Joseph Jacob

List of Publications by Year
in descending order

74 papers	4,135 citations	172457 29 h-index	128289 60 g-index
82 all docs	82 docs citations	82 times ranked	5006 citing authors

#	Article	IF	Citations
1	Vascular Thrombosis in Severe COVID-19 Requiring Extracorporeal Membrane Oxygenation: A Multicenter Study. Critical Care Medicine, 2022, 50, 624-632.	0.9	9
2	Serial decline in lung volume parameters on computed tomography (CT) predicts outcome in idiopathic pulmonary fibrosis (IPF). European Radiology, 2022, 32, 2650-2660.	4.5	7
3	Temporal progression of mediastinal lymphadenopathy in idiopathic pulmonary fibrosis. European Respiratory Journal, 2022, 59, 2200024.	6.7	1
4	Deep Learning-Based Long Term Mortality Prediction in the National Lung Screening Trial. IEEE Access, 2022, 10, 34369-34378.	4.2	4
5	Quantitative Analysis of Radiation-Associated Parenchymal Lung Change. Cancers, 2022, 14, 946.	3.7	3
6	Automated quantification system predicts survival in rheumatoid arthritis-associated interstitial lung disease. Rheumatology, 2022, 61, 4702-4710.	1.9	11
7	Radiology of Bronchiectasis. Clinics in Chest Medicine, 2022, 43, 47-60.	2.1	3
8	A Novel and Automated Approach to Classify Radiation Induced Lung Tissue Damage on CT Scans. Cancers, 2022, 14, 1341.	3.7	2
9	Joint patient and clinician priority setting to identify 10 key research questions regarding the long-term sequelae of COVID-19. Thorax, 2022, 77, 717-720.	5.6	16
10	The clinical impact of observer variability in lung nodule classification in children with Wilms tumour. Pediatric Blood and Cancer, 2022, 69, .	1.5	2
11	A multiscale X-ray phase-contrast tomography dataset of a whole human left lung. Scientific Data, 2022, 9, .	5.3	5
12	â€˜Long-COVIDâ€™: a cross-sectional study of persisting symptoms, biomarker and imaging abnormalities following hospitalisation for COVID-19. Thorax, 2021, 76, 396-398.	5.6	636
13	Remote Assessment of Lung Disease and Impact on Physical and Mental Health (RALPMH): Protocol for a Prospective Observational Study. JMIR Research Protocols, 2021, 10, e28873.	1.0	10
14	Mortality in combined pulmonary fibrosis and emphysema patients is determined by the sum of pulmonary fibrosis and emphysema. ERJ Open Research, 2021, 7, 00316-2021.	2.6	6
15	Pleuroparenchymal fibroelastosis in idiopathic pulmonary fibrosis: Survival analysis using visual and computer-based computed tomography assessment. EClinicalMedicine, 2021, 38, 101009.	7.1	6
16	ROSE: radiology, obstruction, symptoms and exposure â€“ a Delphi consensus definition of the association of COPD and bronchiectasis by the EMBARC Airways Working Group. ERJ Open Research, 2021, 7, 00399-2021.	2.6	19
17	Understanding the burden of interstitial lung disease post-COVID-19: the UK Interstitial Lung Disease-Long COVID Study (UKILD-Long COVID). BMJ Open Respiratory Research, 2021, 8, e001049.	3.0	28
18	Physical, cognitive, and mental health impacts of COVID-19 after hospitalisation (PHOSP-COVID): a UK multicentre, prospective cohort study. Lancet Respiratory Medicine,the, 2021, 9, 1275-1287.	10.7	394

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19	An overview of the National COVID-19 Chest Imaging Database: data quality and cohort analysis. GigaScience, 2021, 10, .	6.4	6
20	Granulomatousâ€“lymphocytic interstitial lung disease: an international research prioritisation. ERJ Open Research, 2021, 7, 00467-2021.	2.6	6
21	Towards nationally curated data archives for clinical radiology image analysis at scale: Learnings from national data collection in response to a pandemic. Digital Health, 2021, 7, 205520762110486.	1.8	7
22	Right Ventricular to Left Ventricular Ratio atÂCT Pulmonary Angiogram Predicts Mortality in Interstitial Lung Disease. Chest, 2020, 157, 89-98.	0.8	30
23	Managing Granulomatousâ€“Lymphocytic Interstitial Lung Disease in Common Variable Immunodeficiency Disorders: e-GLILDnet International Clinicians Survey. Frontiers in Immunology, 2020, 11, 606333.	4.8	10
24	Thoracic Imaging at Exacerbation of Chronic Obstructive Pulmonary Disease: A Systematic Review . International Journal of COPD, 2020, Volume 15, 1751-1787.	2.3	5
25	Serial CT analysis in idiopathic pulmonary fibrosis: comparison of visual features that determine patient outcome. Thorax, 2020, 75, 648-654.	5.6	26
26	The challenges of deploying artificial intelligence models in a rapidly evolving pandemic. Nature Machine Intelligence, 2020, 2, 298-300.	16.0	45
27	Prognostic role of blood KL-6 in rheumatoid arthritisâ€“associated interstitial lung disease. PLoS ONE, 2020, 15, e0229997.	2.5	49
28	Using imaging to combat a pandemic: rationale for developing the UK National COVID-19 Chest Imaging Database. European Respiratory Journal, 2020, 56, 2001809.	6.7	24
29	Investigation of the evolution of radiation-induced lung damage using serial CT imaging and pulmonary function tests. Radiotherapy and Oncology, 2020, 148, 89-96.	0.6	8
30	Patient outcomes associated with post-tuberculosis lung damage in Malawi: a prospective cohort study. Thorax, 2020, 75, 269-278.	5.6	120
31	Pleuroparenchymal fibroelastosis in systemic sclerosis: prevalence and prognostic impact. European Respiratory Journal, 2020, 56, 1902135.	6.7	34
32	Risk prediction model in rheumatoid arthritisâ€“associated interstitial lung disease. Respirology, 2020, 25, 1257-1264.	2.3	24
33	Computed Tomographic Biomarkers in Idiopathic Pulmonary Fibrosis. The Future of Quantitative Analysis. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 12-21.	5.6	102
34	Longitudinal prediction of outcome in idiopathic pulmonary fibrosis using automated CT analysis. European Respiratory Journal, 2019, 54, 1802341.	6.7	22
35	Differential diagnoses of fibrosing lung diseases. BJR|Open, 2019, 1, 20190009.	0.6	6
36	Strain elastography for noninvasive assessment of liver fibrosis: A prospective study with histological comparison. Ultrasound, 2019, 27, 262-271.	0.7	4

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37	Visual and Automated CT Measurements of Lung Volume Loss in Idiopathic Pulmonary Fibrosis. American Journal of Roentgenology, 2019, 213, 318-324.	2.2	35
38	Quantitative CTâ€derived vessel metrics in idiopathic pulmonary fibrosis: A structureâ€“function study. Respirology, 2019, 24, 445-452.	2.3	17
39	Evaluation of inter-observer variation for computed tomography identification of childhood interstitial lung disease. ERJ Open Research, 2019, 5, 00100-2019.	2.6	3
40	Visual vs. computer-based computed tomography analysis for the identification of functional patterns in interstitial lung diseases. Current Opinion in Pulmonary Medicine, 2019, 25, 426-433.	2.6	5
41	Predicting outcomes in rheumatoid arthritis related interstitial lung disease. European Respiratory Journal, 2019, 53, 1800869.	6.7	121
42	Quantitative CT analysis in ILD and the use of artificial intelligence on imaging of ILD. , 2019, , 27-43.		1
43	Reproducibility of an airway tapering measurement in computed tomography with application to bronchiectasis. Journal of Medical Imaging, 2019, 6, 1.	1.5	1
44	Predicting Outcomes in Idiopathic Pulmonary Fibrosis Using Automated Computed Tomographic Analysis. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 767-776.	5.6	140
45	Prevalence and Effects of Emphysema in Never-Smokers with Rheumatoid Arthritis Interstitial Lung Disease. EBioMedicine, 2018, 28, 303-310.	6.1	51
46	Pulmonary hypertension in interstitial lung disease: Limitations of echocardiography compared to cardiac catheterization. Respirology, 2018, 23, 687-694.	2.3	39
47	Functional associations of pleuroparenchymal fibroelastosis and emphysema with hypersensitivity pneumonitis. Respiratory Medicine, 2018, 138, 95-101.	2.9	52
48	Serial automated quantitative CT analysis in idiopathic pulmonary fibrosis: functional correlations and comparison with changes in visual CT scores. European Radiology, 2018, 28, 1318-1327.	4.5	61
49	Whole-Blood Gene Expression in Pulmonary Nontuberculous Mycobacterial Infection. American Journal of Respiratory Cell and Molecular Biology, 2018, 58, 510-518.	2.9	31
50	Likelihood of pulmonary hypertension in patients with idiopathic pulmonary fibrosis and emphysema. Respirology, 2018, 23, 593-599.	2.3	29
51	Latent class analysis to define radiological subgroups in pulmonary nontuberculous mycobacterial disease. BMC Pulmonary Medicine, 2018, 18, 145.	2.0	13
52	A stepwise composite echocardiographic score predicts severe pulmonary hypertension in patients with interstitial lung disease. ERJ Open Research, 2018, 4, 00124-2017.	2.6	16
53	The Clinical Significance of Body Weight Loss in Idiopathic Pulmonary Fibrosis Patients. Respiration, 2018, 96, 338-347.	2.6	69
54	Tapering analysis of airways with bronchiectasis. , 2018, , .		4

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55	Automated computer-based CT stratification as a predictor of outcome in hypersensitivity pneumonitis. European Radiology, 2017, 27, 3635-3646.	4.5	35
56	Impact of pulmonary vascular volume on mortality in IPF: is it time to reconsider the role of vasculature in disease pathogenesis and progression?. European Respiratory Journal, 2017, 49, 1602524.	6.7	6
57	Diffuse Pulmonary Ossification in Fibrosing Interstitial Lung Diseases: Prevalence and Associations. Radiology, 2017, 284, 255-263.	7.3	65
58	Chronic hypersensitivity pneumonitis: identification of key prognostic determinants using automated CT analysis. BMC Pulmonary Medicine, 2017, 17, 81.	2.0	52
59	British Lung Foundation/United Kingdom Primary Immunodeficiency Network Consensus Statement on the Definition, Diagnosis, and Management of Granulomatous-Lymphocytic Interstitial Lung Disease in Common Variable Immunodeficiency Disorders. Journal of Allergy and Clinical Immunology: in Practice, 2017, 5, 938-945.	3.8	138
60	Mortality prediction in idiopathic pulmonary fibrosis: evaluation of computer-based CT analysis with conventional severity measures. European Respiratory Journal, 2017, 49, 1601011.	6.7	211
61	Multi-level Multi-task Structured Sparse Learning for Diagnosis of Schizophrenia Disease. Lecture Notes in Computer Science, 2017, 10435, 46-54.	1.3	1
62	Predicting time to decline in FVC using baseline visual and computer-based CT analysis and baseline functional indices. Clinical Radiology, 2017, 72, S24.	1.1	1
63	Evaluation of visual and computer-based CT analysis for the identification of functional patterns of obstruction and restriction in hypersensitivity pneumonitis. Respirology, 2017, 22, 1585-1591.	2.3	25
64	Unclassifiable-interstitial lung disease: Outcome prediction using CT and functional indices. Respiratory Medicine, 2017, 130, 43-51.	2.9	44
65	Functional and prognostic effects when emphysema complicates idiopathic pulmonary fibrosis. European Respiratory Journal, 2017, 50, 1700379.	6.7	71
66	Fibrotic Hypersensitivity Pneumonitis: Key Issues in Diagnosis and Management. Journal of Clinical Medicine, 2017, 6, 62.	2.4	40
67	Evaluation of computer-based computer tomography stratification against outcome models in connective tissue disease-related interstitial lung disease: a patient outcome study. BMC Medicine, 2016, 14, 190.	5.5	69
68	Multicentre evaluation of multidisciplinary team meeting agreement on diagnosis in diffuse parenchymal lung disease: a case-cohort study. Lancet Respiratory Medicine,the, 2016, 4, 557-565.	10.7	337
69	Automated Quantitative Computed Tomography Versus Visual Computed Tomography Scoring in Idiopathic Pulmonary Fibrosis. Journal of Thoracic Imaging, 2016, 31, 304-311.	1.5	158
70	Monitoring of Lung Involvement in Rheumatologic Disease. Respiration, 2016, 91, 89-98.	2.6	18
71	<scp>HRCT</scp> of fibrosing lung disease. Respirology, 2015, 20, 859-872.	2.3	54
72	Repeated nebulisation of non-viral CFTR gene therapy in patients with cystic fibrosis: a randomised, double-blind, placebo-controlled, phase 2b trial. Lancet Respiratory Medicine,the, 2015, 3, 684-691.	10.7	344

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73	Smoking and interstitial lung diseases. European Respiratory Review, 2015, 24, 428-435.	7.1	56
74	Superficial ulnar artery. European Journal of Cardio-thoracic Surgery, 2005, 28, 494-494.	1.4	2