

Dong-Ping Du

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

373
citations

1163117

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h-index

839539

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30
all docs

30
docs citations

30
times ranked

422
citing authors

#	ARTICLE	IF	CITATIONS
1	Dropout Prediction in MOOCs: Using Deep Learning for Personalized Intervention. Journal of Educational Computing Research, 2019, 57, 547-570.	5.5	155
2	Fault detection and diagnosis using empirical mode decomposition based principal component analysis. Computers and Chemical Engineering, 2018, 115, 1-21.	3.8	57
3	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
4	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
5	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
6	Heart Rate Monitoring During Physical Exercise From Photoplethysmography Using Neural Network. , 2019, 3, 1-4.		15
7	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
8	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
9	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
10	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
11	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
12	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
13	Modeling the density gradient of 3D nanofiber scaffolds fabricated by divergence electrospinning. Advances in Manufacturing, 2021, 9, 414-429.	6.1	5
14	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
15	Automatic Classification of Heartbeats Using ECG Signals via Higher Order Hidden Markov Model. , 2020, , .		4
16	Modified Polynomial Chaos Expansion for Efficient Uncertainty Quantification in Biological Systems. Applied Mechanics, 2020, 1, 153-173.	1.5	4
17	Feedback Control of Rotary Blood Pump for Preventing Left Ventricular Suction. , 2019, , .		3
18	Risk prediction model for cutaneous squamous cell carcinoma in adult cardiac allograft recipients. World Journal of Transplantation, 2021, 11, 54-69.	1.6	3

#	ARTICLE	IF	CITATIONS
19	Risk Prediction Model for Basal Cell Carcinoma in Cardiac Allograft Recipients. Transplantation Proceedings, 2021, 53, 1981-1988.	0.6	2
20	A Stochastic Multivariate Irregularly Sampled Time Series Imputation Method for Electronic Health Records. BioMedInformatics, 2021, 1, 166-181.	2.0	2
21	Continual learning with a Bayesian approach for evolving the baselines of a leagile project portfolio. , 2020, 8, 46-65.		2
22	Detection of the propagating direction of electrical wavefront in atrial fibrillation. , 2016, 2016, 2749-2752.		1
23	Model Identification and Physical Exercise Control using Nonlinear Heart Rate Model and Particle Filter. , 2019, , .		1
24	An Uncertainty Modeling Framework for Intracardiac Electrogram Analysis. Bioengineering, 2020, 7, 62.	3.5	1
25	Project Portfolio Reliability: A Bayesian Approach for LeAgile Projects. EMJ - Engineering Management Journal, 2023, 35, 223-236.	2.3	1
26	Stochastic Modeling and Control of Circulatory System with a Left Ventricular Assist Device. , 2019, , .		0
27	A Two-Stage Model Identification Method for Simulation of Electrical Wave Propagation in Heart Tissue. IEEE Access, 2020, 8, 123524-123535.	4.2	0
28	Gaussian Process-Based Spatiotemporal Modeling of Electrical Wave Propagation in Human Atrium*. , 2020, 2020, 2602-2605.		0
29	Corrigendum to "Stochastic Modeling and Dynamic Analysis of the Cardiovascular System with Rotary Left Ventricular Assist Devices". Mathematical Problems in Engineering, 2020, 2020, 1-1.	1.1	0
30	A Review on Atrial Fibrillation (Computer Simulation and Clinical Perspectives). Hearts, 2022, 3, 20-37.	0.9	0