

# Yannick Lutz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2636453/publications.pdf>

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7  
papers

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1937685  
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1872680  
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docs citations

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times ranked

140  
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#	ARTICLE	IF	CITATIONS
1	In-silico assessment of the dynamic effects of amiodarone and dronedarone on human atrial patho-electrophysiology. <i>Europace</i> , 2014, 16, iv30-iv38.	1.7	45
2	Hypocalcemia-Induced Slowing of Human Sinus Node Pacemaking. <i>Biophysical Journal</i> , 2019, 117, 2244-2254.	0.5	21
3	Selective Brain Hypothermia for Ischemic MCA-M1 Stroke: Influence of Cerebral Arterial Circulation in a 3D Brain Temperature Model. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 404-415.	4.2	7
4	Combined local hypothermia and recanalization therapy for acute ischemic stroke: Estimation of brain and systemic temperature using an energetic numerical model. <i>Journal of Thermal Biology</i> , 2019, 84, 316-322.	2.5	6
5	Modeling selective therapeutic hypothermia in case of acute ischemic stroke using a 1D hemodynamics model and a simplified brain geometry. <i>Mathematical Biosciences and Engineering</i> , 2020, 17, 1147-1167.	1.9	5
6	Modeling of the Human Cerebral Collateral Circulation: Evaluation of the Impact on the Cerebral Perfusion in Case of Ischemic Stroke. <i>Current Directions in Biomedical Engineering</i> , 2019, 5, 533-536.	0.4	2
7	Generation of a Simplified Brain Geometry for the Calculation of Local Cerebral Temperature using a 1D Hemodynamic Model. <i>Current Directions in Biomedical Engineering</i> , 2019, 5, 529-532.	0.4	0