

Samuel Y Ash

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,079
citations

516710

16
h-index

434195

31
g-index

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all docs

39
docs citations

39
times ranked

1570
citing authors

#	ARTICLE	IF	CITATIONS
1	Interstitial Lung Abnormalities, Emphysema, and Spirometry in Smokers. <i>Chest</i> , 2022, 161, 999-1010.	0.8	8
2	Mucus Plugs Persist in Asthma, and Changes in Mucus Plugs Associate with Changes in Airflow over Time. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 1036-1045.	5.6	39
3	Interstitial lung abnormalities are associated with decreased mean telomere length. <i>European Respiratory Journal</i> , 2022, 60, 2101814.	6.7	8
4	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
5	Deep Learning-based Classification of Fibrotic Lung Disease: Can Computer Vision See the Future?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 812-814.	5.6	1
6	Distinguishing Smoking-Related Lung Disease Phenotypes Via Imaging and Molecular Features. <i>Chest</i> , 2021, 159, 549-563.	0.8	6
7	Relationship between Emphysema Progression at CT and Mortality in Ever-Smokers: Results from the COPDGene and ECLIPSE Cohorts. <i>Radiology</i> , 2021, 299, 222-231.	7.3	27
8	Quantification of Arterial and Venous Morphologic Markers in Pulmonary Arterial Hypertension Using CT Imaging. <i>Chest</i> , 2021, 160, 2220-2231.	0.8	13
9	Loss of Pulmonary Vascular Volume as a Predictor of Right Ventricular Dysfunction and Mortality in Acute Pulmonary Embolism. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e012347.	2.6	9
10	Estimated Ventricular Size, Asthma Severity, and Exacerbations. <i>Chest</i> , 2020, 157, 258-267.	0.8	4
11	Adult Life-Course Trajectories of Lung Function and the Development of Emphysema: The CARDIA Lung Study. <i>American Journal of Medicine</i> , 2020, 133, 222-230.e11.	1.5	27
12	Smaller Left Ventricle Size at Noncontrast CT Is Associated with Lower Mortality in COPDGene Participants. <i>Radiology</i> , 2020, 296, 208-215.	7.3	6
13	Classification of Interstitial Lung Abnormality Patterns with an Ensemble of Deep Convolutional Neural Networks. <i>Scientific Reports</i> , 2020, 10, 338.	3.3	61
14	Chest Imaging for Precision Medicine. <i>Respiratory Medicine</i> , 2020, , 107-115.	0.1	0
15	Pulmonary vascular density: comparison of findings on computed tomography imaging with histology. <i>European Respiratory Journal</i> , 2019, 54, 1900370.	6.7	47
16	Semi-quantitative visual assessment of chest radiography is associated with clinical outcomes in critically ill patients. <i>Respiratory Research</i> , 2019, 20, 218.	3.6	12
17	Arterial Vascular Pruning, Right Ventricular Size, and Clinical Outcomes in Chronic Obstructive Pulmonary Disease. A Longitudinal Observational Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 454-461.	5.6	73
18	Objectively Measured Chronic Lung Injury on Chest CT. <i>Chest</i> , 2019, 156, 1149-1159.	0.8	9

#	ARTICLE	IF	CITATIONS
19	DISTAL PARENCHYMAL VASCULAR VOLUME LOSS IN CLINICAL CT IMAGING AS A PREDICTOR OF LONG-TERM OXYGEN REQUIREMENT AFTER SUBMASSIVE PULMONARY EMBOLISM. <i>Chest</i> , 2019, 156, A16-A17.	0.8	0
20	Quantification and Significance of Pulmonary Vascular Volume in Predicting Response to Ultrasound-Facilitated, Catheter-Directed Fibrinolysis in Acute Pulmonary Embolism (SEATTLE-3D). <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e009903.	2.6	13
21	Quantification of the Pulmonary Vascular Response to Inhaled Nitric Oxide Using Noncontrast Computed Tomography Imaging. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e008338.	2.6	11
22	Pruning of the Pulmonary Vasculature in Asthma. The Severe Asthma Research Program (SARP) Cohort. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 39-50.	5.6	51
23	Reply to Mummadi <i>et al.</i> : Overfitting and Use of Mismatched Cohorts in Deep Learning Models: Preventable Design Limitations. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 545-545.	5.6	3
24	Association between acute respiratory disease events and the <i>MUC5B</i> promoter polymorphism in smokers. <i>Thorax</i> , 2018, 73, 1071-1074.	5.6	13
25	Respiratory Symptoms in Young Adults and Future Lung Disease. The CARDIA Lung Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 1616-1624.	5.6	62
26	Imaging approaches to understand disease complexity: chronic obstructive pulmonary disease as a clinical model. <i>Journal of Applied Physiology</i> , 2018, 124, 512-520.	2.5	7
27	Disease Staging and Prognosis in Smokers Using Deep Learning in Chest Computed Tomography. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 193-203.	5.6	189
28	Interstitial Features at Chest CT Enhance the Deleterious Effects of Emphysema in the COPD Gene Cohort. <i>Radiology</i> , 2018, 288, 600-609.	7.3	37
29	Interstitial lung abnormalities: risk and opportunity. <i>Lancet Respiratory Medicine</i> , 2017, 5, 95-96.	10.7	10
30	Quantitative computed tomography assessment of bronchiolitis obliterans syndrome after lung transplantation. <i>Clinical Transplantation</i> , 2017, 31, e12943.	1.6	10
31	Clinical and Genetic Associations of Objectively Identified Interstitial Changes in Smokers. <i>Chest</i> , 2017, 152, 780-791.	0.8	37
32	Densitometric and local histogram based analysis of computed tomography images in patients with idiopathic pulmonary fibrosis. <i>Respiratory Research</i> , 2017, 18, 45.	3.6	70
33	The Objective Identification and Quantification of Interstitial Lung Abnormalities in Smokers. <i>Academic Radiology</i> , 2017, 24, 941-946.	2.5	37
34	The role of imaging in the assessment of severe asthma. <i>Current Opinion in Pulmonary Medicine</i> , 2017, 23, 97-102.	2.6	21
35	Pulmonary Clinicopathological Correlation after Allogeneic Hematopoietic Stem Cell Transplantation: An Autopsy Series. <i>Biology of Blood and Marrow Transplantation</i> , 2017, 23, 1767-1772.	2.0	23
36	Insulin resistance modifies the association between obesity and current asthma in adults. <i>European Respiratory Journal</i> , 2016, 48, 403-410.	6.7	92

#	ARTICLE	IF	CITATIONS
37	uPARAP Function in Cutaneous Wound Repair. PLoS ONE, 2014, 9, e92660.	2.5	16
38	Comparison of Endoscopic and Clinical Characteristics of Patients with Familial and Sporadic Barrett's Esophagus. Digestive Diseases and Sciences, 2011, 56, 1702-1706.	2.3	13
39	The value of CT scanning. , 0, , 121-133.		2