

Konstantia Zarkogianni

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9041666/publications.pdf>

Version: 2024-02-01

13
papers

428
citations

1307594

7
h-index

1588992

8
g-index

13
all docs

13
docs citations

13
times ranked

483
citing authors

#	ARTICLE	IF	CITATIONS
1	SMARTDIAB: A Communication and Information Technology Approach for the Intelligent Monitoring, Management and Follow-up of Type 1 Diabetes Patients. IEEE Transactions on Information Technology in Biomedicine, 2010, 14, 622-633.	3.2	87
2	A Review of Emerging Technologies for the Management of Diabetes Mellitus. IEEE Transactions on Biomedical Engineering, 2015, 62, 2735-2749.	4.2	86
3	An Insulin Infusion Advisory System Based on Autotuning Nonlinear Model-Predictive Control. IEEE Transactions on Biomedical Engineering, 2011, 58, 2467-2477.	4.2	65
4	Comparison of Machine Learning Approaches Toward Assessing the Risk of Developing Cardiovascular Disease as a Long-Term Diabetes Complication. IEEE Journal of Biomedical and Health Informatics, 2018, 22, 1637-1647.	6.3	49
5	A hybrid Decision Support System for the risk assessment of retinopathy development as a long term complication of Type 1 Diabetes Mellitus. , 2010, 2010, 6713-6.		30
6	An explainable XGBoost-based approach towards assessing the risk of cardiovascular disease in patients with Type 2 Diabetes Mellitus. , 2020, , .		23
7	Comparative assessment of statistical and machine learning techniques towards estimating the risk of developing type 2 diabetes and cardiovascular complications. Expert Systems, 2017, 34, e12214.	4.5	21
8	An Insulin Infusion Advisory System for Type 1 Diabetes Patients based on Non-Linear Model Predictive Control Methods. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 5972-5.	0.5	16
9	A hybrid genetic algorithm for the selection of the critical features for risk prediction of cardiovascular complications in Type 2 Diabetes patients. , 2013, , .		14
10	A data gathering framework to collect Type 2 diabetes patients data. , 2014, , .		12
11	Ketonemia and ketonuria in gestational diabetes mellitus. Hormones, 2015, 14, 644-50.	1.9	12
12	A Multimodal Approach for Real Time Recognition of Engagement towards Adaptive Serious Games for Health. Sensors, 2022, 22, 2472.	3.8	9
13	An LSTM-based Approach Towards Automated Meal Detection from Continuous Glucose Monitoring in Type 1 Diabetes Mellitus. , 2021, , .		4