Gema GarcÃa-SÃ¡ez

List of Publications by Year
in descending order

24	585	687363	642732
papers	citations	13	23
		h-index	g-index

26	26	26	785
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Long short-term memory neural network for glucose prediction. Neural Computing and Applications, 2021, 33, 4191-4203.	5.6	19
2	A Systematic Review of Collective Evidences Investigating the Effect of Diabetes Monitoring Systems and Their Application in Health Care. Frontiers in Endocrinology, 2021, 12, 636959.	3.5	12
3	Automated Insulin Delivery: The Artificial Pancreas Technical Challenges. American Journal of Therapeutics, 2020, 27, e62-e70.	0.9	8
4	Managing gestational diabetes mellitus using a smartphone application with artificial intelligence (SineDie) during the COVID-19 pandemic: Much more than just telemedicine. Diabetes Research and Clinical Practice, 2020, 169, 108396.	2.8	31
5	Prediction of Cocaine Inpatient Treatment Success Using Machine Learning on High-Dimensional Heterogeneous Data. IEEE Access, 2020, 8, 218936-218953.	4.2	2
6	Method to generate a large cohort in-silico for type 1 diabetes. Computer Methods and Programs in Biomedicine, 2020, 193, 105523.	4.7	2
7	Decision Support in Diabetes Care: The Challenge of Supporting Patients in Their Daily Living Using a Mobile Glucose Predictor. Journal of Diabetes Science and Technology, 2018, 12, 243-250.	2.2	30
8	Linear Time-Varying Luenberger Observer Applied to Diabetes. IEEE Access, 2018, 6, 23612-23625.	4.2	8
9	A web-based clinical decision support system for gestational diabetes: Automatic diet prescription and detection of insulin needs. International Journal of Medical Informatics, 2017, 102, 35-49.	3.3	97
10	MobiGuide: a personalized and patient-centric decision-support system and its evaluation in the atrial fibrillation and gestational diabetes domains. User Modeling and User-Adapted Interaction, 2017, 27, 159-213.	3.8	43
11	Assessment of a personalized and distributed patient guidance system. International Journal of Medical Informatics, 2017, 101, 108-130.	3.3	61
12	Automatic classification of glycaemia measurements to enhance data interpretation in an expert system for gestational diabetes. Expert Systems With Applications, 2016, 63, 386-396.	7.6	9
13	Patient-oriented Computerized Clinical Guidelines for Mobile Decision Support in Gestational Diabetes. Journal of Diabetes Science and Technology, 2014, 8, 238-246.	2.2	25
14	Artificial Pancreas Using a Personalized Rule-Based Controller Achieves Overnight Normoglycemia in Patients with Type 1 Diabetes. Diabetes Technology and Therapeutics, 2014, 16, 172-179.	4.4	25
15	PREDIRCAM eHealth Platform for Individualized Telemedical Assistance for Lifestyle Modification in		

#	Article	IF	Citations
19	Architecture of a wireless Personal Assistant for telemedical diabetes care. International Journal of Medical Informatics, 2009, 78, 391-403.	3.3	40
20	The INCA System: A Further Step Towards a Telemedical Artificial Pancreas. IEEE Transactions on Information Technology in Biomedicine, 2008, 12, 470-479.	3.2	55
21	Real-Time Continuous Glucose Monitoring Together with Telemedical Assistance Improves Glycemic Control and Glucose Stability in Pump-Treated Patients. Diabetes Technology and Therapeutics, 2008, 10, 194-199.	4.4	35
22	Definition of Information Technology Architectures for Continuous Data Management and Medical Device Integration in Diabetes. Journal of Diabetes Science and Technology, 2008, 2, 899-905.	2.2	4
23	A Telemedicine System That Includes a Personal Assistant Improves Glycemic Control in Pump-Treated Patients with Type 1 Diabetes. Journal of Diabetes Science and Technology, 2007, 1, 505-510.	2.2	23
24	Intelligent alarms integrated in a multi-agent architecture for diabetes management. Transactions of the Institute of Measurement and Control, 2004, 26, 185-200.	1.7	13