

# Julien Dinkel

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

298  
citations

933447

10  
h-index

940533

16  
g-index

23  
all docs

23  
docs citations

23  
times ranked

484  
citing authors

#	ARTICLE	IF	CITATIONS
1	Visual vs Fully Automatic Histogram-Based Assessment of Idiopathic Pulmonary Fibrosis (IPF) Progression Using Sequential Multidetector Computed Tomography (MDCT). PLoS ONE, 2015, 10, e0130653.	2.5	40
2	Lung volumes predict survival in patients with chronic lung allograft dysfunction. European Respiratory Journal, 2017, 49, 1601315.	6.7	35
3	Pulmonary function impairment of asymptomatic and persistently symptomatic patients 4 months after COVID-19 according to disease severity. Infection, 2022, 50, 157-168.	4.7	31
4	Nonuniform Fourier decomposition MRI for ventilation and perfusion weighted imaging of the lung. Magnetic Resonance in Medicine, 2019, 82, 1312-1321.	3.0	23
5	Real-time 4DMRI based internal target volume definition for moving lung tumors. Medical Physics, 2020, 47, 1431-1442.	3.0	20
6	S2K Guideline for Diagnosis of Idiopathic Pulmonary Fibrosis. Respiration, 2021, 100, 238-271.	2.6	19
7	Involvement of radiologists in oncologic multidisciplinary team meetings: an international survey by the European Society of Oncologic Imaging. European Radiology, 2021, 31, 983-991.	4.5	17
8	Feasibility of 4DCBCT-based proton dose calculation: An ex vivo porcine lung phantom study. Zeitschrift Fur Medizinische Physik, 2019, 29, 249-261.	1.5	16
9	Porcine lung phantom-based validation of estimated 4D-MRI using orthogonal cine imaging for low-field MR-Linacs. Physics in Medicine and Biology, 2021, 66, 055006.	3.0	15
10	Assessment of intravoxel incoherent motion MRI with an artificial capillary network: analysis of biexponential and phase distribution models. Magnetic Resonance in Medicine, 2019, 82, 1373-1384.	3.0	12
11	Automated evaluation of probe-based confocal laser endomicroscopy in the lung. PLoS ONE, 2020, 15, e0232847.	2.5	12
12	Longitudinal lung function measurements in single lung transplant recipients with chronic lung allograft dysfunction. Journal of Heart and Lung Transplantation, 2020, 39, 1270-1278.	0.6	9
13	Detection of artificial pulmonary lung nodules in ultralow-dose CT using an ex vivo lung phantom. PLoS ONE, 2018, 13, e0190501.	2.5	7
14	Anthropomorphic lung phantom based validation of in-room proton therapy 4D-CBCT image correction for dose calculation. Zeitschrift Fur Medizinische Physik, 2020, 32, 74-74.	1.5	7
15	Percutaneous CT Fluoroscopy-Guided Core Needle Biopsy of Mediastinal Masses: Technical Outcome and Complications of 155 Procedures during a 10-Year Period. Diagnostics, 2021, 11, 781.	2.6	7
16	Validation of proton dose calculation on scatter corrected 4D cone beam computed tomography using a porcine lung phantom. Physics in Medicine and Biology, 2021, 66, 175022.	3.0	6
17	Diagnostic accuracy of magnetic resonance imaging for the detection of pulmonary nodules simulated in a dedicated porcine chest phantom. PLoS ONE, 2020, 15, e0244382.	2.5	5
18	Fully Automated Segmentation of Pulmonary Fibrosis Using Different Software Tools. Respiration, 2021, 100, 580-587.	2.6	4

#	ARTICLE	IF	CITATIONS
19	A Multi-Scale and Multi-Technique Approach for the Characterization of the Effects of Spatially Fractionated X-ray Radiation Therapies in a Preclinical Model. <i>Cancers</i> , 2021, 13, 4953.	3.7	4
20	Interpretation of Thoracic Radiography Shows Large Discrepancies Depending on the Qualification of the Physician—Quantitative Evaluation of Interobserver Agreement in a Representative Emergency Department Scenario. <i>Diagnostics</i> , 2021, 11, 1868.	2.6	4
21	Appearance of COVID-19 pneumonia on 1.5 T TrueFISP MRI. <i>Radiologia Brasileira</i> , 2021, 54, 211-218.	0.7	3
22	A proof-of-principal study using phase-contrast imaging for the detection of large airway pathologies after lung transplantation. <i>Scientific Reports</i> , 2020, 10, 18444.	3.3	1
23	X-ray Phase Contrast 3D virtual histology: evaluation of lung alterations after micro-beam irradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, , .	0.8	1