

Eric Van Reeth

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

317
citations

1163117

8
h-index

1199594

12
g-index

20
all docs

20
docs citations

20
times ranked

515
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Isotropic reconstruction of a 4D MRI thoracic sequence using super-resolution. Magnetic Resonance in Medicine, 2015, 73, 784-793.	3.0	25
3	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
4	Optimal control design of preparation pulses for contrast optimization in MRI. Journal of Magnetic Resonance, 2017, 279, 39-50.	2.1	15
5	Texture analysis of bone marrow in knee MRI for classification of subjects with bone marrow lesion Data from the Osteoarthritis Initiative. Magnetic Resonance Imaging, 2013, 31, 930-938.	1.8	14
6	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
7	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
8	Active control of the spatial MRI phase distribution with optimal control theory. Journal of Magnetic Resonance, 2017, 281, 82-93.	2.1	8
9	Optimal control theory for applications in Magnetic Resonance Imaging. Pacific Journal of Mathematics for Industry, 2017, 9, .	0.7	7
10	A simplified framework to optimize MRI contrast preparation. Magnetic Resonance in Medicine, 2019, 81, 424-438.	3.0	6
11	Constant gradient elastography with optimal control RF pulses. Journal of Magnetic Resonance, 2018, 294, 153-161.	2.1	3
12	Phantom-based evaluation of isotropic reconstruction of 4-D MRI volumes using super-resolution. , 2013, , .		2
13	Optimizing MRI contrast with B1 pulses using optimal control theory. , 2016, , .		2
14	Short echo time dual-frequency MR Elastography with Optimal Control RF pulses. Scientific Reports, 2022, 12, 1406.	3.3	2
15	Adaptive edge orientation analysis. , 2010, , .		1
16	Adapting registration-based-segmentation for efficient segmentation of thoracic 4D MRI. , 2013, , .		1
17	MisoSR: Medical Image Isotropic Super-Resolution Reconstruction. , 2015, , .		1
18	Image interpolation based on a multi-resolution directional map. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
19	Multiple labels point-set registration. , 2015, , .		0
20	Tracking of Tumor Motion in Lung Cancer using Patient Specific Finite Element Modeling and 4D-MRI Image Data. , 2013, , .		0