Benjamin A Raby

List of Publications by Year
in descending order

95 papers	5,211 citations	101496 36 h-index	95218 68 g-index
110 all docs	110 docs citations	110 times ranked	9682 citing authors

#	Article	IF	Citations
1	Early Changes in Immune Cell Count, Metabolism, and Function Following Sleeve Gastrectomy: A Prospective Human Study. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e619-e630.	1.8	11
2	Genetic determinants of telomere length from 109,122 ancestrally diverse whole-genome sequences in TOPMed. Cell Genomics, 2022, 2, 100084.	3.0	29
3	Inflammasome activation in neutrophils of patients with severe COVID-19. Blood Advances, 2022, 6, 2001-2013.	2.5	59
4	Interstitial lung abnormalities are associated with decreased mean telomere length. European Respiratory Journal, 2022, 60, 2101814.	3.1	8
5	Asthma Susceptibility Gene ORMDL3 Promotes Autophagy in Human Bronchial Epithelium. American Journal of Respiratory Cell and Molecular Biology, 2022, 66, 661-670.	1.4	6
6	Progenitor potential of lung epithelial organoid cells in a transplantation model. Cell Reports, 2022, 39, 110662.	2.9	26
7	Interferonâ€alpha or â€beta Facilitates SARSâ€CoVâ€2 Pulmonary Vascular Infection by Inducing ACE2. FASEB Journal, 2022, 36, .	0.2	1
8	Network study of nasal transcriptome profiles reveals master regulator genes of asthma. Journal of Allergy and Clinical Immunology, 2021, 147, 879-893.	1.5	22
9	A novel locus for exertional dyspnoea in childhood asthma. European Respiratory Journal, 2021, 57, 2001224.	3.1	4
10	Roles of Postdiagnosis Accumulation of Morbidities and Lifestyle Changes in Excess Total and Causeâ€Specific Mortality Risk in Rheumatoid Arthritis. Arthritis Care and Research, 2021, 73, 188-198.	1.5	36
11	Psychological impact of genetic and clinical screening for pulmonary fibrosis on asymptomatic first-degree relatives of affected individuals. Thorax, 2021, 76, 621-623.	2.7	11
12	A homozygous stop-gain variant in ARHGAP42 is associated with childhood interstitial lung disease, systemic hypertension, and immunological findings. PLoS Genetics, 2021, 17, e1009639.	1.5	4
13	Regulated on Activation, Normal T cell Expressed and Secreted (RANTES) drives the resolution of allergic asthma. IScience, 2021, 24, 103163.	1.9	6
14	A bronchialâ€airway geneâ€expression classifier to improve the diagnosis of lung cancer: Clinical outcomes and costâ€effectiveness analysis. International Journal of Cancer, 2020, 146, 781-790.	2.3	7
15	An RNA-seq primer for pulmonologists. European Respiratory Journal, 2020, 55, 1801625.	3.1	2
16	Involvement of fine particulate matter exposure with gene expression pathways in breast tumor and adjacent-normal breast tissue. Environmental Research, 2020, 186, 109535.	3.7	0
17	Shorter telomere length following lung transplantation is associated with clinically significant leukopenia and decreased chronic lung allograft dysfunction-free survival. ERJ Open Research, 2020, 6, 00003-2020.	1.1	33
18	From 2D to 3D: Promising Advances in Imaging Lung Structure. Frontiers in Medicine, 2020, 7, 343.	1.2	5

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19	Role of nuclear factor of activated T cells 2 (NFATc2) in allergic asthma. Immunity, Inflammation and Disease, 2020, 8, 704-712.	1.3	8
20	Effect of Intrauterine Smoke Exposure on microRNA-15a Expression in Human Lung Development and Subsequent Asthma Risk. Healthcare (Switzerland), 2020, 8, 536.	1.0	5
21	Single-cell RNA-seq reveals ectopic and aberrant lung-resident cell populations in idiopathic pulmonary fibrosis. Science Advances, 2020, 6, eaba1983.	4.7	713
22	Pharmacogenetic investigation of efficacy response to mepolizumab in eosinophilic granulomatosis with polyangiitis. Rheumatology International, 2020, 40, 1301-1307.	1.5	2
23	Expression of SMARCD1 interacts with age in association with asthma control on inhaled corticosteroid therapy. Respiratory Research, 2020, 21, 31.	1.4	6
24	Biobanking and cryopreservation of human lung explants for omic analysis. European Respiratory Journal, 2020, 55, 1801635.	3.1	15
25	Discovering the genes mediating the interactions between chronic respiratory diseases in the human interactome. Nature Communications, 2020, 11, 811.	5.8	25
26	Lessons of the month: A breathless severe asthmatic in the genomic era: Occam's razor or Hickam's dictum?. Clinical Medicine, 2020, 20, e264-e266.	0.8	3
27	A trial of type 12 purinergic (P2Y12) receptor inhibition with prasugrel identifies a potentially distinct endotype of patients with aspirin-exacerbated respiratory disease. Journal of Allergy and Clinical Immunology, 2019, 143, 316-324.e7.	1.5	34
28	Targeted deletion of NFAT-Interacting-Protein-(NIP) 45 resolves experimental asthma by inhibiting Innate Lymphoid Cells group 2 (ILC2). Scientific Reports, 2019, 9, 15695.	1.6	5
29	The Genetics of Pneumothorax. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 1344-1357.	2.5	45
30	DNA methylation is associated with inhaled corticosteroid response in persistent childhood asthmatics. Clinical and Experimental Allergy, 2019, 49, 1225-1234.	1.4	15
31	Unique Effect of Aspirin Therapy on Biomarkers in Aspirin-exacerbated Respiratory Disease. A Prospective Trial. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 704-711.	2.5	42
32	The role of the 17q21 genotype in the prevention of early childhood asthma and recurrent wheeze by vitamin D. European Respiratory Journal, 2019, 54, 1900761.	3.1	29
33	Asthma severity, nature or nurture: genetic determinants. Current Opinion in Pediatrics, 2019, 31, 340-348.	1.0	12
34	DNA methylation is associated with improvement in lung function on inhaled corticosteroids in pediatric asthmatics. Pharmacogenetics and Genomics, 2019, 29, 65-68.	0.7	9
35	An admixture mapping meta-analysis implicates genetic variation at 18q21 with asthma susceptibility in Latinos. Journal of Allergy and Clinical Immunology, 2019, 143, 957-969.	1.5	33
36	Sex differences in gene expression in response to ischemia in the human left ventricular myocardium. Human Molecular Genetics, 2019, 28, 1682-1693.	1.4	26

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37	Alpha-1 Antitrypsin Deficiency as an Incidental Finding in Clinical Genetic Testing. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 246-248.	2.5	9
38	TFutils: Data structures for transcription factor bioinformatics. F1000Research, 2019, 8, 152.	0.8	1
39	Role of local CpG DNA methylation in mediating the 17q21 asthma susceptibility gasdermin B (GSDMB)/ORMDL sphingolipid biosynthesis regulator 3 (ORMDL3) expression quantitative trait locus. Journal of Allergy and Clinical Immunology, 2018, 141, 2282-2286.e6.	1.5	20
40	Familial pneumothorax: towards precision medicine. Thorax, 2018, 73, 270-276.	2.7	26
41	A PRDX1 mutant allele causes a MMACHC secondary epimutation in cblC patients. Nature Communications, 2018, 9, 67.	5.8	64
42	TREM-1 Response Signatures Common to Expression Profiles of Both Asthma Affection and Asthma Control. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 401-404.	2.5	0
43	Rheumatoid arthritis and risk of chronic obstructive pulmonary disease or asthma among women: A marginal structural model analysis in the Nursesâ€™ Health Study. Seminars in Arthritis and Rheumatism, 2018, 47, 639-648.	1.6	42
44	Genetic-Epigenetic Interactions in Asthma Revealed by a Genome-Wide Gene-Centric Search. Human Heredity, 2018, 83, 130-152.	0.4	18
45	Current Status and Future Opportunities in Lung Precision Medicine Research with a Focus on Biomarkers. An American Thoracic Society/National Heart, Lung, and Blood Institute Research Statement. American Journal of Respiratory and Critical Care Medicine, 2018, 198, e116-e136.	2.5	49
46	Gene Coexpression Networks in Whole Blood Implicate Multiple Interrelated Molecular Pathways in Obesity in People with Asthma. Obesity, 2018, 26, 1938-1948.	1.5	11
47	Childhood asthma is associated with COPD and known asthma variants in COPDGene: a genome-wide association study. Respiratory Research, 2018, 19, 209.	1.4	41
48	Novel eosinophilic gene expression networks associated with IgE in two distinct asthma populations. Clinical and Experimental Allergy, 2018, 48, 1654-1664.	1.4	22
49	A Nasal Brush-based Classifier of Asthma Identified by Machine Learning Analysis of Nasal RNA Sequence Data. Scientific Reports, 2018, 8, 8826.	1.6	51
50	Limited statistical evidence for shared genetic effects of eQTLs and autoimmune-disease-associated loci in three major immune-cell types. Nature Genetics, 2017, 49, 600-605.	9.4	205
51	A meta-analysis of genome-wide association studies of asthma in PuertoÂRicans. European Respiratory Journal, 2017, 49, 1601505.	3.1	51
52	A new diagnosis of Williamsâ€“Beuren syndrome in a 49â€yearâ€old man with severe bullous emphysema. American Journal of Medical Genetics, Part A, 2017, 173, 2235-2239.	0.7	8
53	The MUC5B promoter polymorphism is associated with specific interstitial lung abnormality subtypes. European Respiratory Journal, 2017, 50, 1700537.	3.1	55
54	Cover Image, Volume 173A, Number 8, August 2017. American Journal of Medical Genetics, Part A, 2017, 173, i.	0.7	0

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55	Gene Expression Profiling in Blood Provides Reproducible Molecular Insights into Asthma Control. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 179-188.	2.5	49
56	Association of Donor and Recipient Telomere Length with Clinical Outcomes following Lung Transplantation. PLoS ONE, 2016, 11, e0162409.	1.1	30
57	Genetics and Genomics of Longitudinal Lung Function Patterns in Individuals with Asthma. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 1465-1474.	2.5	20
58	Gene expression network analyses in response to air pollution exposures in the trucking industry. Environmental Health, 2016, 15, 101.	1.7	24
59	Gene expression profiling of asthma phenotypes demonstrates molecular signatures of atopy and asthma control. Journal of Allergy and Clinical Immunology, 2016, 137, 1390-1397.e6.	1.5	28
60	Genome-wide association study and admixture mapping reveal new loci associated with total IgE levels in Latinos. Journal of Allergy and Clinical Immunology, 2015, 135, 1502-1510.	1.5	52
61	Stress and Bronchodilator Response in Children with Asthma. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 47-56.	2.5	99
62	A disease module in the interactome explains disease heterogeneity, drug response and captures novel pathways and genes in asthma. Human Molecular Genetics, 2015, 24, 3005-3020.	1.4	162
63	CTNNA3 and SEMA3D: Promising loci for asthma exacerbation identified through multiple genome-wide association studies. Journal of Allergy and Clinical Immunology, 2015, 136, 1503-1510.	1.5	50
64	Short Telomeres, Telomeropathy, and Subclinical Extrapulmonary Organ Damage in Patients With Interstitial Lung Disease. Chest, 2015, 147, 1549-1557.	0.4	38
65	Noninvasive Analysis of the Sputum Transcriptome Discriminates Clinical Phenotypes of Asthma. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 1116-1125.	2.5	86
66	Anticholinergic vs Long-Acting Î²-Agonist in Combination With Inhaled Corticosteroids in Black Adults With Asthma. JAMA - Journal of the American Medical Association, 2015, 314, 1720.	3.8	61
67	Integrated microRNA and mRNA responses to acute human left ventricular ischemia. Physiological Genomics, 2015, 47, 455-462.	1.0	30
68	Ethnic-specific associations of rare and low-frequency DNA sequence variants with asthma. Nature Communications, 2015, 6, 5965.	5.8	66
69	A prevalent caveolin-1 gene variant is associated with the metabolic syndrome in Caucasians and Hispanics. Metabolism: Clinical and Experimental, 2015, 64, 1674-1681.	1.5	31
70	Genetic control of gene expression at novel and established chronic obstructive pulmonary disease loci. Human Molecular Genetics, 2015, 24, 1200-1210.	1.4	43
71	Genome-wide interaction studies reveal sex-specific asthma risk alleles. Human Molecular Genetics, 2014, 23, 5251-5259.	1.4	70
72	Pharmacogenomics: novel loci identification via integrating gene differential analysis and eQTL analysis. Human Molecular Genetics, 2014, 23, 5017-5024.	1.4	24

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73	A genome-wide survey of CD4+ lymphocyte regulatory genetic variants identifies novel asthma genes. Journal of Allergy and Clinical Immunology, 2014, 134, 1153-1162.	1.5	46
74	Joint GWAS Analysis: Comparing similar GWAS at different genomic resolutions identifies novel pathway associations with six complex diseases. Genomics Data, 2014, 2, 202-211.	1.3	10
75	Circadian rhythm reprogramming during lung inflammation. Nature Communications, 2014, 5, 4753.	5.8	147
76	Metabolomic Derangements Are Associated with Mortality in Critically Ill Adult Patients. PLoS ONE, 2014, 9, e87538.	1.1	127
77	Meta-analysis of genome-wide association studies of asthma in ethnically diverse North American populations. Nature Genetics, 2011, 43, 887-892.	9.4	736
78	Asthma Bridge: The Asthma Biorepository For Integrative Genomic Exploration. , 2011, , .		4
79	The CD4+ T-cell transcriptome and serum IgE in asthma: IL17RB and the role of sex. BMC Pulmonary Medicine, 2011, 11, 17.	0.8	23
80	The impact of selfâ€identified race on epidemiologic studies of gene expression. Genetic Epidemiology, 2011, 35, 93-101.	0.6	12
81	Mapping of numerous disease-associated expression polymorphisms in primary peripheral blood CD4+ lymphocytes. Human Molecular Genetics, 2010, 19, 4745-4757.	1.4	98
82	A Role for Wnt Signaling Genes in the Pathogenesis of Impaired Lung Function in Asthma. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 328-336.	2.5	94
83	Importin-13 genetic variation is associated with improved airway responsiveness in childhood asthma. Respiratory Research, 2009, 10, 67.	1.4	32
84	Sex-stratified Linkage Analysis Identifies a Female-specific Locus for IgE to Cockroach in Costa Ricans. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 830-836.	2.5	71
85	Sex-specific linkage to total serum immunoglobulin E in families of children with asthma in Costa Rica. Human Molecular Genetics, 2007, 16, 243-253.	1.4	73
86	A common mitochondrial haplogroup is associated with elevated total serum IgE levels. Journal of Allergy and Clinical Immunology, 2007, 120, 351-358.	1.5	69
87	Eotaxin polymorphisms and serum total IgE levels in children with asthma. Journal of Allergy and Clinical Immunology, 2006, 117, 298-305.	1.5	30
88	T-Bet Polymorphisms Are Associated with Asthma and Airway Hyperresponsiveness. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 64-70.	2.5	78
89	An equivalence test for comparing DNA sequences. Pharmaceutical Statistics, 2005, 4, 203-214.	0.7	1
90	Paternal History of Asthma and Airway Responsiveness in Children with Asthma. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 552-558.	2.5	46

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91	ADAM33. American Journal of Respiratory Cell and Molecular Biology, 2004, 31, 1-2.	1.4	13
92	Association of Vitamin D Receptor Gene Polymorphisms with Childhood and Adult Asthma. American Journal of Respiratory and Critical Care Medicine, 2004, 170, 1057-1065.	2.5	232
93	ADAM33 polymorphisms and phenotype associations in childhood asthma. Journal of Allergy and Clinical Immunology, 2004, 113, 1071-1078.	1.5	115
94	Chromosome 12q harbors multiple genetic loci related to asthma and asthma-related phenotypes. Human Molecular Genetics, 2003, 12, 1973-1979.	1.4	52
95	Polymorphisms in Toll-Like Receptor 4 Are Not Associated with Asthma or Atopy-related Phenotypes. American Journal of Respiratory and Critical Care Medicine, 2002, 166, 1449-1456.	2.5	154