12, e0174424.	1.1	29
57	Association of metabolic parameters and rs726344 in FNDC5 with serum irisin concentrations. <i>International Journal of Obesity</i> , 2016, 40, 260-265.	1.6	28
58	Plasma levels of apolipoproteins C-III, A-IV, and E are independently associated with stable atherosclerotic cardiovascular disease. <i>Atherosclerosis</i> , 2019, 281, 17-24.	0.4	28
59	The Obesity-Susceptibility Gene TMEM18 Promotes Adipogenesis through Activation of PPAR $\gamma$ . <i>Cell Reports</i> , 2020, 33, 108295.	2.9	28
60	Genetic Association of Objective Sleep Phenotypes with a Functional Polymorphism in the Neuropeptide S Receptor Gene. <i>PLoS ONE</i> , 2014, 9, e98789.	1.1	27
61	Population-genetic comparison of the Sorbian isolate population in Germany with the German KORA population using genome-wide SNP arrays. <i>BMC Genetics</i> , 2011, 12, 67.	2.7	26
62	Clinical and lifestyle related factors influencing whole blood metabolite levels – A comparative analysis of three large cohorts. <i>Molecular Metabolism</i> , 2019, 29, 76-85.	3.0	26
63	Different DOACs Control Inflammation in Cardiac Ischemia-Reperfusion Differently. <i>Circulation Research</i> , 2021, 128, 513-529.	2.0	26
64	Proteomics to improve phenotyping in obese patients with heart failure with preserved ejection fraction. <i>European Journal of Heart Failure</i> , 2021, 23, 1633-1644.	2.9	26
65	A biomathematical model of human thrombopoiesis under chemotherapy. <i>Journal of Theoretical Biology</i> , 2010, 264, 287-300.	0.8	25
66	No Association of Coronary Artery Disease with X-Chromosomal Variants in Comprehensive International Meta-Analysis. <i>Scientific Reports</i> , 2016, 6, 35278.	1.6	25
67	Proteomics-Enabled Deep Learning Machine Algorithms Can Enhance Prediction of Mortality. <i>Journal of the American College of Cardiology</i> , 2021, 78, 1621-1631.	1.2	25
68	Impact of genetic similarity on imputation accuracy. <i>BMC Genetics</i> , 2015, 16, 90.	2.7	24
69	Model-based design of chemotherapeutic regimens that account for heterogeneity in leucopenia. <i>British Journal of Haematology</i> , 2006, 132, 723-735.	1.2	22
70	Genetic correlations reveal the shared genetic architecture of transcription in human peripheral blood. <i>Nature Communications</i> , 2017, 8, 483.	5.8	22
71	Association between lipoprotein(a) level and type 2 diabetes: no evidence for a causal role of lipoprotein(a) and insulin. <i>Acta Diabetologica</i> , 2017, 54, 1031-1038.	1.2	22
72	A Biomathematical Model of Human Erythropoiesis under Erythropoietin and Chemotherapy Administration. <i>PLoS ONE</i> , 2013, 8, e65630.	1.1	21

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73	Genetic Contribution of Variants near SORT1 and APOE on LDL Cholesterol Independent of Obesity in Children. PLoS ONE, 2015, 10, e0138064.	1.1	20
74	Cohort Profile: The Leipzig Research Center for Civilization Diseasesâ€œHeart Study (LIFE-Heart). International Journal of Epidemiology, 2020, 49, 1439-1440h.	0.9	19
75	Genome-wide association analysis of pulse wave velocity traits provide new insights into the causal relationship between arterial stiffness and blood pressure. PLoS ONE, 2020, 15, e0237237.	1.1	18
76	A Biomathematical Model of Pneumococcal Lung Infection and Antibiotic Treatment in Mice. PLoS ONE, 2016, 11, e0156047.	1.1	18
77	Peripheral blood RNA biomarkers for cardiovascular disease from bench to bedside: a position paper from the EU-CardioRNA COST action CA17129. Cardiovascular Research, 2022, 118, 3183-3197.	1.8	18
78	Genetic loci and prioritization of genes for kidney function decline derived from a meta-analysis of 62 longitudinal genome-wide association studies. Kidney International, 2022, 102, 624-639.	2.6	18
79	A pharmacokinetic model of filgrastim and pegfilgrastim application in normal mice and those with cyclophosphamideâ€œinduced granulocytopenia. Cell Proliferation, 2009, 42, 813-822.	2.4	17
80	Subsequent Event Risk in Individuals With Established Coronary Heart Disease. Circulation Genomic and Precision Medicine, 2019, 12, e002470.	1.6	17
81	Association of plasma trimethylamine N-oxide levels with atherosclerotic cardiovascular disease and factors of the metabolic syndrome. Atherosclerosis, 2021, 335, 62-67.	0.4	17
82	Neutralizing Complement C5a Protects Mice with Pneumococcal Pulmonary Sepsis. Anesthesiology, 2020, 132, 795-807.	1.3	17
83	Genome-wide meta-analysis of phytosterols reveals five novel loci and a detrimental effect on coronary atherosclerosis. Nature Communications, 2022, 13, 143.	5.8	17
84	Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. Communications Biology, 2022, 5, .	2.0	17
85	Impact of first- and second-line treatment for Hodgkinâ€™s lymphoma on the incidence of AML/MDS and NHLâ€™ experience of the German Hodgkinâ€™s Lymphoma Study Group analyzed by a parametric model of carcinogenesis. Annals of Oncology, 2011, 22, 681-688.	0.6	16
86	Global and Regional Development of the Human Cerebral Cortex: Molecular Architecture and Occupational Aptitudes. Cerebral Cortex, 2020, 30, 4121-4139.	1.6	16
87	Higher BMI, but not obesity-related genetic polymorphisms, correlates with lower structural connectivity of the reward network in a population-based study. International Journal of Obesity, 2021, 45, 491-501.	1.6	16
88	Pharmacokinetic and pharmacodynamic modelling of the novel human granulocyteâ€œcolonyâ€œstimulatingâ€œfactor derivative Maxyâ€œG34 and pegfilgrastim in rats. Cell Proliferation, 2009, 42, 823-837.	2.4	15
89	PROGRESS â€œ prospective observational study on hospitalized community acquired pneumonia. BMC Pulmonary Medicine, 2016, 16, 108.	0.8	15
90	The value of noncoronary atherosclerosis for identifying coronary artery disease: results of the Leipzig LIFE Heart Study. Clinical Research in Cardiology, 2016, 105, 172-181.	1.5	15

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91	Genome-wide meta-analysis identifies novel determinants of circulating serum progranulin. <i>Human Molecular Genetics</i> , 2018, 27, 546-558.	1.4	15
92	Modeling individual time courses of thrombopoiesis during multi-cyclic chemotherapy. <i>PLoS Computational Biology</i> , 2019, 15, e1006775.	1.5	15
93	Genome-wide association study identifies an acute myeloid leukemia susceptibility locus near BICRA. <i>Leukemia</i> , 2019, 33, 771-775.	3.3	15
94	HLA Class II Allele Analyses Implicate Common Genetic Components in Type 1 and Non-Insulin-Treated Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e245-e254.	1.8	15
95	The role of rs2237781 within <i>GRM8</i> in eating behavior. <i>Brain and Behavior</i> , 2013, 3, 495-502.	1.0	14
96	Modelling chemotherapy effects on granulopoiesis. <i>BMC Systems Biology</i> , 2014, 8, 138.	3.0	14
97	A combined model of human erythropoiesis and granulopoiesis under growth factor and chemotherapy treatment. <i>Theoretical Biology and Medical Modelling</i> , 2014, 11, 24.	2.1	14
98	Genome-Wide Association Analysis for Severity of Coronary Artery Disease Using the Gensini Scoring System. <i>Frontiers in Cardiovascular Medicine</i> , 2017, 4, 57.	1.1	14
99	Common variants in the CLDN2-MORC4 and PRSS1-PRSS2 loci confer susceptibility to acute pancreatitis. <i>Pancreatology</i> , 2018, 18, 477-481.	0.5	14
100	Circulating Oxytocin Is Genetically Determined and Associated With Obesity and Impaired Glucose Tolerance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 5621-5632.	1.8	14
101	Catalyzing Transcriptomics Research in Cardiovascular Disease: The CardioRNA COST Action CA17129. <i>Non-coding RNA</i> , 2019, 5, 31.	1.3	14
102	Genetically Determined Reproductive Aging and Coronary Heart Disease: A Bidirectional 2-sample Mendelian Randomization. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e2952-e2961.	1.8	13
103	DNA methylation patterns reflect individual's lifestyle independent of obesity. <i>Clinical and Translational Medicine</i> , 2022, 12, .	1.7	13
104	Growth and Final Height Among Children With Phenylketonuria. <i>Pediatrics</i> , 2017, 140, e20170015.	1.0	12
105	Metabolite-Investigator: an integrated user-friendly workflow for metabolomics multi-study analysis. <i>Bioinformatics</i> , 2021, 37, 2218-2220.	1.8	12
106	Integration of mathematical model predictions into routine workflows to support clinical decision making in haematology. <i>BMC Medical Informatics and Decision Making</i> , 2020, 20, 28.	1.5	12
107	Monocyte subtype counts are associated with 10-year cardiovascular disease risk as determined by the Framingham Risk Score among subjects of the LIFE-Adult study. <i>PLoS ONE</i> , 2021, 16, e0247480.	1.1	12
108	Validity, intra- and inter-observer reliability of automated devices for the assessment of ankle brachial index using photo-plethysmography. <i>BMC Cardiovascular Disorders</i> , 2013, 13, 81.	0.7	10



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109	Relationship Between Determinants of Arterial Stiffness Assessed by Diastolic and Suprasystolic Pulse Oscillometry. <i>Medicine (United States)</i> , 2016, 95, e2963.	0.4	10
110	Genetic variants of lipase activity in chronic pancreatitis: Table 1. <i>Gut</i> , 2016, 65, 184-185.	6.1	10
111	Cyclin dependent kinase inhibitor 1 C is a female-specific marker of left ventricular function after acute myocardial infarction. <i>International Journal of Cardiology</i> , 2019, 274, 319-325.	0.8	10
112	Mendelian randomization analysis does not support causal associations of birth weight with hypertension risk and blood pressure in adulthood. <i>European Journal of Epidemiology</i> , 2020, 35, 685-697.	2.5	9
113	The Effect of FGF21 and Its Genetic Variants on Food and Drug Cravings, Adipokines and Metabolic Traits. <i>Biomedicines</i> , 2021, 9, 345.	1.4	9
114	Meta-GWAS of PCSK9 levels detects two novel loci at <i>APOB</i> and <i>TM6SF2</i> . <i>Human Molecular Genetics</i> , 2022, 31, 999-1011.	1.4	9
115	Comparison and modelling of pegylated or unpegylated G-CSF schedules in CHOP-14 regimen of elderly patients with aggressive B-cell lymphoma. <i>Annals of Hematology</i> , 2013, 92, 1641-1652.	0.8	8
116	Model-based optimization of G-CSF treatment during cytotoxic chemotherapy. <i>Journal of Cancer Research and Clinical Oncology</i> , 2018, 144, 343-358.	1.2	8
117	Circulating Adipokine VASPIN Is Associated with Serum Lipid Profiles in Humans. <i>Lipids</i> , 2019, 54, 203-210.	0.7	8
118	Deep learning detects heart failure with preserved ejection fraction using a baseline electrocardiogram. <i>European Heart Journal Digital Health</i> , 2021, 2, 699-703.	0.7	8
119	Interplay between adipose tissue secreted proteins, eating behavior and obesity. <i>European Journal of Nutrition</i> , 2022, 61, 885-899.	1.8	8
120	Genome-wide analysis of carotid plaque burden suggests a role of IL5 in men. <i>PLoS ONE</i> , 2020, 15, e0233728.	1.1	7
121	Adipocytokines are not associated with gestational diabetes mellitus but with pregnancy status. <i>Cytokine</i> , 2020, 131, 155088.	1.4	7
122	Proteomic profiling of low muscle and high fat mass: a machine learning approach in the KORA S4/FF4 study. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 1011-1023.	2.9	7
123	Indications for Potential Parent-of-Origin Effects within the FTO Gene. <i>PLoS ONE</i> , 2015, 10, e0119206.	1.1	7
124	Lineage-Specific Changes in Biomarkers in Great Apes and Humans. <i>PLoS ONE</i> , 2015, 10, e0134548.	1.1	7
125	Sex-Specific Causal Relations between Steroid Hormones and Obesity – A Mendelian Randomization Study. <i>Metabolites</i> , 2021, 11, 738.	1.3	7
126	Effectiveness of cytopenia prophylaxis for different filgrastim and pegfilgrastim schedules in a chemotherapy mouse model. <i>Biologics: Targets and Therapy</i> , 2009, 3, 27-37.	3.0	7



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127	On the Parametrization of Epidemiologic Models—Lessons from Modelling COVID-19 Epidemic. <i>Viruses</i> , 2022, 14, 1468.	1.5	7
128	Monitoring Disease Progression and Therapeutic Response in a Disseminated Tumor Model for Non-Hodgkin Lymphoma by Bioluminescence Imaging. <i>Molecular Imaging</i> , 2015, 14, 7290.2015.00010.	0.7	6
129	Dynamics of cytokines, immune cell counts and disease severity in patients with community-acquired pneumonia – Unravelling potential causal relationships. <i>Cytokine</i> , 2020, 136, 155263.	1.4	6
130	Modeling combined chemo- and immunotherapy of high-grade non-Hodgkin lymphoma. <i>Leukemia and Lymphoma</i> , 2016, 57, 1697-1708.	0.6	5
131	A biomathematical model of human erythropoiesis and iron metabolism. <i>Scientific Reports</i> , 2020, 10, 8602.	1.6	5
132	Individual prediction of thrombocytopenia at next chemotherapy cycle: Evaluation of dynamic model performances. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 3127-3138.	1.1	5
133	Whole Blood Metabolite Profiles Reflect Changes in Energy Metabolism in Heart Failure. <i>Metabolites</i> , 2022, 12, 216.	1.3	5
134	Simultaneous Mass Spectrometry-Based Apolipoprotein Profiling and Apolipoprotein E Phenotyping in Patients with ASCVD and Mild Cognitive Impairment. <i>Nutrients</i> , 2022, 14, 2474.	1.7	5
135	Comparison of scoring methods for the detection of causal genes with or without rare variants. <i>BMC Proceedings</i> , 2011, 5, S49.	1.8	4
136	Genetically programmed changes in transcription of the novel progranulin regulator. <i>Journal of Molecular Medicine</i> , 2020, 98, 1139-1148.	1.7	4
137	Associations of carotid intima media thickness with gene expression in whole blood and genetically predicted gene expression across 48 tissues. <i>Human Molecular Genetics</i> , 2022, 31, 1171-1182.	1.4	4
138	Evaluation of phosphodiesterase 9A as a novel biomarker in heart failure with preserved ejection fraction. <i>ESC Heart Failure</i> , 2021, 8, 1861-1872.	1.4	4
139	Verification of immunology-related genetic associations in BPD supports ABCA3 and five other genes. <i>Pediatric Research</i> , 2022, 92, 190-198.	1.1	4
140	Perioperative Two-Dimensional Left Ventricular Global Longitudinal Strain in Coronary Artery Bypass Surgery: A Prospective Observational Pilot Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2022, 36, 166-174.	0.6	4
141	A biomathematical model of immune response and barrier function in mice with pneumococcal lung infection. <i>PLoS ONE</i> , 2020, 15, e0243147.	1.1	4
142	Transcriptome Analyses of Adipose Tissue Samples Identify EGFL6 as a Candidate Gene Involved in Obesity-Related Adipose Tissue Dysfunction in Children. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4349.	1.8	4
143	On the impact of relatedness on SNP association analysis. <i>BMC Genetics</i> , 2017, 18, 104.	2.7	3
144	Markov State Modelling of Disease Courses and Mortality Risks of Patients with Community-Acquired Pneumonia. <i>Journal of Clinical Medicine</i> , 2020, 9, 393.	1.0	3

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145	Prognostic impact of rapid reduction of involved free light chains in multiple myeloma patients under first-line treatment with Bendamustine, Prednisone, and Bortezomib (BPV). <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 2349-2359.	1.2	3
146	Transcriptomic Research in Heart Failure with Preserved Ejection Fraction: Current State and Future Perspectives. <i>Cardiac Failure Review</i> , 2020, 6, e24.	1.2	3
147	Colocalization analysis of pancreas eQTLs with risk loci from alcoholic and novel non-alcoholic chronic pancreatitis GWAS suggests potential disease causing mechanisms. <i>Pancreatology</i> , 2022, 22, 449-456.	0.5	3
148	An Attempt to Explain the Ascent of Sap in Defoliated Trees. <i>Journal of Mathematical Fluid Mechanics</i> , 2004, 6, 295.	0.4	1
149	Analysis of GPRC6A variants in different pancreatitis etiologies. <i>Pancreatology</i> , 2020, 20, 1262-1267.	0.5	1
150	CD34+ Donor Chimerism and Wilms Tumor Gene 1 (WT1) Expression Provide an Early Indication of Relapse in Patients with Acute Leukemias and MDS after Hematopoietic Cell Transplantation (HCT) with Reduced-Intensity Conditioning. <i>Blood</i> , 2006, 108, 548-548.	0.6	1
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152	Genetic Regulation of Cytokine Response in Patients with Acute Community-Acquired Pneumonia. <i>Genes</i> , 2022, 13, 111.	1.0	1
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155	Generalized Solutions of the Capillary Problem. <i>Journal of Mathematical Fluid Mechanics</i> , 2004, 6, 272.	0.4	0
156	P3-086: FTO is Not Related to Imaging Parameters of the Hippocampus: A Volumetric and Diffusion Tensor Imaging Study. , 2016, 12, P851-P851.		0
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158	Common variants in glyoxalase I do not increase chronic pancreatitis risk. <i>PLoS ONE</i> , 2019, 14, e0222927.	1.1	0
159	Neuronal hypoxia: protective effects of mononuclear cord blood cells after direct and indirect application. <i>Journal of Stem Cells and Regenerative Medicine</i> , 2007, 2, 16.	2.2	0
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