

James D Crapo

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

6,618
citations

94433

37
h-index

66911

78
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91
all docs

91
docs citations

91
times ranked

8230
citing authors

#	ARTICLE	IF	CITATIONS
1	Emphysema Progression at CT by Deep Learning Predicts Functional Impairment and Mortality: Results from the COPDGene Study. <i>Radiology</i> , 2022, 304, 672-679.	7.3	12
2	Progression of Emphysema and Small Airways Disease in Cigarette Smokers. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2021, 8, 198-212.	0.7	7
3	FOOTPRINTS study protocol: rationale and methodology of a 3-year longitudinal observational study to phenotype patients with COPD. <i>BMJ Open</i> , 2021, 11, e042526.	1.9	2
4	Emphysema Progression and Lung Function Decline Among Angiotensin Converting Enzyme Inhibitors and Angiotensin-Receptor Blockade Users in the COPDGene Cohort. <i>Chest</i> , 2021, 160, 1245-1254.	0.8	9
5	Cognitive performance is lower among individuals with overlap syndrome than in individuals with COPD or obstructive sleep apnea alone: association with carotid artery stiffness. <i>Journal of Applied Physiology</i> , 2021, 131, 131-141.	2.5	7
6	Diffuse Idiopathic Skeletal Hyperostosis in Smokers and Restrictive Spirometry Pattern: An Analysis of the COPDGene Cohort. <i>Journal of Rheumatology</i> , 2020, 47, 531-538.	2.0	6
7	Subtyping COPD by Using Visual and Quantitative CT Imaging Features. <i>Chest</i> , 2020, 157, 47-60.	0.8	60
8	Deep Learning Enables Automatic Classification of Emphysema Pattern at CT. <i>Radiology</i> , 2020, 294, 434-444.	7.3	89
9	Chronic obstructive pulmonary disease and related phenotypes: polygenic risk scores in population-based and case-control cohorts. <i>Lancet Respiratory Medicine</i> , 2020, 8, 696-708.	10.7	69
10	Daily Activities: The Impact of COPD and Cognitive Dysfunction. <i>Archives of Clinical Neuropsychology</i> , 2020, 36, acaa090 767 779-767.	0.5	7
11	Validation of a method to assess emphysema severity by spirometry in the COPDGene study. <i>Respiratory Research</i> , 2020, 21, 103.	3.6	4
12	Low FVC/TLC in Preserved Ratio Impaired Spirometry (PRISm) is associated with features of and progression to obstructive lung disease. <i>Scientific Reports</i> , 2020, 10, 5169.	3.3	24
13	Visual Emphysema at Chest CT in GOLD Stage 0 Cigarette Smokers Predicts Disease Progression: Results from the COPDGene Study. <i>Radiology</i> , 2020, 296, 641-649.	7.3	24
14	Pulmonary artery enlargement and mortality risk in moderate to severe COPD: results from COPDGene. <i>European Respiratory Journal</i> , 2020, 55, 1901812.	6.7	15
15	Development and Reporting of Prediction Models: Guidance for Authors From Editors of Respiratory, Sleep, and Critical Care Journals. <i>Critical Care Medicine</i> , 2020, 48, 623-633.	0.9	188
16	Five-year Progression of Emphysema and Air Trapping at CT in Smokers with and Those without Chronic Obstructive Pulmonary Disease: Results from the COPDGene Study. <i>Radiology</i> , 2020, 295, 218-226.	7.3	52
17	The Association of Multiparity with Lung Function and Chronic Obstructive Pulmonary Disease-Related Phenotypes. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2020, 7, 86-98.	0.7	7
18	Common and Rare Variants Genetic Association Analysis of Cigarettes per Day Among Ever-Smokers in Chronic Obstructive Pulmonary Disease Cases and Controls. <i>Nicotine and Tobacco Research</i> , 2019, 21, 714-722.	2.6	7

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19	Primary adrenal insufficiency in the United States: diagnostic error and patient satisfaction with treatment. <i>Diagnosis</i> , 2019, 6, 343-350.	1.9	6
20	Reduced Attention in Former Smokers with and without COPD. <i>International Journal of Behavioral Medicine</i> , 2019, 26, 600-607.	1.7	2
21	Genome-Wide Association Analysis of Single-Breath D _{CO} . <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 60, 523-531.	2.9	8
22	Turning subtypes into disease axes to improve prediction of COPD progression. <i>Thorax</i> , 2019, 74, 906-909.	5.6	3
23	Genetic Advances in Chronic Obstructive Pulmonary Disease. Insights from COPDGene. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 677-690.	5.6	66
24	Omics and the Search for Blood Biomarkers in Chronic Obstructive Pulmonary Disease. Insights from COPDGene. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 61, 143-149.	2.9	54
25	Genetic landscape of chronic obstructive pulmonary disease identifies heterogeneous cell-type and phenotype associations. <i>Nature Genetics</i> , 2019, 51, 494-505.	21.4	257
26	Control of Confounding and Reporting of Results in Causal Inference Studies. Guidance for Authors from Editors of Respiratory, Sleep, and Critical Care Journals. <i>Annals of the American Thoracic Society</i> , 2019, 16, 22-28.	3.2	458
27	GWAS and systems biology analysis of depressive symptoms among smokers from the COPDGene cohort. <i>Journal of Affective Disorders</i> , 2019, 243, 16-22.	4.1	11
28	Airway wall thickening on CT: Relation to smoking status and severity of COPD. <i>Respiratory Medicine</i> , 2019, 146, 36-41.	2.9	47
29	Integrative Genomics Analysis Identifies ACVR1B as a Candidate Causal Gene of Emphysema Distribution. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 60, 388-398.	2.9	15
30	Mortality and Exacerbations by Global Initiative for Chronic Obstructive Lung Disease Groups ABCD: 2011 Versus 2017 in the COPDGene® Cohort. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2019, 6, 64-73.	0.7	26
31	Subtypes of COPD Have Unique Distributions and Differential Risk of Mortality. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2019, 6, 400-413.	0.7	24
32	Pulmonary Subtypes Exhibit Differential Global Initiative for Chronic Obstructive Lung Disease Spirometry Stage Progression: The COPDGene® Study. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2019, 6, 100-107.	0.7	10
33	Introducing the New COPD Pocket Consultant Guide App: Can A Digital Approach Improve Care? A Statement of the COPD Foundation. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2019, 6, 210-220.	0.7	3
34	BMX-001, a novel redox-active metalloporphyrin, improves islet function and engraftment in a murine transplant model. <i>American Journal of Transplantation</i> , 2018, 18, 1879-1889.	4.7	15
35	Asthma Is a Risk Factor for Respiratory Exacerbations Without Increased Rate of Lung Function Decline. <i>Chest</i> , 2018, 153, 368-377.	0.8	14
36	Lobar Emphysema Distribution Is Associated With 5-Year Radiological Disease Progression. <i>Chest</i> , 2018, 153, 65-76.	0.8	36

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37	Subjective cognitive complaints and neuropsychological performance in former smokers with and without chronic obstructive pulmonary disease. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2018, 40, 411-422.	1.3	5
38	Association of low income with pulmonary disease progression in smokers with and without chronic obstructive pulmonary disease. <i>ERJ Open Research</i> , 2018, 4, 00069-2018.	2.6	11
39	Integration of Molecular Interactome and Targeted Interaction Analysis to Identify a COPD Disease Network Module. <i>Scientific Reports</i> , 2018, 8, 14439.	3.3	40
40	Genomics and response to long-term oxygen therapy in chronic obstructive pulmonary disease. <i>Journal of Molecular Medicine</i> , 2018, 96, 1375-1385.	3.9	17
41	CT-based Visual Classification of Emphysema: Association with Mortality in the COPDGene Study. <i>Radiology</i> , 2018, 288, 859-866.	7.3	138
42	Identification of Chronic Obstructive Pulmonary Disease Axes That Predict All-Cause Mortality. <i>American Journal of Epidemiology</i> , 2018, 187, 2109-2116.	3.4	25
43	Elevated circulating MMP-9 is linked to increased COPD exacerbation risk in SPIROMICS and COPDGene. <i>JCI Insight</i> , 2018, 3, .	5.0	46
44	Lung, Fat and Bone: Increased Adiponectin Associates with the Combination of Smoking-Related Lung Disease and Osteoporosis. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2018, 5, 134-143.	0.7	3
45	Long-Acting Beta-Agonist Use is Associated with Lower Carotid Artery Stiffness and Greater Carotid Artery Compliance in Individuals with Chronic Obstructive Pulmonary Disease. <i>FASEB Journal</i> , 2018, 32, 843.14.	0.5	0
46	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.	21.4	306
47	Variable Susceptibility to Cigarette Smoke-Induced Emphysema in 34 Inbred Strains of Mice Implicates <i>Abi3bp</i> in Emphysema Susceptibility. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 57, 367-375.	2.9	22
48	Do COPD subtypes really exist? COPD heterogeneity and clustering in 10 independent cohorts. <i>Thorax</i> , 2017, 72, 998-1006.	5.6	65
49	Inhibition of the Continuum of Radiation-Induced Normal Tissue Injury by a Redox-Active Mn Porphyrin. <i>Radiation Research</i> , 2017, 188, 94.	1.5	18
50	The Role of Chest Computed Tomography in the Evaluation and Management of the Patient with Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 1372-1379.	5.6	97
51	Sex-Based Genetic Association Study Identifies <i>CELSR1</i> as a Possible Chronic Obstructive Pulmonary Disease Risk Locus among Women. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 56, 332-341.	2.9	28
52	Visual Assessment of Chest Computed Tomographic Images Is Independently Useful for Genetic Association Analysis in Studies of Chronic Obstructive Pulmonary Disease. <i>Annals of the American Thoracic Society</i> , 2017, 14, 33-40.	3.2	15
53	Susceptibility to Childhood Pneumonia: A Genome-Wide Analysis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 56, 20-28.	2.9	24
54	Genome-Wide Association Study of the Genetic Determinants of Emphysema Distribution. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 757-771.	5.6	45

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55	The value of blood cytokines and chemokines in assessing COPD. <i>Respiratory Research</i> , 2017, 18, 180.	3.6	83
56	The 2017 Update to the COPD Foundation COPD Pocket Consultant Guide. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2017, 4, 177-185.	0.7	22
57	Clinical, physiologic, and radiographic factors contributing to development of hypoxemia in moderate to severe COPD: a cohort study. <i>BMC Pulmonary Medicine</i> , 2016, 16, 169.	2.0	21
58	A novel redox-active metalloporphyrin reduces reactive oxygen species and inflammatory markers but does not improve marginal mass engraftment in a murine donation after circulatory death islet transplantation model. <i>Islets</i> , 2016, 8, e1190058.	1.8	13
59	COPD subtypes identified by network-based clustering of blood gene expression. <i>Genomics</i> , 2016, 107, 51-58.	2.9	49
60	Desmoplakin Variants Are Associated with Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 193, 1151-1160.	5.6	68
61	Association between Functional Small Airway Disease and FEV ₁ Decline in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 178-184.	5.6	292
62	Common Genetic Polymorphisms Influence Blood Biomarker Measurements in COPD. <i>PLoS Genetics</i> , 2016, 12, e1006011.	3.5	88
63	Hemizygous Deletion on Chromosome 3p26.1 Is Associated with Heavy Smoking among African American Subjects in the COPD Gene Study. <i>PLoS ONE</i> , 2016, 11, e0164134.	2.5	4
64	A genome-wide association study identifies risk loci for spirometric measures among smokers of European and African ancestry. <i>BMC Genetics</i> , 2015, 16, 138.	2.7	119
65	CT-Definable Subtypes of Chronic Obstructive Pulmonary Disease: A Statement of the Fleischner Society. <i>Radiology</i> , 2015, 277, 192-205.	7.3	423
66	Childhood pneumonia increases risk for chronic obstructive pulmonary disease: the COPD Gene study. <i>Respiratory Research</i> , 2015, 16, 115.	3.6	59
67	The beneficial effects of exercise on cartilage are lost in mice with reduced levels of ECSOD in tissues. <i>Journal of Applied Physiology</i> , 2015, 118, 760-767.	2.5	14
68	Clinical and Radiologic Disease in Smokers With Normal Spirometry. <i>JAMA Internal Medicine</i> , 2015, 175, 1539.	5.1	360
69	Right ventricular diastolic function and exercise capacity in COPD. <i>Respiratory Medicine</i> , 2015, 109, 1287-1292.	2.9	21
70	A Genome-Wide Association Study of Emphysema and Airway Quantitative Imaging Phenotypes. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 559-569.	5.6	128
71	Genetic control of gene expression at novel and established chronic obstructive pulmonary disease loci. <i>Human Molecular Genetics</i> , 2015, 24, 1200-1210.	2.9	43
72	Risk Factors for Venous Thromboembolism in Chronic Obstructive Pulmonary Disease. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2014, 1, 239-249.	0.7	28

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73	The clinical and genetic features of COPD-asthma overlap syndrome. <i>European Respiratory Journal</i> , 2014, 44, 341-350.	6.7	249
74	The clinical impact of non-obstructive chronic bronchitis in current and former smokers. <i>Respiratory Medicine</i> , 2014, 108, 491-499.	2.9	65
75	Epidemiology, genetics, and subtyping of preserved ratio impaired spirometry (PRISm) in COPD. <i>Respiratory Research</i> , 2014, 15, 89.	3.6	196
76	Cardiovascular Disease is Associated with COPD Severity and Reduced Functional Status and Quality of Life. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2014, 11, 546-551.	1.6	24
77	Prediction of Acute Respiratory Disease in Current and Former Smokers With and Without COPD. <i>Chest</i> , 2014, 146, 941-950.	0.8	71
78	Susceptibility to Chronic Mucus Hypersecretion, a Genome Wide Association Study. <i>PLoS ONE</i> , 2014, 9, e91621.	2.5	25
79	Visual Assessment of CT Findings in Smokers With Nonobstructed Spirometric Abnormalities in the COPDGene [®] Study. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2014, 1, 88-96.	0.7	11
80	Comorbidities of COPD Have a Major Impact on Clinical Outcomes, Particularly in African Americans. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2014, 1, 105-114.	0.7	40
81	Paired inspiratory-expiratory chest CT scans to assess for small airways disease in COPD. <i>Respiratory Research</i> , 2013, 14, 42.	3.6	93
82	Distinct Quantitative Computed Tomography Emphysema Patterns Are Associated with Physiology and Function in Smokers. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 1083-1090.	5.6	118
83	A Combined Pulmonary-Radiology Workshop for Visual Evaluation of COPD: Study Design, Chest CT Findings and Concordance with Quantitative Evaluation. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2012, 9, 151-159.	1.6	143
84	Genetic Epidemiology of COPD (COPDGene) Study Design. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2011, 7, 32-43.	1.6	1,007
85	Family History Is a Risk Factor for COPD. <i>Chest</i> , 2011, 140, 343-350.	0.8	49
86	Preclinical vascular disease identifies smokers at risk for COPD. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 8503-8504.	7.1	3
87	Molecular overexpression of extracellular superoxide dismutase increases the dependency of learning and memory performance on motivational state. <i>Behavior Genetics</i> , 2000, 30, 95-100.	2.1	13
88	Molecular manipulations of extracellular superoxide dismutase: functional importance for learning. <i>Behavior Genetics</i> , 1998, 28, 381-390.	2.1	67
89	Nitric oxide inhalation transiently elevates pulmonary levels of cGMP, iNOS mRNA, and TNF- α . <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1998, 275, L509-L515.	2.9	5
90	Extracellular superoxide dismutase is upregulated with inducible nitric oxide synthase after NF- κ B activation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1997, 273, L1002-L1006.	2.9	35