

# Tobias Gerach

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9803943/publications.pdf>

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1937685  
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1872680  
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docs citations

7  
times ranked

64  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electro-Mechanical Whole-Heart Digital Twins: A Fully Coupled Multi-Physics Approach. Mathematics, 2021, 9, 1247.	2.2	49
2	Seismic characterization of submarine gas-hydrate deposits in the Western Black Sea by acoustic full-waveform inversion of ocean-bottom seismic data. Geophysics, 2019, 84, B311-B324.	2.6	11
3	Sequential Coupling Shows Minor Effects of Fluid Dynamics on Myocardial Deformation in a Realistic Whole-Heart Model. Frontiers in Cardiovascular Medicine, 2021, 8, 768548.	2.4	7
4	Causes of altered ventricular mechanics in hypertrophic cardiomyopathy: an in-silico study. BioMedical Engineering OnLine, 2021, 20, 69.	2.7	6
5	Optimization Framework to Identify Constitutive Law Parameters of the Human Heart. Current Directions in Biomedical Engineering, 2020, 6, 95-98.	0.4	6
6	Consequences of Using an Orthotropic Stress Tensor for Left Ventricular Systole. , 0, , .		3
7	Dyssynchronous Left Ventricular Activation is Insufficient for the Breakdown of Wringing Rotation. Frontiers in Physiology, 2022, 13, .	2.8	2