

# Rachel L Eddy

## List of Publications by Citations

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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	Sputum Eosinophilia and Magnetic Resonance Imaging Ventilation Heterogeneity in Severe Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 197, 876-884	10.2	43
23	CT and Functional MRI to Evaluate Airway Mucus in Severe Asthma. <i>Chest</i> , <b>2019</b> , 155, 1178-1189	5.3	39
22	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> , <b>2018</b> , 125, 73-83	3.7	24
21	Free-breathing Pulmonary MR Imaging to Quantify Regional Ventilation. <i>Radiology</i> , <b>2018</b> , 287, 693-704	20.5	18
20	Is Computed Tomography Airway Count Related to Asthma Severity and Airway Structure and Function?. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 201, 923-933	10.2	18
19	Ultrashort echo time MRI biomarkers of asthma. <i>Journal of Magnetic Resonance Imaging</i> , <b>2017</b> , 45, 1204-1215	11.5	17
18	Oscillometry and pulmonary magnetic resonance imaging in asthma and COPD. <i>Physiological Reports</i> , <b>2019</b> , 7, e13955	2.6	17
17	What is the minimal clinically important difference for helium-3 magnetic resonance imaging ventilation defects?. <i>European Respiratory Journal</i> , <b>2018</b> , 51,	13.6	16
16	Free-breathing Functional Pulmonary MRI: Response to Bronchodilator and Bronchoprovocation in Severe Asthma. <i>Academic Radiology</i> , <b>2017</b> , 24, 1268-1276	4.3	14
15	Hyperpolarized Helium 3 MRI in Mild-to-Moderate Asthma: Prediction of Postbronchodilator Reversibility. <i>Radiology</i> , <b>2019</b> , 293, 212-220	20.5	13
14	Pulmonary Imaging Phenotypes of Chronic Obstructive Pulmonary Disease Using Multiparametric Response Maps. <i>Radiology</i> , <b>2020</b> , 295, 227-236	20.5	11
13	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> , <b>2016</b> , 13, 601-9	2	10
12	MRI ventilation abnormalities predict quality-of-life and lung function changes in mild-to-moderate COPD: longitudinal TINCan study. <i>Thorax</i> , <b>2017</b> , 72, 475-477	7.3	9
11	Effects of Anti-T2 Biologic Treatment on Lung Ventilation Evaluated by MRI in Adults With Prednisone-Dependent Asthma. <i>Chest</i> , <b>2020</b> , 158, 1350-1360	5.3	7
10	Normalisation of MRI ventilation heterogeneity in severe asthma by dupilumab. <i>Thorax</i> , <b>2019</b> , 74, 1087-1088	10.8	7
9	Reproducibility of Hyperpolarized Xe MRI Ventilation Defect Percent in Severe Asthma to Evaluate Clinical Trial Feasibility. <i>Academic Radiology</i> , <b>2021</b> , 28, 817-826	4.3	6
8	Nonidentical Twins With Asthma: Spatially Matched CT Airway and MRI Ventilation Abnormalities. <i>Chest</i> , <b>2019</b> , 156, e111-e116	5.3	5

7	MRI and CT lung biomarkers: Towards an in vivo understanding of lung biomechanics. <i>Clinical Biomechanics</i> , <b>2019</b> , 66, 107-122	2.2	5
6	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> , <b>2021</b> , 86, 2966-2986	4.4	5
5	FEV and MRI ventilation defect reversibility in asthma and COPD. <i>European Respiratory Journal</i> , <b>2020</b> , 55,	13.6	4
4	Pulmonary Functional MRI and CT in a Survivor of Bronchiolitis and Respiratory Failure Caused by e-Cigarette Use. <i>Chest</i> , <b>2020</b> , 158, e147-e151	5.3	2
3	Pulmonary functional MRI: Detecting the structure-function pathologies that drive asthma symptoms and quality of life.. <i>Respirology</i> , <b>2022</b> , 27, 114-133	3.6	1
2	CT Pulmonary Vessels and MRI Ventilation in Chronic Obstructive Pulmonary Disease: Relationship with worsening FEV in the TINCan cohort study. <i>Academic Radiology</i> , <b>2021</b> , 28, 495-506	4.3	1
1	Regional Airway Heterogeneity in Asthma: Histopathology, MRI, and CT Imaging. <i>Chest</i> , <b>2021</b> , 159, 876-883	3.7	0