José Alonso Solís-Lemus

List of Publications by Year
in descending order

12	513	6	9
papers	citations	h-index	g-index

15	15	15	883
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Predicting Atrial Fibrillation Recurrence by Combining Population Data and Virtual Cohorts of Patient-Specific Left Atrial Models. Circulation: Arrhythmia and Electrophysiology, 2022, 15, CIRCEP121010253.	4.8	32
2	Non-invasive simulated electrical and measured mechanical indices predict response to cardiac resynchronization therapy. Computers in Biology and Medicine, 2021, 138, 104872.	7.0	4
3	In silico Comparison of Left Atrial Ablation Techniques That Target the Anatomical, Structural, and Electrical Substrates of Atrial Fibrillation. Frontiers in Physiology, 2020, 11, 1145.	2.8	38
4	Cell Tracking Profiler: a user-driven analysis framework for evaluating 4D live cell imaging data. Journal of Cell Science, 2020, 133, .	2.0	7
5	A simulated single ventilator/dual patient ventilation strategy for acute respiratory distress syndrome during the COVID-19 pandemic. Royal Society Open Science, 2020, 7, 200585.	2.4	15
6	Comparative Study of Contact Repulsion in Control and Mutant Macrophages Using a Novel Interaction Detection. Journal of Imaging, 2020, 6, 36.	3.0	0
7	Direct Transcription for Dynamic Optimization: A Tutorial with a Case Study on Dual-Patient Ventilation During the COVID-19 Pandemic. , 2020, , .		3
8	Macrosight: A Novel Framework to Analyze the Shape and Movement of Interacting Macrophages Using MatlabÂ®. Journal of Imaging, 2019, 5, 17.	3.0	3
9	Segmentation and Shape Analysis of Macrophages Using Anglegram Analysis. Journal of Imaging, 2018, 4, 2.	3.0	8
10	Shape analysis and tracking of migrating macrophages. , 2018, , .		3
11	An objective comparison of cell-tracking algorithms. Nature Methods, 2017, 14, 1141-1152.	19.0	399
12	Segmentation of Overlapping Macrophages Using Anglegram Analysis. Communications in Computer and Information Science, 2017, , 792-803.	0.5	0