

# Dominik Neumann

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8375417/publications.pdf>

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9  
papers

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citations

1478505

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1720034

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all docs

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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.	2.5	65
2	Data-driven estimation of cardiac electrical diffusivity from 12-lead ECG signals. Medical Image Analysis, 2014, 18, 1361-1376.	11.6	42
3	A self-taught artificial agent for multi-physics computational model personalization. Medical Image Analysis, 2016, 34, 52-64.	11.6	20
4	Personalized mitral valve closure computation and uncertainty analysis from 3D echocardiography. Medical Image Analysis, 2017, 35, 238-249.	11.6	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.	3.4	13
6	Non-invasive assessment of patient-specific aortic haemodynamics from four-dimensional flow MRI data. Interface Focus, 2018, 8, 20170006.	3.0	9
7	Personalized Computer Simulation of Diastolic Function in Heart Failure. Genomics, Proteomics and Bioinformatics, 2016, 14, 244-252.	6.9	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.	3.4	0