Eric Van Reeth

List of Publications by Year
in descending order

20 papers	**317** citations	**8** h-index
20 all docs	**20** docs citations	**20** times ranked

1163117

1199594

12 g-index
515 citing authors

#	Article	IF	Citations
1	Short echo time dual-frequency MR Elastography with Optimal Control RF pulses. Scientific Reports, 2022, 12, 1406.	3.3	2
2	A simplified framework to optimize MRI contrast preparation. Magnetic Resonance in Medicine, 2019, 81, 424-438.	3.0	6
3	Constant gradient elastography with optimal control RF pulses. Journal of Magnetic Resonance, 2018, 294, 153-161.	2.1	3
4	Optimal control design of preparation pulses for contrast optimization in MRI. Journal of Magnetic Resonance, 2017, 279, 39-50.	2.1	15
5	Active control of the spatial MRI phase distribution with optimal control theory. Journal of Magnetic Resonance, 2017, 281, 82-93.	2.1	8
6	Optimal control theory for applications in Magnetic Resonance Imaging. Pacific Journal of Mathematics for Industry, 2017, 9, .	0.7	7
7	Optimizing MRI contrast with B1 pulses using optimal control theory. , 2016, , .		2
8	A hybrid approach for fusing 4D‐MRI temporal information with 3D‐CT for the study of lung and lung tumor motion. Medical Physics, 2015, 42, 4484-4496.	3.0	22
9	Multiple labels point-set registration. , 2015, , .		0
10	The Effect of Sample Age and Prediction Resolution on Myocardial Infarction Risk Prediction. IEEE Journal of Biomedical and Health Informatics, 2015, 19, 1178-1185.	6.3	14
11	Isotropic reconstruction of a 4‐D MRI thoracic sequence using super‐resolution. Magnetic Resonance in Medicine, 2015, 73, 784-793.	3.0	25
12	MisoSR: Medical Image Isotropic Super-Resolution Reconstruction. , 2015, , .		1
13	A Spatiotemporal-Based Scheme for Efficient Registration-Based Segmentation of Thoracic 4-D MRI. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 969-977.	6.3	12
14	Phantom-based evaluation of isotropic reconstruction of 4-D MRI volumes using super-resolution. , 2013, , .		2
15	Texture analysis of bone marrow in knee MRI for classification of subjects with bone marrow lesion â€" Data from the Osteoarthritis Initiative. Magnetic Resonance Imaging, 2013, 31, 930-938.	1.8	14
16	Adapting registration-based-segmentation for efficient segmentation of thoracic 4D MRI. , 2013, , .		1
17	Tracking of Tumor Motion in Lung Cancer using Patient Specific Finite Element Modeling and 4D-MRI Image Data. , 2013, , .		0
18	Super‐resolution in magnetic resonance imaging: A review. Concepts in Magnetic Resonance Part A: Bridging Education and Research, 2012, 40A, 306-325.	0.5	182

#	Article	IF	Citations
19	Image interpolation based on a multi-resolution directional map. , 2011, , .		0
20	Adaptive edge orientation analysis. , 2010, , .		1