

Rachel L Eddy

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

296
citations

11
h-index

16
g-index

32
ext. papers

479
ext. citations

6.7
avg, IF

3.73
L-index

#	Paper	IF	Citations
24	Pulmonary functional MRI: Detecting the structure-function pathologies that drive asthma symptoms and quality of life.. <i>Respirology</i> , 2022 , 27, 114-133	3.6	1
23	CT Pulmonary Vessels and MRI Ventilation in Chronic Obstructive Pulmonary Disease: Relationship with worsening FEV in the TINCan cohort study. <i>Academic Radiology</i> , 2021 , 28, 495-506	4.3	1
22	Reproducibility of Hyperpolarized Xe MRI Ventilation Defect Percent in Severe Asthma to Evaluate Clinical Trial Feasibility. <i>Academic Radiology</i> , 2021 , 28, 817-826	4.3	6
21	Regional Airway Heterogeneity in Asthma: Histopathology, MRI, and CT Imaging. <i>Chest</i> , 2021 , 159, 876-883	3.7	0
20	Protocols for multi-site trials using hyperpolarized Xe MRI for imaging of ventilation, alveolar-airspace size, and gas exchange: A position paper from the Xe MRI clinical trials consortium. <i>Magnetic Resonance in Medicine</i> , 2021 , 86, 2966-2986	4.4	5
19	Effects of Anti-T2 Biologic Treatment on Lung Ventilation Evaluated by MRI in Adults With Prednisone-Dependent Asthma. <i>Chest</i> , 2020 , 158, 1350-1360	5.3	7
18	Pulmonary Imaging Phenotypes of Chronic Obstructive Pulmonary Disease Using Multiparametric Response Maps. <i>Radiology</i> , 2020 , 295, 227-236	20.5	11
17	FEV and MRI ventilation defect reversibility in asthma and COPD. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	4
16	Is Computed Tomography Airway Count Related to Asthma Severity and Airway Structure and Function?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 923-933	10.2	18
15	Pulmonary Functional MRI and CT in a Survivor of Bronchiolitis and Respiratory Failure Caused by e-Cigarette Use. <i>Chest</i> , 2020 , 158, e147-e151	5.3	2
14	CT and Functional MRI to Evaluate Airway Mucus in Severe Asthma. <i>Chest</i> , 2019 , 155, 1178-1189	5.3	39
13	Hyperpolarized Helium 3 MRI in Mild-to-Moderate Asthma: Prediction of Postbronchodilator Reversibility. <i>Radiology</i> , 2019 , 293, 212-220	20.5	13
12	Normalisation of MRI ventilation heterogeneity in severe asthma by dupilumab. <i>Thorax</i> , 2019 , 74, 1087-1088	10.8	7
11	Nonidentical Twins With Asthma: Spatially Matched CT Airway and MRI Ventilation Abnormalities. <i>Chest</i> , 2019 , 156, e111-e116	5.3	5
10	Oscillometry and pulmonary magnetic resonance imaging in asthma and COPD. <i>Physiological Reports</i> , 2019 , 7, e13955	2.6	17
9	MRI and CT lung biomarkers: Towards an in vivo understanding of lung biomechanics. <i>Clinical Biomechanics</i> , 2019 , 66, 107-122	2.2	5
8	Free-breathing Pulmonary MR Imaging to Quantify Regional Ventilation. <i>Radiology</i> , 2018 , 287, 693-704	20.5	18

7	Sputum Eosinophilia and Magnetic Resonance Imaging Ventilation Heterogeneity in Severe Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 197, 876-884	10.2	43
6	What is the minimal clinically important difference for helium-3 magnetic resonance imaging ventilation defects?. <i>European Respiratory Journal</i> , 2018 , 51,	13.6	16
5	Oscillometry and pulmonary MRI measurements of ventilation heterogeneity in obstructive lung disease: relationship to quality of life and disease control. <i>Journal of Applied Physiology</i> , 2018 , 125, 73-85	3.7	24
4	MRI ventilation abnormalities predict quality-of-life and lung function changes in mild-to-moderate COPD: longitudinal TINCan study. <i>Thorax</i> , 2017 , 72, 475-477	7.3	9
3	Ultrashort echo time MRI biomarkers of asthma. <i>Journal of Magnetic Resonance Imaging</i> , 2017 , 45, 1204-1215	3.15	17
2	Free-breathing Functional Pulmonary MRI: Response to Bronchodilator and Bronchoprovocation in Severe Asthma. <i>Academic Radiology</i> , 2017 , 24, 1268-1276	4.3	14
1	Regional Heterogeneity of Chronic Obstructive Pulmonary Disease Phenotypes: Pulmonary (3)He Magnetic Resonance Imaging and Computed Tomography. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2016 , 13, 601-9	2	10