

David Lohr

List of Publications by Year in descending order

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16
papers

152
citations

1305906

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1427216

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17
all docs

17
docs citations

17
times ranked

178
citing authors

#	ARTICLE	IF	CITATIONS
1	Validation of cardiac diffusion tensor imaging sequences: A multicentre test-retest phantom study. NMR in Biomedicine, 2022, 35, e4685.	1.6	2
2	A novel antisymmetric 16-element transceiver dipole antenna array for parallel transmit cardiac MRI in pigs at 7T. NMR in Biomedicine, 2022, 35, e4726.	1.6	3
3	Assessment of Myocardial Microstructure in a Murine Model of Obesity-Related Cardiac Dysfunction by Diffusion Tensor Magnetic Resonance Imaging at 7T. Frontiers in Cardiovascular Medicine, 2022, 9, 839714.	1.1	5
4	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.	1.1	1
5	B ₀ shimming of the human heart at 7T. Magnetic Resonance in Medicine, 2021, 85, 182-196.	1.9	13
6	Sensitivity analysis for interpretation of machine learning based segmentation models in cardiac MRI. BMC Medical Imaging, 2021, 21, 27.	1.4	16
7	Deep learning-based cardiac cine segmentation: Transfer learning application to 7T ultrahigh-field MRI. Magnetic Resonance in Medicine, 2021, 86, 2179-2191.	1.9	14
8	On the way to routine cardiac MRI at 7 Tesla - a pilot study on consecutive 84 examinations. PLoS ONE, 2021, 16, e0252797.	1.1	11
9	Myocardial Infarction After High-Dose Catecholamine Application—A Case Report From an Experimental Imaging Study. Frontiers in Cardiovascular Medicine, 2020, 7, 580296.	1.1	1
10	Longitudinal assessment of tissue properties and cardiac diffusion metrics of the ex vivo porcine heart at 7 T: Impact of continuous tissue fixation using formalin. NMR in Biomedicine, 2020, 33, e4298.	1.6	11
11	A Novel Mono-surface Antisymmetric 8Tx/16Rx Coil Array for Parallel Transmit Cardiac MRI in Pigs at 7T. Scientific Reports, 2020, 10, 3117.	1.6	11
12	Exploring Ensemble Applications for Multi-sequence Myocardial Pathology Segmentation. Lecture Notes in Computer Science, 2020, , 60-67.	1.0	3
13	Design of a novel antisymmetric coil array for parallel transmit cardiac MRI in pigs at 7T. Journal of Magnetic Resonance, 2019, 305, 195-208.	1.2	12
14	Characterization of Myocardial Microstructure and Function in an Experimental Model of Isolated Subendocardial Damage. Hypertension, 2019, 74, 295-304.	1.3	23
15	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.	1.1	12
16	Design and Evaluation of a Novel Symmetric Multichannel Transmit/Receive Coil Array for Cardiac MRI in Pigs at 7 T. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 3928-3945.	2.9	12