

Yorgos Goletsis

List of Publications by Year in descending order

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43
papers

932
citations

687363

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642732

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47
all docs

47
docs citations

47
times ranked

1099
citing authors

#	ARTICLE	IF	CITATIONS
1	Salivary Biomarkers for Diagnosis and Therapy Monitoring in Patients with Heart Failure. A Systematic Review. <i>Diagnostics</i> , 2021, 11, 824.	2.6	7
2	A Machine Learning Approach for Chronic Heart Failure Diagnosis. <i>Diagnostics</i> , 2021, 11, 1863.	2.6	21
3	Point-of-Care Testing Devices for Heart Failure Analyzing Blood and Saliva Samples. <i>IEEE Reviews in Biomedical Engineering</i> , 2020, 13, 17-31.	18.0	11
4	HEARTEN KMS – A knowledge management system targeting the management of patients with heart failure. <i>Journal of Biomedical Informatics</i> , 2019, 94, 103203.	4.3	16
5	KardiaSoft Architecture – A Software Supporting Diagnosis and Therapy Monitoring of Heart Failure Patients Exploiting Saliva Biomarkers. , 2019, 2019, 1382-1385.		1
6	Composite innovation metrics: MCDA and the Quadruple Innovation Helix framework. <i>Technological Forecasting and Social Change</i> , 2018, 131, 4-17.	11.6	61
7	KardiaTool: An Integrated POC Solution for Non-invasive Diagnosis and Therapy Monitoring of Heart Failure Patients. , 2018, 2018, 3878-3881.		5
8	HEARTEN: An integrated mHealth platform for holistic HF management. , 2018, , .		1
9	Estimation of New York Heart Association class in heart failure patients based on machine learning techniques. , 2017, , .		5
10	Predicting Heart Failure Patient Events by Exploiting Saliva and Breath Biomarkers Information. , 2017, , .		3
11	A computational approach for the estimation of heart failure patients status using saliva biomarkers. , 2017, 2017, 3648-3651.		6
12	Estimation of Heart Failure Patients Medication Adherence through the Utilization of Saliva and Breath Biomarkers and Data Mining Techniques. , 2017, , .		3
13	Predicting adherence of patients with HF through machine learning techniques. <i>Healthcare Technology Letters</i> , 2016, 3, 165-170.	3.3	41
14	A multilevel and multistage efficiency evaluation of innovation systems: A multiobjective DEA approach. <i>Expert Systems With Applications</i> , 2016, 62, 63-80.	7.6	125
15	Prediction of time dependent survival in HF patients after VAD implantation using pre- and post-operative data. <i>Computers in Biology and Medicine</i> , 2016, 70, 99-105.	7.0	4
16	Multi-level multi-stage efficiency measurement: the case of innovation systems. <i>Operational Research</i> , 2015, 15, 253-274.	2.0	27
17	A dynamic Bayesian network approach for time-specific survival probability prediction in patients after ventricular assist device implantation. , 2014, 2014, 3172-5.		1
18	Modeling and simulation of speed selection on left ventricular assist devices. <i>Computers in Biology and Medicine</i> , 2014, 51, 128-139.	7.0	13

#	ARTICLE	IF	CITATIONS
19	Adverse event prediction in patients with left ventricular assist devices. , 2013, 2013, 1314-7.		3
20	Hierarchical Similarity Transformations Between Gaussian Mixtures. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 1824-1835.	11.3	4
21	Automated knowledge-based fuzzy models generation for weaning of patients receiving Ventricular Assist Device (VAD) therapy. , 2012, 2012, 2206-9.		3
22	Knowledge editor and execution engine development for optimal ventricular assist device weaning. , 2012, 2012, 1262-5.		0
23	A Gaussian Mixture Model to detect suction events in rotary blood pumps. , 2012, , .		6
24	Multiparametric Decision Support System for the Prediction of Oral Cancer Reoccurrence. IEEE Transactions on Information Technology in Biomedicine, 2012, 16, 1127-1134.	3.2	78
25	A multiscale and multiparametric approach for modeling the progression of oral cancer. BMC Medical Informatics and Decision Making, 2012, 12, 136.	3.0	33
26	Real-Time Driver's Stress Event Detection. IEEE Transactions on Intelligent Transportation Systems, 2012, 13, 221-234.	8.0	108
27	Modelling of Oral Cancer Progression Using Dynamic Bayesian Networks. Springer Optimization and Its Applications, 2012, , 199-212.	0.9	4
28	Patient specific cardiovascular risk assessment and treatment decision support based on multiscale modelling and medical guidelines. , 2011, 2011, 838-41.		1
29	Gene expression profiling towards the prediction of oral cancer reoccurrence. , 2011, 2011, 8307-10.		1
30	Towards Driver's State Recognition on Real Driving Conditions. International Journal of Vehicular Technology, 2011, 2011, 1-14.	1.1	69
31	Enabling Heterogeneous Data Integration and Biomedical Event Prediction Through ICT: The Test Case of Cancer Reoccurrence. Advances in Experimental Medicine and Biology, 2011, 696, 367-375.	1.6	3
32	Credit scoring using an Ant mining approach. Human Systems Management, 2010, 29, 79-88.	1.1	2
33	Towards a unified methodology for the evaluation of e-health applications. , 2010, , .		4
34	Towards building a Dynamic Bayesian Network for monitoring oral cancer progression using time-course gene expression data. , 2010, , .		2
35	A multilevel and multiscale approach for the prediction of oral cancer reoccurrence. IFMBE Proceedings, 2010, , 588-591.	0.3	1
36	CAN ANTS PREDICT BANKRUPTCY? A COMPARISON OF ANT COLONY SYSTEMS TO OTHER STATE-OF-THE-ART COMPUTATIONAL METHODS. New Mathematics and Natural Computation, 2009, 05, 571-588.	0.7	2

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37	Intelligent patient profiling for diagnosis, staging and treatment selection in colon cancer. , 2008, , .		6
38	A two-stage method for MUAP classification based on EMG decomposition. Computers in Biology and Medicine, 2007, 37, 1232-1240.	7.0	71
39	ECG Diagnosis Using Decision Support Systems. , 2006, , 135-146.		0
40	Automated Ischemic Beat Classification Using Genetic Algorithms and Multicriteria Decision Analysis. IEEE Transactions on Biomedical Engineering, 2004, 51, 1717-1725.	4.2	89
41	Project Ranking in the Armenian Energy Sector Using a Multicriteria Method for Groups. Annals of Operations Research, 2003, 120, 135-157.	4.1	67
42	ECG Diagnosis Using Decision Support Systems. , 0, , 851-861.		0
43	Computational Analysis of Proteins. , 0, , 227-256.		0