

Simon Veldhoen

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

356
citations

949033

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889612

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times ranked

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citing authors

| # | 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. <i>BMC Medical Imaging</i> , 2021, 21, 79. | 1.4 | 7 |
| 2 | Non-contrast pulmonary perfusion MRI in patients with cystic fibrosis. <i>European Journal of Radiology</i> , 2021, 139, 109653. | 1.2 | 6 |
| 3 | Three-dimensional Ultrashort Echotime Magnetic Resonance Imaging for Combined Morphologic and Ventilation Imaging in Pediatric Patients With Pulmonary Disease. <i>Journal of Thoracic Imaging</i> , 2021, 36, 43-51. | 0.8 | 11 |
| 4 | Functional MRI of the Lungs Using Single Breath-Hold and Self-Navigated Ultrashort Echo Time Sequences. <i>Radiology: Cardiothoracic Imaging</i> , 2020, 2, e190162. | 0.9 | 10 |
| 5 | Three-dimensional Ultrashort Echo Time MRI for Functional Lung Imaging in Cystic Fibrosis. <i>Radiology</i> , 2020, 296, 191-199. | 3.6 | 26 |
| 6 | Dual-energy CT angiography in suspected pulmonary embolism: influence of injection protocols on image quality and perfused blood volume. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 2051-2059. | 0.7 | 5 |
| 7 | Feasibility of 4D T2* quantification in the lung with oxygen gas challenge in patients with non-small cell lung cancer. <i>Physica Medica</i> , 2020, 72, 46-51. | 0.4 | 2 |
| 8 | Non-rigid image registration of 4D-MRI data for improved delineation of moving tumors. <i>BMC Medical Imaging</i> , 2020, 20, 41. | 1.4 | 4 |
| 9 | UTE-SENCEFUL: first results for 3D high-resolution lung ventilation imaging. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 2464-2473. | 1.9 | 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. <i>European Radiology</i> , 2017, 27, 790-800. | 2.3 | 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. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2017, 189, 527-536. | 0.7 | 24 |
| 12 | Self-gated Non-Contrast-enhanced Functional Lung MR Imaging for Quantitative Ventilation Assessment in Patients with Cystic Fibrosis. <i>Radiology</i> , 2017, 283, 242-251. | 3.6 | 45 |
| 13 | Off-label-use of sulfur-hexafluoride in voiding urosonography for diagnosis of vesicoureteral reflux in children: A survey on adverse events. <i>World Journal of Clinical Pediatrics</i> , 2017, 6, 52. | 0.6 | 3 |
| 14 | An intravoxel oriented flow model for diffusion-weighted imaging of the kidney. <i>NMR in Biomedicine</i> , 2016, 29, 1403-1413. | 1.6 | 25 |
| 15 | Reduced-dose abdominopelvic CT using hybrid iterative reconstruction in suspected left-sided colonic diverticulitis. <i>European Radiology</i> , 2016, 26, 216-224. | 2.3 | 14 |
| 16 | Non-contrast MR angiography at 1.5 Tesla for aortic monitoring in Marfan patients after aortic root surgery. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 82. | 1.6 | 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. <i>Pediatric Radiology</i> , 2015, 45, 862-871. | 1.1 | 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. <i>European Radiology</i> , 2015, 25, 872-882. | 2.3 | 28 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Traveling wave MPI goes pre-clinical application. , 2015, , . | | 0 |
| 20 | 256â€œMDCT 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. | 0.9 | 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. | 2.3 | 30 |