Simon Veldhoen

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Deep learning-based segmentation of the lung in MR-images acquired by a stack-of-spirals trajectory at ultra-short echo-times. BMC Medical Imaging, 2021, 21, 79.	2.7	7
2	Non-contrast pulmonary perfusion MRI in patients with cystic fibrosis. European Journal of Radiology, 2021, 139, 109653.	2.6	6
3	Three-dimensional Ultrashort Echotime Magnetic Resonance Imaging for Combined Morphologic and Ventilation Imaging in Pediatric Patients With Pulmonary Disease. Journal of Thoracic Imaging, 2021, 36, 43-51.	1.5	11
4	Functional MRI of the Lungs Using Single Breath-Hold and Self-Navigated Ultrashort Echo Time Sequences. Radiology: Cardiothoracic Imaging, 2020, 2, e190162.	2.5	10
5	Three-dimensional Ultrashort Echo Time MRI for Functional Lung Imaging in Cystic Fibrosis. Radiology, 2020, 296, 191-199.	7.3	26
6	Dual-energy CT angiography in suspected pulmonary embolism: influence of injection protocols on image quality and perfused blood volume. International Journal of Cardiovascular Imaging, 2020, 36, 2051-2059.	1.5	5
7	Feasibility of 4D T2* quantification in the lung with oxygen gas challenge in patients with non-small cell lung cancer. Physica Medica, 2020, 72, 46-51.	0.7	2
8	Non-rigid image registration of 4D-MRI data for improved delineation of moving tumors. BMC Medical Imaging, 2020, 20, 41.	2.7	4
9	UTEâ€5ENCEFUL: first results for 3D highâ€resolution lung ventilation imaging. Magnetic Resonance in Medicine, 2019, 81, 2464-2473.	3.0	37
10	Performance of cone-beam computed tomography and multidetector computed tomography in diagnostic imaging of the midface: A comparative study on Phantom and cadaver head scans. European Radiology, 2017, 27, 790-800.	4.5	39
11	Diagnosis of Pulmonary Artery Embolism: Comparison of Single-Source CT and 3rd Generation Dual-Source CT using a Dual-Energy Protocol Regarding Image Quality and Radiation Dose. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2017, 189, 527-536.	1.3	24
12	Self-gated Non–Contrast-enhanced Functional Lung MR Imaging for Quantitative Ventilation Assessment in Patients with Cystic Fibrosis. Radiology, 2017, 283, 242-251.	7.3	45
13	Off-label-use of sulfur-hexafluoride in voiding urosonography for diagnosis of vesicoureteral reflux in children: A survey on adverse events. World Journal of Clinical Pediatrics, 2017, 6, 52.	2.1	3
14	An intravoxel oriented flow model for diffusionâ€weighted imaging of the kidney. NMR in Biomedicine, 2016, 29, 1403-1413.	2.8	25
15	Reduced-dose abdominopelvic CT using hybrid iterative reconstruction in suspected left-sided colonic diverticulitis. European Radiology, 2016, 26, 216-224.	4.5	14
16	Non-contrast MR angiography at 1.5 Tesla for aortic monitoring in Marfan patients after aortic root surgery. Journal of Cardiovascular Magnetic Resonance, 2016, 19, 82.	3.3	18
17	Contrast-enhanced voiding urosonography phantom study: intravenous iodinated and gadolinium-based contrast agents may cause false-negative results in assessment of vesicoureteral reflux in children. Pediatric Radiology, 2015, 45, 862-871.	2.0	8
18	Exact monitoring of aortic diameters in Marfan patients without gadolinium contrast: intraindividual comparison of 2D SSFP imaging with 3D CE-MRA and echocardiography. European Radiology, 2015, 25, 872-882.	4.5	28

#	ARTICLE	IF	CITATIONS
19	Traveling wave MPI goes pre-clinical application. , 2015, , .		0
20	256â€ <scp>MDCT</scp> for evaluation of urolithiasis: Iterative reconstruction allows for a significant reduction of the applied radiation dose while maintaining high subjective and objective image quality. Journal of Medical Imaging and Radiation Oncology, 2014, 58, 283-290.	1.8	14
21	MRI displays involvement of the temporalis muscle and the deep temporal artery in patients with giant cell arteritis. European Radiology, 2014, 24, 2971-2979.	4.5	30