

# Andrew D Hahn

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

520  
citations

932766

10  
h-index

996533

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

525  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neonatal Pulmonary Magnetic Resonance Imaging of Bronchopulmonary Dysplasia Predicts Short-Term Clinical Outcomes. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1302-1311.	2.5	93
2	Retrospective respiratory self-gating and removal of bulk motion in pulmonary UTE MRI of neonates and adults. Magnetic Resonance in Medicine, 2017, 77, 1284-1295.	1.9	87
3	Pulmonary MRI of neonates in the intensive care unit using 3D ultrashort echo time and a small footprint MRI system. Journal of Magnetic Resonance Imaging, 2017, 45, 463-471.	1.9	68
4	Quantification of neonatal lung parenchymal density via ultrashort echo time MRI with comparison to CT. Journal of Magnetic Resonance Imaging, 2017, 46, 992-1000.	1.9	61
5	Pulmonary ventilation imaging in asthma and cystic fibrosis using oxygen-enhanced 3D radial ultrashort echo time MRI. Journal of Magnetic Resonance Imaging, 2018, 47, 1287-1297.	1.9	45
6	Structure-Function Imaging of Lung Disease Using Ultrashort Echo Time MRI. Academic Radiology, 2019, 26, 431-441.	1.3	37
7	Quantitative Assessment of Regional Dynamic Airway Collapse in Neonates via Retrospectively Respiratory-gated <sup>1</sup> H Ultrashort Echo Time MRI. Journal of Magnetic Resonance Imaging, 2019, 49, 659-667.	1.9	37
8	Repeatability of regional pulmonary functional metrics of Hyperpolarized <sup>129</sup> Xe dissolved-phase MRI. Journal of Magnetic Resonance Imaging, 2019, 50, 1182-1190.	1.9	24
9	Redistribution of inhaled hyperpolarized <sup>3</sup> He gas during breath-hold differs by asthma severity. Journal of Applied Physiology, 2016, 120, 526-536.	1.2	19
10	Removal of hyperpolarized <sup>129</sup> Xe gas-phase contamination in spectroscopic imaging of the lungs. Magnetic Resonance in Medicine, 2018, 80, 2586-2597.	1.9	15
11	Transverse relaxation rates of pulmonary dissolved-phase Hyperpolarized <sup>129</sup> Xe as a biomarker of lung injury in idiopathic pulmonary fibrosis. Magnetic Resonance in Medicine, 2020, 84, 1857-1867.	1.9	9
12	Dynamic contrast enhanced MRI for the evaluation of lung perfusion in idiopathic pulmonary fibrosis. European Respiratory Journal, 2022, 60, 2102058.	3.1	9
13	Characterization of and tissue density in the human lung: Application to neonatal imaging in the intensive care unit. Magnetic Resonance in Medicine, 2020, 84, 920-927.	1.9	6
14	Neonates With Tracheomalacia Generate Auto-Positive End-Expiratory Pressure via Glottis Closure. Chest, 2021, 160, 2168-2177.	0.4	5
15	Alveolar Airspace Size in Healthy and Diseased Infant Lungs Measured via Hyperpolarized <sup>3</sup> He Gas Diffusion Magnetic Resonance Imaging. Neonatology, 2020, 117, 704-712.	0.9	4
16	Effects of neonatal lung abnormalities on parenchymal R <sup>2</sup> * estimates. Journal of Magnetic Resonance Imaging, 2021, 53, 1853-1861.	1.9	1