

Ali Tivay

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

52
citations

1937685

4
h-index

1872680

6
g-index

8
all docs

8
docs citations

8
times ranked

27
citing authors

#	ARTICLE	IF	CITATIONS
1	Practical Use of Regularization in Individualizing a Mathematical Model of Cardiovascular Hemodynamics Using Scarce Data. <i>Frontiers in Physiology</i> , 2020, 11, 452.	2.8	11
2	Collective Variational Inference for Personalized and Generative Physiological Modeling: A Case Study on Hemorrhage Resuscitation. <i>IEEE Transactions on Biomedical Engineering</i> , 2022, 69, 666-677.	4.2	8
3	Conflicting interactions in multiple closed-loop controlled critical care Treatments: A hemorrhage resuscitation-intravenous propofol sedation case study. <i>Biomedical Signal Processing and Control</i> , 2022, 71, 103268.	5.7	8
4	Virtual Patient Generation using Physiological Models through a Compressed Latent Parameterization. , 2020, , .		7
5	Tapered vs. Uniform Tube-Load Modeling of Blood Pressure Wave Propagation in Human Aorta. <i>Frontiers in Physiology</i> , 2019, 10, 974.	2.8	6
6	Mathematical model of volume kinetics and renal function after burn injury and resuscitation. <i>Burns</i> , 2021, 47, 371-386.	1.9	5
7	Mathematical Modeling, In-Human Evaluation and Analysis of Volume Kinetics and Kidney Function After Burn Injury and Resuscitation. <i>IEEE Transactions on Biomedical Engineering</i> , 2022, 69, 366-376.	4.2	4
8	Hemodynamic Monitoring via Model-Based Extended Kalman Filtering: Hemorrhage Resuscitation and Sedation Case Study. , 2022, 6, 2455-2460.		3