Yohan Bossé

List of Publications by Year in descending order

247 papers	12,884 citations	30070 54 h-index	33894 99 g-index
274 all docs	274 docs citations	274 times ranked	19187 citing authors

#	Article	IF	Citations
1	Benefits and limitations of genome-wide association studies. Nature Reviews Genetics, 2019, 20, 467-484.	16.3	1,226
2	Large-scale association analysis identifies new lung cancer susceptibility loci and heterogeneity in genetic susceptibility across histological subtypes. Nature Genetics, 2017, 49, 1126-1132.	21.4	472
3	New genetic signals for lung function highlight pathways and chronic obstructive pulmonary disease associations across multiple ancestries. Nature Genetics, 2019, 51, 481-493.	21.4	350
4	Novel insights into the genetics of smoking behaviour, lung function, and chronic obstructive pulmonary disease (UK BiLEVE): a genetic association study in UK Biobank. Lancet Respiratory Medicine,the, 2015, 3, 769-781.	10.7	346
5	Bicuspid Aortic Valve. Circulation, 2014, 129, 2691-2704.	1.6	342
6	Genetic loci associated with chronic obstructive pulmonary disease overlap with loci for lung function and pulmonary fibrosis. Nature Genetics, 2017, 49, 426-432.	21.4	306
7	Oxidized Phospholipids, Lipoprotein(a),Âand Progression of CalcificÂAortic ValveÂStenosis. Journal of the American College of Cardiology, 2015, 66, 1236-1246.	2.8	295
8	Tobacco Smoking Increases the Lung Gene Expression of ACE2, the Receptor of SARS-CoV-2. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 1557-1559.	5.6	270
9	Lung eQTLs to Help Reveal the Molecular Underpinnings of Asthma. PLoS Genetics, 2012, 8, e1003029.	3.5	261
10	Genome-wide association analyses for lung function and chronic obstructive pulmonary disease identify new loci and potential druggable targets. Nature Genetics, 2017, 49, 416-425.	21.4	257
11	Genetic landscape of chronic obstructive pulmonary disease identifies heterogeneous cell-type and phenotype associations. Nature Genetics, 2019, 51, 494-505.	21.4	257
12	Genetic variants associated with susceptibility to idiopathic pulmonary fibrosis in people of European ancestry: a genome-wide association study. Lancet Respiratory Medicine,the, 2017, 5, 869-880.	10.7	233
13	Genome-Wide Association Study of Susceptibility to Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 564-574.	5.6	208
14	Autotaxin Derived From Lipoprotein(a) and Valve Interstitial Cells Promotes Inflammation and Mineralization of the Aortic Valve. Circulation, 2015, 132, 677-690.	1.6	185
15	Moderate-to-severe asthma in individuals of European ancestry: a genome-wide association study. Lancet Respiratory Medicine,the, 2019, 7, 20-34.	10.7	183
16	Altered DNA Methylation of Long Noncoding RNA *H19* in Calcific Aortic Valve Disease Promotes Mineralization by Silencing *NOTCH1*. Circulation, 2016, 134, 1848-1862.	1.6	182
17	Identification of *TMPRSS2* as a Susceptibility Gene for Severe 2009 Pandemic A(H1N1) Influenza and A(H7N9) Influenza. Journal of Infectious Diseases, 2015, 212, 1214-1221.	4.0	170
18	Sex-Related Discordance Between Aortic Valve Calcification and Hemodynamic Severity of Aortic Stenosis. Circulation Research, 2017, 120, 681-691.	4.5	165

#	ARTICLE	IF	CITATIONS
19	Inflammation Is Associated with the Remodeling of Calcific Aortic Valve Disease. Inflammation, 2013, 36, 573-581.	3.8	163
20	A Roadmap to Investigate the Genetic Basis of Bicuspid Aortic Valve and its Complications. Journal of the American College of Cardiology, 2014, 64, 832-839.	2.8	162
21	A Decade of GWAS Results in Lung Cancer. Cancer Epidemiology Biomarkers and Prevention, 2018, 27, 363-379.	2.5	162
22	1Î±,25-Dihydroxy-vitamin D3 stimulation of bronchial smooth muscle cells induces autocrine, contractility, and remodeling processes. Physiological Genomics, 2007, 29, 161-168.	2.3	123
23	Refining Molecular Pathways Leading to Calcific Aortic Valve Stenosis by Studying Gene Expression Profile of Normal and Calcified Stenotic Human Aortic Valves. Circulation: Cardiovascular Genetics, 2009, 2, 489-498.	5.1	123
24	P2Y2 receptor represses IL-6 expression by valve interstitial cells through Akt: Implication for calcific aortic valve disease. Journal of Molecular and Cellular Cardiology, 2014, 72, 146-156.	1.9	114
25	Molecular Signature of Smoking in Human Lung Tissues. Cancer Research, 2012, 72, 3753-3763.	0.9	111
26	Elevated Expression of Lipoprotein-Associated Phospholipase A2 in Calcific Aortic Valve Disease. Journal of the American College of Cardiology, 2014, 63, 460-469.	2.8	108
27	Sixteen new lung function signals identified through 1000 Genomes Project reference panel imputation. Nature Communications, 2015, 6, 8658.	12.8	108
28	Genome-Wide Interaction Analysis of Air Pollution Exposure and Childhood Asthma with Functional Follow-up. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 1373-1383.	5.6	107
29	Genetic association analyses highlight biological pathways underlying mitral valve prolapse. Nature Genetics, 2015, 47, 1206-1211.	21.4	103
30	MicroRNA-19a enhances proliferation of bronchial epithelial cells by targeting $TGF\beta R2$ gene in severe asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2015, 70, 212-219.	5.7	100
31	Cross-Cancer Genome-Wide Analysis of Lung, Ovary, Breast, Prostate, and Colorectal Cancer Reveals Novel Pleiotropic Associations. Cancer Research, 2016, 76, 5103-5114.	0.9	100
32	Analyses of associations with asthma in four asthma population samples from Canada and Australia. Human Genetics, 2009, 125, 445-459.	3.8	95
33	A thymic stromal lymphopoietin gene variant is associated with asthma and airway hyperresponsiveness. Journal of Allergy and Clinical Immunology, 2009, 124, 222-229.	2.9	95
34	A transcriptome-wide association study identifies PALMD as a susceptibility gene for calcific aortic valve stenosis. Nature Communications, 2018, 9, 988.	12.8	93
35	A Mendelian randomization study of IL6 signaling in cardiovascular diseases, immune-related disorders and longevity. Npj Genomic Medicine, 2019, 4, 23.	3.8	91
36	Genetic variations in taste receptors are associated with chronic rhinosinusitis: a replication study. International Forum of Allergy and Rhinology, 2014, 4, 200-206.	2.8	90

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37	A large lung gene expression study identifying fibulin-5 as a novel player in tissue repair in COPD. Thorax, 2015, 70, 21-32.	5.6	89
38	ATP acts as a survival signal and prevents the mineralization of aortic valve. Journal of Molecular and Cellular Cardiology, 2012, 52, 1191-1202.	1.9	86
39	Multiethnic meta-analysis identifies ancestry-specific and cross-ancestry loci for pulmonary function. Nature Communications, 2018, 9, 2976.	12.8	85
40	Genomic and evolutionary classification of lung cancer in never smokers. Nature Genetics, 2021, 53, 1348-1359.	21.4	81
41	Toward a Comprehensive Set of Asthma Susceptibility Genes. Annual Review of Medicine, 2007, 58, 171-184.	12.2	77
42	Prioritization of candidate causal genes for asthma in susceptibility loci derived from UK Biobank. Communications Biology, 2021, 4, 700.	4.4	77
43	Genomics. Journal of the American College of Cardiology, 2008, 51, 1327-1336.	2.8	76
44	OxLDL-derived lysophosphatidic acid promotes the progression of aortic valve stenosis through a LPAR1-RhoAâ€"NF-Iº B pathway. Cardiovascular Research, 2017, 113, 1351-1363.	3.8	76
45	Identification of susceptibility genes for complex diseases using pooling-based genome-wide association scans. Human Genetics, 2009, 125, 305-318.	3.8	74
46	Autotaxin interacts with lipoprotein(a) and oxidized phospholipids in predicting the risk of calcific aortic valve stenosis in patients with coronary artery disease. Journal of Internal Medicine, 2016, 280, 509-517.	6.0	73
47	High Expression of the Pi-Transporter SLC20A1/Pit1 in Calcific Aortic Valve Disease Promotes Mineralization through Regulation of Akt-1. PLoS ONE, 2013, 8, e53393.	2.5	69
48	SARS-CoV-2 receptor ACE2 gene expression and RAAS inhibitors. Lancet Respiratory Medicine,the, 2020, 8, e50-e51.	10.7	68
49	Acetylsalicylic acid, aging and coronary artery disease are associated with ABCA1 DNA methylation in men. Clinical Epigenetics, 2014, 6, 14.	4.1	67
50	Updates on the COPD gene list. International Journal of COPD, 2012, 7, 607.	2.3	66
51	Refining Susceptibility Loci of Chronic Obstructive Pulmonary Disease with Lung eqtls. PLoS ONE, 2013, 8, e70220.	2.5	66
52	Molecular mechanisms underlying variations in lung function: a systems genetics analysis. Lancet Respiratory Medicine,the, 2015, 3, 782-795.	10.7	66
53	The landscape of host genetic factors involved in immune response to common viral infections. Genome Medicine, 2020, 12, 93.	8.2	65
54	Increased Biglycan in Aortic Valve Stenosis Leads to the Overexpression of Phospholipid Transfer Protein via Toll-Like Receptor 2. American Journal of Pathology, 2010, 176, 2638-2645.	3.8	63

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55	GATA6 Regulates Aortic Valve Remodeling, and Its Haploinsufficiency Leads to Right-Left Type Bicuspid Aortic Valve. Circulation, 2018, 138, 1025-1038.	1.6	63
56	Effect of liver fatty acid binding protein (FABP) T94A missense mutation on plasma lipoprotein responsiveness to treatment with fenofibrate. Journal of Human Genetics, 2004, 49, 424-432.	2.3	62
57	Genome-wide linkage scan reveals multiple susceptibility loci influencing lipid and lipoprotein levels in the Québec Family Study. Journal of Lipid Research, 2004, 45, 419-426.	4.2	60
58	Identification of susceptibility pathways for the role of chromosome 15q25.1 in modifying lung cancer risk. Nature Communications, 2018, 9, 3221.	12.8	60
59	Age, Sex, and Valve Phenotype Differences in Fibro-Calcific Remodeling of Calcified Aortic Valve. Journal of the American Heart Association, 2020, 9, e015610.	3.7	58
60	Electronic health record-based genome-wide meta-analysis provides insights on the genetic architecture of non-alcoholic fatty liver disease. Cell Reports Medicine, 2021, 2, 100437.	6.5	56
61	The pathology and pathobiology of bicuspid aortic valve: State of the art and novel research perspectives. Journal of Pathology: Clinical Research, 2015, 1, 195-206.	3.0	55
62	Identification of Gender-Specific Genetic Variants in Patients With Bicuspid Aortic Valve. American Journal of Cardiology, 2016, 117, 420-426.	1.6	53
63	The peroxisome proliferator-activated receptor α Leu162Val polymorphism influences the metabolic response to a dietary intervention altering fatty acid proportions in healthy men. American Journal of Clinical Nutrition, 2005, 81, 523-530.	4.7	52
64	RNA expression profile of calcified bicuspid, tricuspid, and normal human aortic valves by RNA sequencing. Physiological Genomics, 2016, 48, 749-761.	2.3	52
65	Associations and interactions of genetic polymorphisms in innate immunity genes with early viral infections and susceptibility to asthma and asthma-related phenotypes. Journal of Allergy and Clinical Immunology, 2012, 130, 1284-1293.	2.9	51
66	Impact of Plasma Lp-PLA2 Activity on the Progression of Aortic Stenosis. JACC: Cardiovascular Imaging, 2015, 8, 26-33.	5.3	51
67	Calcium Signaling Pathway Genes *RUNX2* and *CACNA1C* Are Associated With Calcific Aortic Valve Disease. Circulation: Cardiovascular Genetics, 2015, 8, 812-822.	5.1	51
68	The T111I mutation in the EL gene modulates the impact of dietary fat on the HDL profile in women. Journal of Lipid Research, 2003, 44, 1902-1908.	4.2	49
69	Amyloid substance within stenotic aortic valves promotes mineralization. Histopathology, 2012, 61, 610-619.	2.9	49
70	Common genes underlying asthma and COPD? Genome-wide analysis on the Dutch hypothesis. European Respiratory Journal, 2014, 44, 860-872.	6.7	49
71	Activated platelets promote an osteogenic programme and the progression of calcific aortic valve stenosis. European Heart Journal, 2019, 40, 1362-1373.	2.2	49
72	Combining genomewide association study and lung eQTL analysis provides evidence for novel genes associated with asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2016, 71, 1712-1720.	5.7	47

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73	GSTCD and INTS12 Regulation and Expression in the Human Lung. PLoS ONE, 2013, 8, e74630.	2.5	46
74	Surfactant protein D is a causal risk factor for COPD: results of Mendelian randomisation. European Respiratory Journal, 2017, 50, 1700657.	6.7	45
75	Genome-wide association study on the FEV 1 /FVC ratio in never-smokers identifies HHIP and FAM13A. Journal of Allergy and Clinical Immunology, 2017, 139, 533-540.	2.9	45
76	Genetic Association Analyses Highlight *IL6* , *ALPL* , and *NAV1* As 3 New Susceptibility Genes Underlying Calcific Aortic Valve Stenosis. Circulation Genomic and Precision Medicine, 2019, 12, e002617.	3.6	45
77	Causal and Synthetic Associations of Variants in the SERPINA Gene Cluster with Alpha1-antitrypsin Serum Levels. PLoS Genetics, 2013, 9, e1003585.	3.5	43
78	Angiotensin Receptor Blockers Are Associated with Reduced Fibrosis and Interleukin-6 Expression in Calcific Aortic Valve Disease. Pathobiology, 2014, 81, 15-24.	3.8	43
79	Functional variants regulating LGALS1 (Galectin 1) expression affect human susceptibility to influenza A(H7N9). Scientific Reports, 2015, 5, 8517.	3.3	43
80	Genome-wide association study of familial lung cancer. Carcinogenesis, 2018, 39, 1135-1140.	2.8	42
81	The Transcriptome of Human Epicardial, Mediastinal and Subcutaneous Adipose Tissues in Men with Coronary Artery Disease. PLoS ONE, 2011, 6, e19908.	2.5	42
82	Elevated Lipoprotein(a) and Risk of AtrialÂFibrillation. Journal of the American College of Cardiology, 2022, 79, 1579-1590.	2.8	42
83	A Genome-Wide Association Study of Chronic Obstructive Pulmonary Disease in Hispanics. Annals of the American Thoracic Society, 2015, 12, 340-348.	3.2	41
84	Exposure to electronic cigarette vapors affects pulmonary and systemic expression of circadian molecular clock genes. Physiological Reports, 2017, 5, e13440.	1.7	40
85	Leukotriene D$_4$â€induced, epithelial cellâ€derived transforming growth factor Î²1 in human bronchial smooth muscle cell proliferation. Clinical and Experimental Allergy, 2008, 38, 113-121.	2.9	39
86	Lipoprotein(a), Oxidized Phospholipids, and Aortic Valve Microcalcification Assessed by 18F-Sodium Fluoride Positron Emission Tomography and Computed Tomography. CJC Open, 2019, 1, 131-140.	1.5	38
87	Evidence for a Major Quantitative Trait Locus on Chromosome 17q21 Affecting Low-Density Lipoprotein Peak Particle Diameter. Circulation, 2003, 107, 2361-2368.	1.6	37
88	Genetics of LDL particle heterogeneity. Journal of Lipid Research, 2004, 45, 1008-1026.	4.2	37
89	Impact of Cigarette Smoke on the Human and Mouse Lungs: A Gene-Expression Comparison Study. PLoS ONE, 2014, 9, e92498.	2.5	37
90	Leveraging lung tissue transcriptome to uncover candidate causal genes in COPD genetic associations. Human Molecular Genetics, 2018, 27, 1819-1829.	2.9	37

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91	Influences of the PPARα-L162V polymorphism on plasma HDL2-cholesterol response of abdominally obese men treated with gemfibrozil. Genetics in Medicine, 2002, 4, 311-315.	2.4	36
92	Polymorphisms in interleukin-1 receptor–associated kinase 4 are associated with total serum IgE. Allergy: European Journal of Allergy and Clinical Immunology, 2009, 64, 746-753.	5.7	36
93	Multi-omics highlights ABO plasma protein as a causal risk factor for COVID-19. Human Genetics, 2021, 140, 969-979.	3.8	36
94	Genome-wide interaction study of gene-by-occupational exposure and effects on FEV1 levels. Journal of Allergy and Clinical Immunology, 2015, 136, 1664-1672.e14.	2.9	34
95	Transcriptome–wide association study reveals candidate causal genes for lung cancer. International Journal of Cancer, 2020, 146, 1862-1878.	5.1	33
96	Novel Genes for Airway Wall Thickness Identified with Combined Genome-Wide Association and Expression Analyses. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 547-556.	5.6	32
97	Genetic Variation in *LPA*, Calcific Aortic Valve Stenosis in Patients Undergoing Cardiac Surgery, and Familial Risk of Aortic Valve Microcalcification. JAMA Cardiology, 2019, 4, 620.	6.1	32
98	Association of *FADS1/2* Locus Variants and Polyunsaturated Fatty Acids With Aortic Stenosis. JAMA Cardiology, 2020, 5, 694.	6.1	32
99	Comprehensive Assessment of PD-L1 Staining Heterogeneity in Pulmonary Adenocarcinomas Using Tissue Microarrays. American Journal of Surgical Pathology, 2018, 42, 687-694.	3.7	31
100	Protein-altering germline mutations implicate novel genes related to lung cancer development. Nature Communications, 2020, 11, 2220.	12.8	31
101	Genetic regulation of gene expression in the lung identifies *CST3* and *CD22* as potential causal genes for airflow obstruction. Thorax, 2014, 69, 997-1004.	5.6	30
102	Whole Exome Re-Sequencing Implicates CCDC38 and Cilia Structure and Function in Resistance to Smoking Related Airflow Obstruction. PLoS Genetics, 2014, 10, e1004314.	3.5	29
103	The DNA repair transcriptome in severe COPD. European Respiratory Journal, 2018, 52, 1701994.	6.7	29
104	Phenotypic and functional translation of IL33 genetics in asthma. Journal of Allergy and Clinical Immunology, 2021, 147, 144-157.	2.9	29
105	Replication of Genetic Association Studies in Aortic Stenosis in Adults. American Journal of Cardiology, 2011, 108, 1305-1310.	1.6	28
106	Integrative Genomics of Emphysema-Associated Genes Reveals Potential Disease Biomarkers. American Journal of Respiratory Cell and Molecular Biology, 2017, 57, 411-418.	2.9	28
107	The Peroxisome Proliferator–Activated Receptor α L162V Mutation Is Associated with Reduced Adiposity. Obesity, 2003, 11, 809-816.	4.0	27
108	Genome-Wide Association Study Identification of Novel Loci Associated with Airway Responsiveness in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory Cell and Molecular Biology, 2015, 53, 226-234.	2.9	27

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109	Responsiveness to Ipratropium Bromide in Male and Female Patients with Mild to Moderate Chronic Obstructive Pulmonary Disease. EBioMedicine, 2017, 19, 139-145.	6.1	27
110	DNA methylation of a PLPP3 MIR transposon-based enhancer promotes an osteogenic programme in calcific aortic valve disease. Cardiovascular Research, 2018, 114, 1525-1535.	3.8	27
111	Association of Long-term Exposure to Elevated Lipoprotein(a) Levels With Parental Life Span, Chronic Disease–Free Survival, and Mortality Risk. JAMA Network Open, 2020, 3, e200129.	5.9	27
112	Compendium of genome-wide scans of lipid-related phenotypes. Journal of Lipid Research, 2004, 45, 2174-2184.	4.2	26
113	Epigenetic and genetic variations at the <i>TNNT1</i> gene locus are associated with HDL-C levels and coronary artery disease. Epigenomics, 2016, 8, 359-371.	2.1	26
114	Multimarker Approach to Identify Patients With Higher Mortality and Rehospitalization Rate After Surgical Aortic Valve Replacement for Aortic Stenosis. JACC: Cardiovascular Interventions, 2018, 11, 2172-2181.	2.9	26
115	UCP1 expression–associated gene signatures of human epicardial adipose tissue. JCI Insight, 2019, 4, .	5.0	26
116	Phenotypic and functional translation of IL1RL1 locus polymorphisms in lung tissue and asthmatic airway epithelium. JCI Insight, 2020, 5, .	5.0	26
117	Genetic interaction analysis among oncogenesis-related genes revealed novel genes and networks in lung cancer development. Oncotarget, 2019, 10, 1760-1774.	1.8	25
118	Susceptibility to Chronic Mucus Hypersecretion, a Genome Wide Association Study. PLoS ONE, 2014, 9, e91621.	2.5	25
119	NOTCH1 genetic variants in patients with tricuspid calcific aortic valve stenosis. Journal of Heart Valve Disease, 2013, 22, 142-9.	0.5	25
120	Evaluation of Links Between High-Density Lipoprotein Genetics, Functionality, and Aortic Valve Stenosis Risk in Humans. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 457-462.	2.4	24
121	Altered intestinal functions and increased local inflammation in insulin-resistant obese subjects: a gene-expression profile analysis. BMC Gastroenterology, 2015, 15, 119.	2.0	24
122	Association between plasma lipoprotein levels and bioprosthetic valve structural degeneration. Heart, 2016, 102, 1915-1921.	2.9	24
123	COPD GWAS variant at 19q13.2 in relation with DNA methylation and gene expression. Human Molecular Genetics, 2018, 27, 396-405.	2.9	24
124	Polymorphisms Associated with Expression of BPIFA1/BPIFB1 and Lung Disease Severity in Cystic Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2015, 53, 607-614.	2.9	23
125	Role of <scp>BAFF</scp> in pulmonary autoantibody responses induced by chronic cigarette smoke exposure in mice. Physiological Reports, 2016, 4, e13057.	1.7	23
126	Pathobiology of Lp(a) in calcific aortic valve disease. Expert Review of Cardiovascular Therapy, 2017, 15, 797-807.	1.5	23

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127	Immune-mediated genetic pathways resulting in pulmonary function impairment increase lung cancer susceptibility. Nature Communications, 2020, 11, 27.	12.8	23
128	A pro-inflammatory role for the Frizzled-8 receptor in chronic bronchitis. Thorax, 2016, 71, 312-322.	5.6	21
129	Understanding the role of the chromosome 15q25.1 in COPD through epigenetics and transcriptomics. European Journal of Human Genetics, 2018, 26, 709-722.	2.8	21
130	Performance Characteristics of Spirometry With Negative Bronchodilator Response and Methacholine Challenge Testing and Implications for Asthma Diagnosis. Chest, 2020, 158, 479-490.	0.8	21
131	Integrative genomics identifies new genes associated with severe COPD and emphysema. Respiratory Research, 2018, 19, 46.	3.6	20
132	G-Protein-Coupled Receptors and Asthma Endophenotypes. Molecular Diagnosis and Therapy, 2006, 10, 353-366.	3.8	19
133	Genome-wide expression quantitative trait loci analysis in asthma. Current Opinion in Allergy and Clinical Immunology, 2013, 13, 487-494.	2.3	19
134	Dissecting the genetics of chronic mucus hypersecretion in smokers with and without COPD. European Respiratory Journal, 2015, 45, 60-75.	6.7	19
135	Genome-wide association meta-analysis identifies pleiotropic risk loci for aerodigestive squamous cell cancers. PLoS Genetics, 2021, 17, e1009254.	3.5	19
136	Meta-analysis of exome array data identifies six novel genetic loci for lung function. Wellcome Open Research, 2018, 3, 4.	1.8	19
137	Genetics of chronic obstructive pulmonary disease: a succinct review, future avenues and prospective clinical applications. Pharmacogenomics, 2009, 10, 655-667.	1.3	18
138	Susceptibility loci for lung cancer are associated with mRNA levels of nearby genes in the lung. Carcinogenesis, 2014, 35, 2653-2659.	2.8	18
139	The Overlap of Lung Tissue Transcriptome of Smoke Exposed Mice with Human Smoking and COPD. Scientific Reports, 2018, 8, 11881.	3.3	18
140	A pooling–based genomewide association study identifies genetic variants associated with <i>Staphylococcus aureus</i> colonization in chronic rhinosinusitis patients. International Forum of Allergy and Rhinology, 2014, 4, 207-215.	2.8	17
141	A study in familial hypercholesterolemia suggests reduced methylomic plasticity in men with coronary artery disease. Epigenomics, 2015, 7, 17-34.	2.1	17
142	Carbonic anhydrase XII in valve interstitial cells promotes the regression of calcific aortic valve stenosis. Journal of Molecular and Cellular Cardiology, 2015, 82, 104-115.	1.9	17
143	Novel genes and insights in complete asthma remission: A genome–wide association study on clinical and complete asthma remission. Clinical and Experimental Allergy, 2018, 48, 1286-1296.	2.9	17
144	High FA2H and UGT8 transcript levels predict hydroxylated hexosylceramide accumulation in lung adenocarcinoma. Journal of Lipid Research, 2019, 60, 1776-1786.	4.2	17

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145	Protective effect of club cell secretory protein (CC-16) on COPD risk and progression: a Mendelian randomisation study. Thorax, 2020, 75, 934-943.	5.6	17
146	Association of Forced Vital Capacity with the Developmental Gene NCOR2. PLoS ONE, 2016, 11, e0147388.	2.5	17
147	Polygenic Risk Score for Coronary Artery Disease Improves the Prediction of Early-Onset Myocardial Infarction and Mortality in Men. Circulation Genomic and Precision Medicine, 2021, 14, CIRCGEN121003452.	3.6	17
148	CD8A gene polymorphisms predict severity factors in chronic rhinosinusitis. International Forum of Allergy and Rhinology, 2013, 3, 605-611.	2.8	16
149	Active smoking status in chronic rhinosinusitis is associated with higher serum markers of inflammation and lower serum eosinophilia. International Forum of Allergy and Rhinology, 2014, 4, 347-352.	2.8	16
150	The Effect of Statins on Blood Gene Expression in COPD. PLoS ONE, 2015, 10, e0140022.	2.5	16
151	Lung expression quantitative trait loci data set identifies important functional polymorphisms in the asthma-associated IL1RL1 region. Journal of Allergy and Clinical Immunology, 2014, 134, 729-731.	2.9	15
152	A Potent Tartrate Resistant Acid Phosphatase Inhibitor to Study the Function of TRAP in Alveolar Macrophages. Scientific Reports, 2017, 7, 12570.	3.3	15
153	Early-onset emphysema in a large French-Canadian family: a genetic investigation. Lancet Respiratory Medicine,the, 2019, 7, 427-436.	10.7	15
154	Transcriptomic data helps refining classification of pulmonary carcinoid tumors with increased mitotic counts. Modern Pathology, 2020, 33, 1712-1721.	5.5	15
155	Aryl hydrocarbon receptor deficiency causes the development of chronic obstructive pulmonary disease through the integration of multiple pathogenic mechanisms. FASEB Journal, 2021, 35, e21376.	0.5	15
156	SARS-CoV-2 Impairs Dendritic Cells and Regulates DC-SIGN Gene Expression in Tissues. International Journal of Molecular Sciences, 2021, 22, 9228.	4.1	15
157	Genetic Associations and Architecture of Asthma-COPD Overlap. Chest, 2022, 161, 1155-1166.	0.8	15
158	Detection of a major gene effect for LDL peak particle diameter and association with apolipoprotein H gene haplotype. Atherosclerosis, 2005, 182, 231-239.	0.8	14
159	Deficiency of <scp>FHL</scp>2 attenuates airway inflammation in mice and genetic variation associates with human bronchial hyperresponsiveness. Allergy: European Journal of Allergy and Clinical Immunology, 2015, 70, 1531-1544.	5.7	14
160	Human Lung Tissue Transcriptome: Influence of Sex and Age. PLoS ONE, 2016, 11, e0167460.	2.5	14
161	Human Genetic Susceptibility to Native Valve Staphylococcus aureus Endocarditis in Patients With S. aureus Bacteremia: Genome-Wide Association Study. Frontiers in Microbiology, 2018, 9, 640.	3.5	14
162	Lipoprotein Proteomics and Aortic Valve Transcriptomics Identify Biological Pathways Linking Lipoprotein(a) Levels to Aortic Stenosis. Metabolites, 2021, 11, 459.	2.9	14

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163	Haplotypes in the phospholipid transfer protein gene are associated with obesity-related phenotypes: the Québec Family Study. International Journal of Obesity, 2005, 29, 1338-1345.	3.4	13
164	Clinical Experience with SERPINA1 DNA Sequencing to Detect Alpha-1 Antitrypsin Deficiency. Annals of the American Thoracic Society, 2018, 15, 266-268.	3.2	13
165	Granularity of *SERPINA1* alleles by DNA sequencing in CanCOLD. European Respiratory Journal, 2020, 56, 2000958.	6.7	13
166	Susceptibility genes for lung diseases in the major histocompatibility complex revealed by lung expression quantitative trait loci analysis. European Respiratory Journal, 2016, 48, 573-576.	6.7	12
167	Targeted high-throughput sequencing of candidate genes for chronic obstructive pulmonary disease. BMC Pulmonary Medicine, 2016, 16, 146.	2.0	12
168	Latrophilin receptors: novel bronchodilator targets in asthma. Thorax, 2017, 72, 74-82.	5.6	12
169	Linoleic acid supplementation of cell culture media influences the phospholipid and lipid profiles of human reconstructed adipose tissue. PLoS ONE, 2019, 14, e0224228.	2.5	12
170	Phenome-wide analyses establish a specific association between aortic valve PALMD expression and calcific aortic valve stenosis. Communications Biology, 2020, 3, 477.	4.4	12
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