Dong-Ping Du

List of Publications by Year
in descending order

30 papers	373 citations	1163117 8 h-index	839539 18 g-index
30 all docs	30 docs citations	30 times ranked	422 citing authors

#	Article	IF	Citations
1	Project Portfolio Reliability: A Bayesian Approach for LeAgile Projects. EMJ - Engineering Management Journal, 2023, 35, 223-236.	2.3	1
2	A Review on Atrial Fibrillation (Computer Simulation and Clinical Perspectives). Hearts, 2022, 3, 20-37.	0.9	0
3	Modeling the density gradient of 3D nanofiber scaffolds fabricated by divergence electrospinning. Advances in Manufacturing, 2021, 9, 414-429.	6.1	5
4	Designing a Transferable Predictive Model for Online Learning Using a Bayesian Updating Approach. IEEE Transactions on Learning Technologies, 2021, 14, 474-485.	3.2	6
5	Risk prediction model for cutaneous squamous cell carcinoma in adult cardiac allograft recipients. World Journal of Transplantation, 2021, 11, 54-69.	1.6	3
6	Risk Prediction Model for Basal Cell Carcinoma in Cardiac Allograft Recipients. Transplantation Proceedings, 2021, 53, 1981-1988.	0.6	2
7	A Stochastic Multivariate Irregularly Sampled Time Series Imputation Method for Electronic Health Records. BioMedInformatics, 2021, 1, 166-181.	2.0	2
8	A Two-Stage Model Identification Method for Simulation of Electrical Wave Propagation in Heart Tissue. IEEE Access, 2020, 8, 123524-123535.	4.2	0
9	An Uncertainty Modeling Framework for Intracardiac Electrogram Analysis. Bioengineering, 2020, 7, 62.	3.5	1
10	Automatic Classification of Heartbeats Using ECG Signals via Higher Order Hidden Markov Model. , 2020, , .		4
11	Gaussian Process-Based Spatiotemporal Modeling of Electrical Wave Propagation in Human Atrium*. , 2020, 2020, 2602-2605.		0
12	A new analytical framework for missing data imputation and classification with uncertainty: Missing data imputation and heart failure readmission prediction. PLoS ONE, 2020, 15, e0237724.	2.5	15
13	Modified Polynomial Chaos Expansion for Efficient Uncertainty Quantification in Biological Systems. Applied Mechanics, 2020, 1, 153-173.	1.5	4
14	Modelling and control of a failing heart managed by a left ventricular assist device. Biocybernetics and Biomedical Engineering, 2020, 40, 559-573.	5.9	11
15	Corrigendum to â€œStochastic Modeling and Dynamic Analysis of the Cardiovascular System with Rotary Left Ventricular Assist Devicesâ€. Mathematical Problems in Engineering, 2020, 2020, 1-1.	1.1	0
16	Continual learning with a Bayesian approach for evolving the baselines of a leagile project portfolio. , 2020, 8, 46-65.		2
17	A Novel Motion Artifact Removal Method via Joint Basis Pursuit Linear Program to Accurately Monitor Heart Rate. IEEE Sensors Journal, 2019, 19, 9945-9952.	4.7	9
18	Stochastic Modeling and Dynamic Analysis of the Cardiovascular System with Rotary Left Ventricular Assist Devices. Mathematical Problems in Engineering, 2019, 2019, 1-18.	1.1	6

#	Article	IF	Citations
19	Stochastic Modeling and Control of Circulatory System with a Left Ventricular Assist Device. , 2019, , .		0
20	Model Identification and Physical Exercise Control using Nonlinear Heart Rate Model and Particle Filter. , 2019, , .		1
21	Feedback Control of Rotary Blood Pump for Preventing Left Ventricular Suction. , 2019, , .		3
22	Heart Rate Monitoring During Physical Exercise From Photoplethysmography Using Neural Network. , 2019, 3, 1-4.		15
23	The effects of collector geometry on the internal structure of the 3D nanofiber scaffold fabricated by divergent electrospinning. International Journal of Advanced Manufacturing Technology, 2019, 100, 3045-3054.	3.0	19
24	Dropout Prediction in MOOCs: Using Deep Learning for Personalized Intervention. Journal of Educational Computing Research, 2019, 57, 547-570.	5.5	155
25	Fault detection and diagnosis using empirical mode decomposition based principal component analysis. Computers and Chemical Engineering, 2018, 115, 1-21.	3.8	57
26	In-Silico Modeling of the Functional Role of Reduced Sialylation in Sodium and Potassium Channel Gating of Mouse Ventricular Myocytes. IEEE Journal of Biomedical and Health Informatics, 2018, 22, 631-639.	6.3	8
27	Fault Detection using Empirical Mode Decomposition based PCA and CUSUM with Application to the Tennessee Eastman Process. IFAC-PapersOnLine, 2018, 51, 488-493.	0.9	4
28	Generalized polynomial chaos-based uncertainty quantification and propagation in multi-scale modeling of cardiac electrophysiology. Computers in Biology and Medicine, 2018, 102, 57-74.	7.0	18
29	Detection of the propagating direction of electrical wavefront in atrial fibrillation. , 2016, 2016, 2749-2752.		1
30	Statistical Metamodeling and Sequential Design of Computer Experiments to Model Glyco-Altered Gating of Sodium Channels in Cardiac Myocytes. IEEE Journal of Biomedical and Health Informatics, 2016, 20, 1439-1452.	6.3	21