

# Ho-Fung Chan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4972554/publications.pdf>

Version: 2024-02-01

20  
papers

532  
citations

759233

12  
h-index

839539

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

568  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lung MRI with hyperpolarised gases: current & future clinical perspectives. British Journal of Radiology, 2022, 95, 20210207.	2.2	26
2	In vivo methods and applications of xenon-129 magnetic resonance. Progress in Nuclear Magnetic Resonance Spectroscopy, 2021, 122, 42-62.	7.5	30
3	MR properties of $^{19}\text{F}$ $^{3}\text{F}$ $^{8}\text{F}$ gas in the lungs of healthy volunteers: and apparent diffusion coefficient at 1.5T and at 3T. Magnetic Resonance in Medicine, 2021, 85, 1561-1570.	3.0	4
4	Finite element simulations of hyperpolarized gas DWI in micro-CT meshes of acinar airways: validating the cylinder and stretched exponential models of lung microstructural length scales. Magnetic Resonance in Medicine, 2021, 86, 514-525.	3.0	10
5	Airspace Dimension Assessment (AiDA) by inhaled nanoparticles: benchmarking with hyperpolarised $^{129}\text{Xe}$ diffusion-weighted lung MRI. Scientific Reports, 2021, 11, 4721.	3.3	9
6	An asymmetrical whole-body birdcage RF coil without RF shield for hyperpolarized $^{129}\text{Xe}$ lung MR imaging at 1.5 T. Magnetic Resonance in Medicine, 2021, 86, 3373-3381.	3.0	3
7	Protocols for multi-site trials using hyperpolarized $^{129}\text{Xe}$ MRI for imaging of ventilation, alveolar-airspace size, and gas exchange: A position paper from the $^{129}\text{Xe}$ MRI clinical trials consortium. Magnetic Resonance in Medicine, 2021, 86, 2966-2986.	3.0	35
8	Single breath-held acquisition of coregistered 3D $^{129}\text{Xe}$ lung ventilation and anatomical proton images of the human lung with compressed sensing. Magnetic Resonance in Medicine, 2019, 82, 342-347.	3.0	14
9	Airway Microstructure in Idiopathic Pulmonary Fibrosis: Assessment at Hyperpolarized $^{3}\text{He}$ Diffusion-weighted MRI. Radiology, 2019, 291, 223-229.	7.3	26
10	Comparison of in vivo lung morphometry models from 3D multiple breath-value $^{3}\text{He}$ and $^{129}\text{Xe}$ diffusion-weighted MRI. Magnetic Resonance in Medicine, 2019, 81, 2959-2971.	3.0	20
11	Hyperpolarised xenon magnetic resonance spectroscopy for the longitudinal assessment of changes in gas diffusion in IPF. Thorax, 2019, 74, 500-502.	5.6	53
12	Assessment of the influence of lung inflation state on the quantitative parameters derived from hyperpolarized gas lung ventilation MRI in healthy volunteers. Journal of Applied Physiology, 2019, 126, 183-192.	2.5	30
13	Imaging Collateral Ventilation in Patients With Advanced Chronic Obstructive Pulmonary Disease: Relative Sensitivity of $^{3}\text{He}$ and $^{129}\text{Xe}$ MRI. Journal of Magnetic Resonance Imaging, 2019, 49, 1195-1197.	3.4	5
14	Comparison of $^{3}\text{He}$ and $^{129}\text{Xe}$ MRI for evaluation of lung microstructure and ventilation at 1.5T. Journal of Magnetic Resonance Imaging, 2018, 48, 632-642.	3.4	61
15	3D diffusion-weighted $^{129}\text{Xe}$ MRI for whole lung morphometry. Magnetic Resonance in Medicine, 2018, 79, 2986-2995.	3.0	38
16	Spatial Comparison of CT-Based Surrogates of Lung Ventilation With Hyperpolarized Helium-3 and Xenon-129 Gas MRI in Patients Undergoing Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2018, 102, 1276-1286.	0.8	28
17	Hyperpolarised Helium-3 ( $^3\text{He}$ ) MRI: Physical Methods for Imaging Human Lung Function. Medical Radiology, 2017, , 69-97.	0.1	0
18	Whole lung morphometry with 3D multiple breath-value hyperpolarized gas MRI and compressed sensing. Magnetic Resonance in Medicine, 2017, 77, 1916-1925.	3.0	37

#	ARTICLE	IF	CITATIONS
19	Supine to upright lung mechanics: Do changes in lung shape influence lung tissue deformation?. , 2014, 2014, 832-5.		4
20	Characteristics of known drug space. Natural products, their derivatives and synthetic drugs. European Journal of Medicinal Chemistry, 2010, 45, 5646-5652.	5.5	99