Andreas Max Weng

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1889442/publications.pdf

Version: 2024-02-01

37	672	623734	580821
papers	citations	14 h-index	25 g-index

38	38	38	977
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multiple Myeloma and Dual-Energy CT: Diagnostic Accuracy of Virtual Noncalcium Technique for Detection of Bone Marrow Infiltration of the Spine and Pelvis. Radiology, 2018, 286, 205-213.	7.3	99
2	Vertebral Compression Fractures: Third-Generation Dual-Energy CT for Detection of Bone Marrow Edema at Visual and Quantitative Analyses. Radiology, 2017, 284, 161-168.	7.3	98
3	Dual-energy CT of the bone marrow in multiple myeloma: diagnostic accuracy for quantitative differentiation of infiltration patterns. European Radiology, 2018, 28, 5083-5090.	4.5	51
4	Self-gated Nonâ€“Contrast-enhanced Functional Lung MR Imaging for Quantitative Ventilation Assessment in Patients with Cystic Fibrosis. Radiology, 2017, 283, 242-251.	7.3	45
5	Increased myocardial sodium signal intensity in Connâ€™s syndrome detected by 23Na magnetic resonance imaging. European Heart Journal Cardiovascular Imaging, 2019, 20, 263-270.	1.2	32
6	High resolution myocardial first-pass perfusion imaging with extended anatomic coverage. Journal of Magnetic Resonance Imaging, 2014, 39, 1575-1587.	3.4	28
7	Three-dimensional Ultrashort Echo Time MRI for Functional Lung Imaging in Cystic Fibrosis. Radiology, 2020, 296, 191-199.	7.3	26
8	Tin-filtered 100 kV ultra-low-dose CT of the paranasal sinus: Initial clinical results. PLoS ONE, 2019, 14, e0216295.	2.5	25
9	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
10	Supraspinatus muscle elasticity measured with real time shear wave ultrasound elastography correlates with MRI spectroscopic measured amount of fatty degeneration. BMC Musculoskeletal Disorders, 2017, 18, 549.	1.9	21
11	Comparing the MRI-based Goutallier Classification to an experimental quantitative MR spectroscopic fat measurement of the supraspinatus muscle. BMC Musculoskeletal Disorders, 2016, 17, 355.	1.9	20
12	Adrenal wash-out CT: moderate diagnostic value in distinguishing benign from malignant adrenal masses. European Journal of Endocrinology, 2022, 186, 183-193.	3.7	20
13	Automatic postprocessing for the assessment of quantitative human myocardial perfusion using MRI. European Radiology, 2010, 20, 1356-1365.	4.5	19
14	Stable and efficient retrospective 4D-MRI using non-uniformly distributed quasi-random numbers. Physics in Medicine and Biology, 2018, 63, 075002.	3.0	15
15	Twin Robotic X-Ray System for 3D Cone-Beam CT of the Wrist: An Evaluation of Image Quality and Radiation Dose. American Journal of Roentgenology, 2020, 214, 422-427.	2.2	13
16	Spin echo based cardiac diffusion imaging at 7T: An ex vivo study of the porcine heart at 7T and 3T. PLoS ONE, 2019, 14, e0213994.	2.5	12
17	Evaluation of Ultra-High-Resolution Cone-Beam CT Prototype of Twin Robotic Radiography System for Cadaveric Wrist Imaging. Academic Radiology, 2021, 28, e314-e322.	2.5	12
18	Freeâ€breathing selfâ€gated 4D lung MRI using waveâ€CAIPI. Magnetic Resonance in Medicine, 2020, 84, 3223-3233.	3.0	12

#	Article	IF	Citations
19	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
20	3D cone-beam CT of the ankle using a novel twin robotic X-ray system: Assessment of image quality and radiation dose. European Journal of Radiology, 2019, 119, 108659.	2.6	10
21	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
22	Dynamic Contrast-Enhanced Magnetic Resonance Imaging for Quantitative Lung Perfusion Imaging Using the Dual-Bolus Approach. Investigative Radiology, 2016, 51, 186-193.	6.2	9
23	Vasa vasorum of proximal cerebral arteries after dural crossing â€" potential imaging confounder in diagnosing intracranial vasculitis in elderly subjects on black-blood MRI. European Radiology, 2022, 32, 1276-1284.	4.5	8
24	Primary hyperaldosteronism induces congruent alterations of sodium homeostasis in different skeletal muscles: a 23Na-MRI study. European Journal of Endocrinology, 2022, 186, K33-K38.	3.7	8
25	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
26	Size-adjusted muscle power and muscle metabolism in patients with cystic fibrosis are equal to healthy controls â€" a case control study. BMC Pulmonary Medicine, 2019, 19, 269.	2.0	6
27	Acquisition-weighted chemical shift imaging improves SLOOP quantification of human cardiac phosphorus metabolites. Zeitschrift Fur Medizinische Physik, 2014, 24, 49-54.	1.5	5
28	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
29	Non-invasive assessment of tissue sodium content in patients with primary adrenal insufficiency. European Journal of Endocrinology, 2022, 187, 383-390.	3.7	5
30	Accelerated aortic 4D flow MRI with waveâ€€CAIPI. Magnetic Resonance in Medicine, 2021, 85, 2595-2607.	3.0	4
31	Split-filter dual-energy CT pulmonary angiography for the diagnosis of acute pulmonary embolism: a study on image quality and radiation dose. Quantitative Imaging in Medicine and Surgery, 2021, 11, 1817-1827.	2.0	4
32	Magnetic resonance cold pressor test to investigate potential endothelial dysfunction in patients suffering from type 1 diabetes. Journal of Magnetic Resonance Imaging, 2018, 48, 1595-1601.	3.4	3
33	A modelâ€based reconstruction technique for quantitative myocardial perfusion imaging. Magnetic Resonance in Medicine, 2016, 76, 880-887.	3.0	2
34	Validation of cardiac diffusion tensor imaging sequences: A multicentre testâ€"retest phantom study. NMR in Biomedicine, 2022, 35, e4685.	2.8	2
35	Effects of image homogeneity on stenosis visualization at 7 T in a coronary artery phantom study: With and without B1-shimming and parallel transmission. PLoS ONE, 2022, 17, e0270689.	2.5	1
36	Accurate metabolic images of the human myocardium by means of ³¹P magnetic resonance chemical shift imaging with spatial saturation pulses. Concepts in Magnetic Resonance Part A: Bridging Education and Research, 2013, 42, 187-195.	0.5	0

#	Article	IF	Citations
37	Effect of short-term smoking & L-arginine on coronary endothelial function assessed by cardiac magnetic resonance cold pressor testing: a pilot study. BMC Cardiovascular Disorders, 2021, 21, 237.	1.7	0