Hoo Sang Ko

List of Publications by Year
in descending order

23 papers	462 citations	1478505 6 h-index	752698 20 g-index
23 all docs	23 docs citations	23 times ranked	505 citing authors

#	Article	IF	Citations
1	Study of blood glucose and insulin infusion rate in real-time in diabetic rats using an artificial pancreas system. PLoS ONE, 2021, 16, e0254718.	2.5	3
2	Development of a Hand Motion-based Assessment System for Endotracheal Intubation Training. Journal of Medical Systems, 2021, 45, 81.	3.6	0
3	Preliminary Experience With Inertial Movement Technology to Characterize Endotracheal Intubation Kinematics. Simulation in Healthcare, 2020, 15, 160-166.	1.2	2
4	Multi-Sensor Feature Integration for Assessment of Endotracheal Intubation. Journal of Medical and Biological Engineering, 2020, 40, 648-654.	1.8	0
5	Tracking changes of the parameters of glucose-insulin homeostasis during the course of obesity in B6D2F1 mice. Heliyon, 2020, 6, e03251.	3.2	2
6	Neural network-based model predictive control for type 1 diabetic rats on artificial pancreas system. Medical and Biological Engineering and Computing, 2019, 57, 177-191.	2.8	27
7	Model Predictive Control of Blood Glucose for Type 1 Diabetic Rats in a Cyber-Physical System. Procedia Manufacturing, 2019, 39, 341-348.	1.9	2
8	Development of Classification Models for Assessment of Endotracheal Intubation Training by a Cyber-Physical System. Procedia Manufacturing, 2019, 39, 357-362.	1.9	1
9	A support vector machine-based ensemble algorithm for breast cancer diagnosis. European Journal of Operational Research, 2018, 267, 687-699.	5.7	292
10	Estimation of insulin secretion, glucose uptake by tissues, and liver handling of glucose using a mathematical model of glucose-insulin homeostasis in lean and obese mice. Heliyon, 2017, 3, e00310.	3.2	6
11	A simulation case study on supply chain management of a construction firm adopting cloud computing and RFID. International Journal of Industrial and Systems Engineering, 2017, 27, 233.	0.2	5
12	A simulation case study on supply chain management of a construction firm adopting cloud computing and RFID. International Journal of Industrial and Systems Engineering, 2017, 27, 233.	0.2	4
13	Collaboration protocols for sustainable wind energy distribution networks. International Journal of Production Economics, 2016, 182, 496-507.	8.9	5
14	Cloud-based Materials Tracking System Prototype Integrated with Radio Frequency Identification Tagging Technology. Automation in Construction, 2016, 63, 144-154.	9.8	35
15	Collaboration Platform for Sustainable Wind Energy Distribution Network. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 4266-4271.	0.4	1
16	Design of Protocols for Task Administration in Collaborative Production Systems. International Journal of Computers, Communications and Control, 2014, 5, 91.	1.8	11
17	A protocol for processing interfered data in facility sensor networks. International Journal of Advanced Manufacturing Technology, 2013, 67, 2377-2385.	3.0	6
18	Application of Artificial Neural Network and Genetic Algorithm to Healthcarewaste Prediction. Journal of Artificial Intelligence and Soft Computing Research, 2013, 3, 243-250.	4.3	5

#	Article	IF	Citations
19	Applying Fuzzy Logic for Optimal Placement of XBOX Kinect Sensors for Industrial Applications. Advanced Materials Research, 2012, 628, 433-439.	0.3	1
20	Design and application of task administration protocols for collaborative production and service systems. International Journal of Production Economics, 2012, 135, 177-189.	8.9	40
21	Intelligent Alert Systems for Error and Conflict Detection in Supply Networks. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 1602-1607.	0.4	2
22	A statistical analysis of interference and effective deployment strategies for facility-specific wireless sensor networks. Computers in Industry, 2010, 61, 472-479.	9.9	9
23	Design of Collaborative e-Service Systems. , 0, , 227-252.		3