

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

230 papers	8,152 citations	49 h-index	82 g-index
274 ext. papers	10,965 ext. citations	7.8 avg, IF	5.97 L-index

#	Paper	IF	Citations
230	Benefits and limitations of genome-wide association studies. <i>Nature Reviews Genetics</i> , 2019 , 20, 467-484	30.1	516
229	Large-scale association analysis identifies new lung cancer susceptibility loci and heterogeneity in genetic susceptibility across histological subtypes. <i>Nature Genetics</i> , 2017 , 49, 1126-1132	36.3	246
228	Novel insights into the genetics of smoking behaviour, lung function, and chronic obstructive pulmonary disease (UK BiLEVE): a genetic association study in UK Biobank. <i>Lancet Respiratory Medicine</i> , 2015 , 3, 769-81	35.1	245
227	Bicuspid aortic valve: identifying knowledge gaps and rising to the challenge from the International Bicuspid Aortic Valve Consortium (BAVCon). <i>Circulation</i> , 2014 , 129, 2691-704	16.7	227
226	Lung eQTLs to help reveal the molecular underpinnings of asthma. <i>PLoS Genetics</i> , 2012 , 8, e1003029	6	218
225	Oxidized Phospholipids, Lipoprotein(a), and Progression of Calcific Aortic Valve Stenosis. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 1236-1246	15.1	210
224	Genetic loci associated with chronic obstructive pulmonary disease overlap with loci for lung function and pulmonary fibrosis. <i>Nature Genetics</i> , 2017 , 49, 426-432	36.3	201
223	Genome-wide association analyses for lung function and chronic obstructive pulmonary disease identify new loci and potential druggable targets. <i>Nature Genetics</i> , 2017 , 49, 416-425	36.3	170
222	Tobacco Smoking Increases the Lung Gene Expression of ACE2, the Receptor of SARS-CoV-2. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 1557-1559	10.2	163
221	New genetic signals for lung function highlight pathways and chronic obstructive pulmonary disease associations across multiple ancestries. <i>Nature Genetics</i> , 2019 , 51, 481-493	36.3	156
220	Genetic variants associated with susceptibility to idiopathic pulmonary fibrosis in people of European ancestry: a genome-wide association study. <i>Lancet Respiratory Medicine</i> , 2017 , 5, 869-880	35.1	142
219	Autotaxin Derived From Lipoprotein(a) and Valve Interstitial Cells Promotes Inflammation and Mineralization of the Aortic Valve. <i>Circulation</i> , 2015 , 132, 677-90	16.7	136
218	Altered DNA Methylation of Long Noncoding RNA H19 in Calcific Aortic Valve Disease Promotes Mineralization by Silencing NOTCH1. <i>Circulation</i> , 2016 , 134, 1848-1862	16.7	136
217	Identification of TMPRSS2 as a Susceptibility Gene for Severe 2009 Pandemic A(H1N1) Influenza and A(H7N9) Influenza. <i>Journal of Infectious Diseases</i> , 2015 , 212, 1214-21	7	123
216	Inflammation is associated with the remodeling of calcific aortic valve disease. <i>Inflammation</i> , 2013 , 36, 573-81	5.1	123
215	Genetic landscape of chronic obstructive pulmonary disease identifies heterogeneous cell-type and phenotype associations. <i>Nature Genetics</i> , 2019 , 51, 494-505	36.3	119
214	A roadmap to investigate the genetic basis of bicuspid aortic valve and its complications: insights from the International BAVCon (Bicuspid Aortic Valve Consortium). <i>Journal of the American College of Cardiology</i> , 2014 , 64, 832-9	15.1	119

213	Moderate-to-severe asthma in individuals of European ancestry: a genome-wide association study. <i>Lancet Respiratory Medicine</i> , 2019 , 7, 20-34	35.1	109
212	1alpha,25-dihydroxy-vitamin D3 stimulation of bronchial smooth muscle cells induces autocrine, contractility, and remodeling processes. <i>Physiological Genomics</i> , 2007 , 29, 161-8	3.6	102
211	Sex-Related Discordance Between Aortic Valve Calcification and Hemodynamic Severity of Aortic Stenosis: Is Valvular Fibrosis the Explanation?. <i>Circulation Research</i> , 2017 , 120, 681-691	15.7	93
210	Refining molecular pathways leading to calcific aortic valve stenosis by studying gene expression profile of normal and calcified stenotic human aortic valves. <i>Circulation: Cardiovascular Genetics</i> , 2009 , 2, 489-98		93
209	Analyses of associations with asthma in four asthma population samples from Canada and Australia. <i>Human Genetics</i> , 2009 , 125, 445-59	6.3	91
208	Molecular signature of smoking in human lung tissues. <i>Cancer Research</i> , 2012 , 72, 3753-63	10.1	91
207	A Decade of GWAS Results in Lung Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018 , 27, 363-379	4	86
206	Elevated expression of lipoprotein-associated phospholipase A2 in calcific aortic valve disease: implications for valve mineralization. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 460-9	15.1	84
205	P2Y2 receptor represses IL-6 expression by valve interstitial cells through Akt: implication for calcific aortic valve disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2014 , 72, 146-56	5.8	83
204	Genome-Wide Association Study of Susceptibility to Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 564-574	10.2	81
203	MicroRNA-19a enhances proliferation of bronchial epithelial cells by targeting TGF β 2 gene in severe asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015 , 70, 212-9	9.3	80
202	Sixteen new lung function signals identified through 1000 Genomes Project reference panel imputation. <i>Nature Communications</i> , 2015 , 6, 8658	17.4	79
201	A thymic stromal lymphopoietin gene variant is associated with asthma and airway hyperresponsiveness. <i>Journal of Allergy and Clinical Immunology</i> , 2009 , 124, 222-9	11.5	79
200	A large lung gene expression study identifying fibulin-5 as a novel player in tissue repair in COPD. <i>Thorax</i> , 2015 , 70, 21-32	7.3	73
199	Genome-Wide Interaction Analysis of Air Pollution Exposure and Childhood Asthma with Functional Follow-up. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 1373-1383	10.2	71
198	Genetic association analyses highlight biological pathways underlying mitral valve prolapse. <i>Nature Genetics</i> , 2015 , 47, 1206-11	36.3	70
197	ATP acts as a survival signal and prevents the mineralization of aortic valve. <i>Journal of Molecular and Cellular Cardiology</i> , 2012 , 52, 1191-202	5.8	69
196	Identification of susceptibility genes for complex diseases using pooling-based genome-wide association scans. <i>Human Genetics</i> , 2009 , 125, 305-18	6.3	66

195	Cross-Cancer Genome-Wide Analysis of Lung, Ovary, Breast, Prostate, and Colorectal Cancer Reveals Novel Pleiotropic Associations. <i>Cancer Research</i> , 2016 , 76, 5103-14	10.1	66
194	Genetic variations in taste receptors are associated with chronic rhinosinusitis: a replication study. <i>International Forum of Allergy and Rhinology</i> , 2014 , 4, 200-6	6.3	64
193	Autotaxin interacts with lipoprotein(a) and oxidized phospholipids in predicting the risk of calcific aortic valve stenosis in patients with coronary artery disease. <i>Journal of Internal Medicine</i> , 2016 , 280, 509-517	10.8	60
192	Toward a comprehensive set of asthma susceptibility genes. <i>Annual Review of Medicine</i> , 2007 , 58, 171-84	17.4	58
191	Updates on the COPD gene list. <i>International Journal of COPD</i> , 2012 , 7, 607-31	3	57
190	Increased biglycan in aortic valve stenosis leads to the overexpression of phospholipid transfer protein via Toll-like receptor 2. <i>American Journal of Pathology</i> , 2010 , 176, 2638-45	5.8	57
189	Effect of liver fatty acid binding protein (FABP) T94A missense mutation on plasma lipoprotein responsiveness to treatment with fenofibrate. <i>Journal of Human Genetics</i> , 2004 , 49, 424-432	4.3	57
188	Genomics: the next step to elucidate the etiology of calcific aortic valve stenosis. <i>Journal of the American College of Cardiology</i> , 2008 , 51, 1327-36	15.1	56
187	Refining susceptibility loci of chronic obstructive pulmonary disease with lung eqtls. <i>PLoS ONE</i> , 2013 , 8, e70220	3.7	55
186	Genome-wide linkage scan reveals multiple susceptibility loci influencing lipid and lipoprotein levels in the Quebec Family Study. <i>Journal of Lipid Research</i> , 2004 , 45, 419-26	6.3	55
185	A transcriptome-wide association study identifies PALMD as a susceptibility gene for calcific aortic valve stenosis. <i>Nature Communications</i> , 2018 , 9, 988	17.4	53
184	Molecular mechanisms underlying variations in lung function: a systems genetics analysis. <i>Lancet Respiratory Medicine</i> , 2015 , 3, 782-95	35.1	52
183	SARS-CoV-2 receptor ACE2 gene expression and RAAS inhibitors. <i>Lancet Respiratory Medicine</i> , 2020 , 8, e50-e51	35.1	49
182	Acetylsalicylic acid, aging and coronary artery disease are associated with ABCA1 DNA methylation in men. <i>Clinical Epigenetics</i> , 2014 , 6, 14	7.7	49
181	OxLDL-derived lysophosphatidic acid promotes the progression of aortic valve stenosis through a LPAR1-RhoA-NF- κ B pathway. <i>Cardiovascular Research</i> , 2017 , 113, 1351-1363	9.9	48
180	Associations and interactions of genetic polymorphisms in innate immunity genes with early viral infections and susceptibility to asthma and asthma-related phenotypes. <i>Journal of Allergy and Clinical Immunology</i> , 2012 , 130, 1284-93	11.5	46
179	A Mendelian randomization study of IL6 signaling in cardiovascular diseases, immune-related disorders and longevity. <i>Npj Genomic Medicine</i> , 2019 , 4, 23	6.2	45
178	Multiethnic meta-analysis identifies ancestry-specific and cross-ancestry loci for pulmonary function. <i>Nature Communications</i> , 2018 , 9, 2976	17.4	45

177	High expression of the Pi-transporter SLC20A1/Pit1 in calcific aortic valve disease promotes mineralization through regulation of Akt-1. <i>PLoS ONE</i> , 2013 , 8, e53393	3.7	45
176	The peroxisome proliferator-activated receptor alpha Leu162Val polymorphism influences the metabolic response to a dietary intervention altering fatty acid proportions in healthy men. <i>American Journal of Clinical Nutrition</i> , 2005 , 81, 523-30	7	45
175	The T111I mutation in the EL gene modulates the impact of dietary fat on the HDL profile in women. <i>Journal of Lipid Research</i> , 2003 , 44, 1902-8	6.3	43
174	Calcium Signaling Pathway Genes RUNX2 and CACNA1C Are Associated With Calcific Aortic Valve Disease. <i>Circulation: Cardiovascular Genetics</i> , 2015 , 8, 812-22		42
173	Impact of plasma Lp-PLA2 activity on the progression of aortic stenosis: the PROGRESSA study. <i>JACC: Cardiovascular Imaging</i> , 2015 , 8, 26-33	8.4	41
172	Identification of Gender-Specific Genetic Variants in Patients With Bicuspid Aortic Valve. <i>American Journal of Cardiology</i> , 2016 , 117, 420-6	3	39
171	The pathology and pathobiology of bicuspid aortic valve: State of the art and novel research perspectives. <i>Journal of Pathology: Clinical Research</i> , 2015 , 1, 195-206	5.3	37
170	Causal and synthetic associations of variants in the SERPINA gene cluster with alpha1-antitrypsin serum levels. <i>PLoS Genetics</i> , 2013 , 9, e1003585	6	37
169	GSTCD and INTS12 regulation and expression in the human lung. <i>PLoS ONE</i> , 2013 , 8, e74630	3.7	37
168	Combining genomewide association study and lung eQTL analysis provides evidence for novel genes associated with asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016 , 71, 1712-1720	9.3	36
167	A genome-wide association study of chronic obstructive pulmonary disease in Hispanics. <i>Annals of the American Thoracic Society</i> , 2015 , 12, 340-8	4.7	35
166	GATA6 Regulates Aortic Valve Remodeling, and Its Haploinsufficiency Leads to Right-Left Type Bicuspid Aortic Valve. <i>Circulation</i> , 2018 , 138, 1025-1038	16.7	35
165	Common genes underlying asthma and COPD? Genome-wide analysis on the Dutch hypothesis. <i>European Respiratory Journal</i> , 2014 , 44, 860-72	13.6	35
164	Evidence for a major quantitative trait locus on chromosome 17q21 affecting low-density lipoprotein peak particle diameter. <i>Circulation</i> , 2003 , 107, 2361-8	16.7	35
163	The transcriptome of human epicardial, mediastinal and subcutaneous adipose tissues in men with coronary artery disease. <i>PLoS ONE</i> , 2011 , 6, e19908	3.7	35
162	Polymorphisms in interleukin-1 receptor-associated kinase 4 are associated with total serum IgE. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2009 , 64, 746-53	9.3	34
161	Leukotriene D4-induced, epithelial cell-derived transforming growth factor beta1 in human bronchial smooth muscle cell proliferation. <i>Clinical and Experimental Allergy</i> , 2008 , 38, 113-21	4.1	34
160	Genetics of LDL particle heterogeneity: from genetic epidemiology to DNA-based variations. <i>Journal of Lipid Research</i> , 2004 , 45, 1008-26	6.3	34

159	Functional variants regulating LGALS1 (Galectin 1) expression affect human susceptibility to influenza A(H7N9). <i>Scientific Reports</i> , 2015 , 5, 8517	4.9	33
158	Angiotensin receptor blockers are associated with reduced fibrosis and interleukin-6 expression in calcific aortic valve disease. <i>Pathobiology</i> , 2014 , 81, 15-24	3.6	32
157	Influences of the PPAR alpha-L162V polymorphism on plasma HDL(2)-cholesterol response of abdominally obese men treated with gemfibrozil. <i>Genetics in Medicine</i> , 2002 , 4, 311-5	8.1	31
156	RNA expression profile of calcified bicuspid, tricuspid, and normal human aortic valves by RNA sequencing. <i>Physiological Genomics</i> , 2016 , 48, 749-761	3.6	31
155	Exposure to electronic cigarette vapors affects pulmonary and systemic expression of circadian molecular clock genes. <i>Physiological Reports</i> , 2017 , 5, e13440	2.6	30
154	Activated platelets promote an osteogenic programme and the progression of calcific aortic valve stenosis. <i>European Heart Journal</i> , 2019 , 40, 1362-1373	9.5	30
153	Identification of susceptibility pathways for the role of chromosome 15q25.1 in modifying lung cancer risk. <i>Nature Communications</i> , 2018 , 9, 3221	17.4	29
152	Genome-wide association study on the FEV/FVC ratio in never-smokers identifies HHIP and FAM13A. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 139, 533-540	11.5	29
151	The landscape of host genetic factors involved in immune response to common viral infections. <i>Genome Medicine</i> , 2020 , 12, 93	14.4	29
150	Amyloid substance within stenotic aortic valves promotes mineralization. <i>Histopathology</i> , 2012 , 61, 610-9	7.3	28
149	Impact of cigarette smoke on the human and mouse lungs: a gene-expression comparison study. <i>PLoS ONE</i> , 2014 , 9, e92498	3.7	28
148	Genome-wide interaction study of gene-by-occupational exposure and effects on FEV1 levels. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 136, 1664-1672.e14	11.5	27
147	Age, Sex, and Valve Phenotype Differences in Fibro-Calcific Remodeling of Calcified Aortic Valve. <i>Journal of the American Heart Association</i> , 2020 , 9, e015610	6	26
146	Replication of genetic association studies in aortic stenosis in adults. <i>American Journal of Cardiology</i> , 2011 , 108, 1305-10	3	26
145	The peroxisome proliferator-activated receptor alpha L162V mutation is associated with reduced adiposity. <i>Obesity</i> , 2003 , 11, 809-16		25
144	Genome-Wide Association Study Identification of Novel Loci Associated with Airway Responsiveness in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015 , 53, 226-34	5.7	24
143	Leveraging lung tissue transcriptome to uncover candidate causal genes in COPD genetic associations. <i>Human Molecular Genetics</i> , 2018 , 27, 1819-1829	5.6	24
142	Whole exome re-sequencing implicates CCDC38 and cilia structure and function in resistance to smoking related airflow obstruction. <i>PLoS Genetics</i> , 2014 , 10, e1004314	6	24

141	Compendium of genome-wide scans of lipid-related phenotypes: adding a new genome-wide search of apolipoprotein levels. <i>Journal of Lipid Research</i> , 2004 , 45, 2174-84	6.3	24
140	Genome-wide association study of familial lung cancer. <i>Carcinogenesis</i> , 2018 , 39, 1135-1140	4.6	24
139	Genetic regulation of gene expression in the lung identifies CST3 and CD22 as potential causal genes for airflow obstruction. <i>Thorax</i> , 2014 , 69, 997-1004	7.3	23
138	NOTCH1 genetic variants in patients with tricuspid calcific aortic valve stenosis. <i>Journal of Heart Valve Disease</i> , 2013 , 22, 142-9		23
137	Altered intestinal functions and increased local inflammation in insulin-resistant obese subjects: a gene-expression profile analysis. <i>BMC Gastroenterology</i> , 2015 , 15, 119	3	22
136	Responsiveness to Ipratropium Bromide in Male and Female Patients with Mild to Moderate Chronic Obstructive Pulmonary Disease. <i>EBioMedicine</i> , 2017 , 19, 139-145	8.8	21
135	Polymorphisms associated with expression of BPIFA1/BPIFB1 and lung disease severity in cystic fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015 , 53, 607-14	5.7	21
134	Comprehensive Assessment of PD-L1 Staining Heterogeneity in Pulmonary Adenocarcinomas Using Tissue Microarrays: Impact of the Architecture Pattern and the Number of Cores. <i>American Journal of Surgical Pathology</i> , 2018 , 42, 687-694	6.7	21
133	Evaluation of links between high-density lipoprotein genetics, functionality, and aortic valve stenosis risk in humans. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 457-62	9.4	21
132	Integrative Genomics of Emphysema-Associated Genes Reveals Potential Disease Biomarkers. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017 , 57, 411-418	5.7	20
131	Genetic Association Analyses Highlight , , and As 3 New Susceptibility Genes Underlying Calcific Aortic Valve Stenosis. <i>Circulation Genomic and Precision Medicine</i> , 2019 , 12, e002617	5.2	20
130	Novel genes for airway wall thickness identified with combined genome-wide association and expression analyses. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 191, 547-56	10.2	20
129	COPD GWAS variant at 19q13.2 in relation with DNA methylation and gene expression. <i>Human Molecular Genetics</i> , 2018 , 27, 396-405	5.6	19
128	DNA methylation of a PLPP3 MIR transposon-based enhancer promotes an osteogenic programme in calcific aortic valve disease. <i>Cardiovascular Research</i> , 2018 , 114, 1525-1535	9.9	19
127	Susceptibility to chronic mucus hypersecretion, a genome wide association study. <i>PLoS ONE</i> , 2014 , 9, e91621	3.7	19
126	Association between plasma lipoprotein levels and bioprosthetic valve structural degeneration. <i>Heart</i> , 2016 , 102, 1915-1921	5.1	19
125	Epigenetic and genetic variations at the TNNT1 gene locus are associated with HDL-C levels and coronary artery disease. <i>Epigenomics</i> , 2016 , 8, 359-71	4.4	18
124	Surfactant protein D is a causal risk factor for COPD: results of Mendelian randomisation. <i>European Respiratory Journal</i> , 2017 , 50,	13.6	18

123	G-protein-coupled receptors and asthma endophenotypes: the cysteinyl leukotriene system in perspective. <i>Molecular Diagnosis and Therapy</i> , 2006 , 10, 353-66	4.5	18
122	Genetic Variation in LPA, Calcific Aortic Valve Stenosis in Patients Undergoing Cardiac Surgery, and Familial Risk of Aortic Valve Microcalcification. <i>JAMA Cardiology</i> , 2019 , 4, 620-627	16.2	17
121	Lipoprotein(a), Oxidized Phospholipids, and Aortic Valve Microcalcification Assessed by 18F-Sodium Fluoride Positron Emission Tomography and Computed Tomography. <i>CJC Open</i> , 2019 , 1, 131-140	2	17
120	Pathobiology of Lp(a) in calcific aortic valve disease. <i>Expert Review of Cardiovascular Therapy</i> , 2017 , 15, 797-807	2.5	17
119	Genetics of chronic obstructive pulmonary disease: a succinct review, future avenues and prospective clinical applications. <i>Pharmacogenomics</i> , 2009 , 10, 655-67	2.6	17
118	The DNA repair transcriptome in severe COPD. <i>European Respiratory Journal</i> , 2018 , 52,	13.6	17
117	Understanding the role of the chromosome 15q25.1 in COPD through epigenetics and transcriptomics. <i>European Journal of Human Genetics</i> , 2018 , 26, 709-722	5.3	16
116	A pro-inflammatory role for the Frizzled-8 receptor in chronic bronchitis. <i>Thorax</i> , 2016 , 71, 312-22	7.3	16
115	Susceptibility loci for lung cancer are associated with mRNA levels of nearby genes in the lung. <i>Carcinogenesis</i> , 2014 , 35, 2653-9	4.6	16
114	UCP1 expression-associated gene signatures of human epicardial adipose tissue. <i>JCI Insight</i> , 2019 , 4,	9.9	16
113	Meta-analysis of exome array data identifies six novel genetic loci for lung function. <i>Wellcome Open Research</i> , 2018 , 3, 4	4.8	16
112	Role of BAFF in pulmonary autoantibody responses induced by chronic cigarette smoke exposure in mice. <i>Physiological Reports</i> , 2016 , 4, e13057	2.6	15
111	Association of Forced Vital Capacity with the Developmental Gene NCOR2. <i>PLoS ONE</i> , 2016 , 11, e0147388	9.7	15
110	Multimarker Approach to Identify Patients With Higher Mortality and Rehospitalization Rate After Surgical Aortic Valve Replacement for Aortic Stenosis. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 2172-2181	5.2	15
109	A study in familial hypercholesterolemia suggests reduced methylomic plasticity in men with coronary artery disease. <i>Epigenomics</i> , 2015 , 7, 17-34	4.4	14
108	Dissecting the genetics of chronic mucus hypersecretion in smokers with and without COPD. <i>European Respiratory Journal</i> , 2015 , 45, 60-75	13.6	14
107	Association of Long-term Exposure to Elevated Lipoprotein(a) Levels With Parental Life Span, Chronic Disease-Free Survival, and Mortality Risk: A Mendelian Randomization Analysis. <i>JAMA Network Open</i> , 2020 , 3, e200129	10.4	14
106	Lung expression quantitative trait loci data set identifies important functional polymorphisms in the asthma-associated IL1RL1 region. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 134, 729-31	11.5	14

105	Genome-wide expression quantitative trait loci analysis in asthma. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2013 , 13, 487-94	3.3	14
104	Detection of a major gene effect for LDL peak particle diameter and association with apolipoprotein H gene haplotype. <i>Atherosclerosis</i> , 2005 , 182, 231-9	3.1	14
103	The landscape of host genetic factors involved in immune response to common viral infections 2020 ,		14
102	Genomic and evolutionary classification of lung cancer in never smokers. <i>Nature Genetics</i> , 2021 , 53, 1348-1359	3.3	14
101	Carbonic anhydrase XII in valve interstitial cells promotes the regression of calcific aortic valve stenosis. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 82, 104-15	5.8	13
100	Haplotypes in the phospholipid transfer protein gene are associated with obesity-related phenotypes: the QuBec Family Study. <i>International Journal of Obesity</i> , 2005 , 29, 1338-45	5.5	13
99	Genetic interaction analysis among oncogenesis-related genes revealed novel genes and networks in lung cancer development. <i>Oncotarget</i> , 2019 , 10, 1760-1774	3.3	12
98	Active smoking status in chronic rhinosinusitis is associated with higher serum markers of inflammation and lower serum eosinophilia. <i>International Forum of Allergy and Rhinology</i> , 2014 , 4, 347-52	6.3	12
97	A pooling-based genomewide association study identifies genetic variants associated with <i>Staphylococcus aureus</i> colonization in chronic rhinosinusitis patients. <i>International Forum of Allergy and Rhinology</i> , 2014 , 4, 207-15	6.3	12
96	Human Lung Tissue Transcriptome: Influence of Sex and Age. <i>PLoS ONE</i> , 2016 , 11, e0167460	3.7	12
95	Multi-omics highlights ABO plasma protein as a causal risk factor for COVID-19. <i>Human Genetics</i> , 2021 , 140, 969-979	6.3	12
94	CD8A gene polymorphisms predict severity factors in chronic rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , 2013 , 3, 605-11	6.3	11
93	Phenotypic and functional translation of IL1RL1 locus polymorphisms in lung tissue and asthmatic airway epithelium. <i>JCI Insight</i> , 2020 , 5,	9.9	11
92	Prioritization of candidate causal genes for asthma in susceptibility loci derived from UK Biobank. <i>Communications Biology</i> , 2021 , 4, 700	6.7	11
91	Novel genes and insights in complete asthma remission: A genome-wide association study on clinical and complete asthma remission. <i>Clinical and Experimental Allergy</i> , 2018 , 48, 1286-1296	4.1	11
90	Targeted high-throughput sequencing of candidate genes for chronic obstructive pulmonary disease. <i>BMC Pulmonary Medicine</i> , 2016 , 16, 146	3.5	10
89	The Overlap of Lung Tissue Transcriptome of Smoke Exposed Mice with Human Smoking and COPD. <i>Scientific Reports</i> , 2018 , 8, 11881	4.9	10
88	The Effect of Statins on Blood Gene Expression in COPD. <i>PLoS ONE</i> , 2015 , 10, e0140022	3.7	10

87	Phenotypic and functional translation of IL33 genetics in asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 147, 144-157	11.5	10
86	High FA2H and UGT8 transcript levels predict hydroxylated hexosylceramide accumulation in lung adenocarcinoma. <i>Journal of Lipid Research</i> , 2019 , 60, 1776-1786	6.3	9
85	Integrative genomics identifies new genes associated with severe COPD and emphysema. <i>Respiratory Research</i> , 2018 , 19, 46	7.3	9
84	Future clinical implications emerging from recent genome-wide expression studies in asthma. <i>Expert Review of Clinical Immunology</i> , 2014 , 10, 985-1004	5.1	9
83	Combined effects of PPARGgamma2 P12A and PPARGalpha L162V polymorphisms on glucose and insulin homeostasis: the QuBec Family Study. <i>Journal of Human Genetics</i> , 2003 , 48, 614-621	4.3	9
82	Aryl hydrocarbon receptor deficiency causes the development of chronic obstructive pulmonary disease through the integration of multiple pathogenic mechanisms. <i>FASEB Journal</i> , 2021 , 35, e21376	0.9	9
81	Clinical Experience with SERPINA1 DNA Sequencing to Detect Alpha-1 Antitrypsin Deficiency. <i>Annals of the American Thoracic Society</i> , 2018 , 15, 266-268	4.7	9
80	Latrophilin receptors: novel bronchodilator targets in asthma. <i>Thorax</i> , 2017 , 72, 74-82	7.3	8
79	A Potent Tartrate Resistant Acid Phosphatase Inhibitor to Study the Function of TRAP in Alveolar Macrophages. <i>Scientific Reports</i> , 2017 , 7, 12570	4.9	8
78	Identification of Drug Candidates to Suppress Cigarette Smoke-induced Inflammation via Connectivity Map Analyses. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018 , 58, 727-735	5.7	8
77	Human Genetic Susceptibility to Native Valve Endocarditis in Patients With Bacteremia: Genome-Wide Association Study. <i>Frontiers in Microbiology</i> , 2018 , 9, 640	5.7	8
76	Deficiency of FHL2 attenuates airway inflammation in mice and genetic variation associates with human bronchial hyper-responsiveness. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015 , 70, 1531-44	9.3	8
75	Influence of the angiotensin-converting enzyme gene insertion/deletion polymorphism on lipoprotein/lipid response to gemfibrozil. <i>Clinical Genetics</i> , 2002 , 62, 45-52	4	8
74	Transcriptome-wide association study reveals candidate causal genes for lung cancer. <i>International Journal of Cancer</i> , 2020 , 146, 1862-1878	7.5	8
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24	Novel Genetic Susceptibility Loci for FEV1 in the Context of Occupational Exposure in Never-Smokers. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 769-72	10.2	1
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21	Genome-wide interaction analysis identified low-frequency variants with sex disparity in lung cancer risk.. <i>Human Molecular Genetics</i> , 2022 ,	5.6	1
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