

Dominik Neumann

List of Publications by Year in descending order

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9
papers

172
citations

1477746
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1719596
7
g-index

9
all docs

9
docs citations

9
times ranked

382
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards Personalized Cardiology: Multi-Scale Modeling of the Failing Heart. PLoS ONE, 2015, 10, e0134869.	1.1	65
2	Data-driven estimation of cardiac electrical diffusivity from 12-lead ECG signals. Medical Image Analysis, 2014, 18, 1361-1376.	7.0	42
3	A self-taught artificial agent for multi-physics computational model personalization. Medical Image Analysis, 2016, 34, 52-64.	7.0	20
4	Personalized mitral valve closure computation and uncertainty analysis from 3D echocardiography. Medical Image Analysis, 2017, 35, 238-249.	7.0	14
5	Patient-specific requirements and clinical validation of MRI-based pressure mapping: A two-center study in patients with aortic coarctation. Journal of Magnetic Resonance Imaging, 2019, 49, 81-89.	1.9	13
6	Non-invasive assessment of patient-specific aortic haemodynamics from four-dimensional flow MRI data. Interface Focus, 2018, 8, 20170006.	1.5	9
7	Personalized Computer Simulation of Diastolic Function in Heart Failure. Genomics, Proteomics and Bioinformatics, 2016, 14, 244-252.	3.0	6
8	Machine learning methods for robust parameter estimation. , 2020, , 161-181.		3
9	Patient-specific requirements and clinical validation of MRI-based pressure mapping: A two-center study in patients with aortic coarctation. Journal of Magnetic Resonance Imaging, 2019, 49, spcone.	1.9	0