

Yorgos Goletsis

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

932
citations

687363

13
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642732

23
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47
all docs

47
docs citations

47
times ranked

1099
citing authors

#	ARTICLE	IF	CITATIONS
1	A multilevel and multistage efficiency evaluation of innovation systems: A multiobjective DEA approach. Expert Systems With Applications, 2016, 62, 63-80.	7.6	125
2	Real-Time Driver's Stress Event Detection. IEEE Transactions on Intelligent Transportation Systems, 2012, 13, 221-234.	8.0	108
3	Automated Ischemic Beat Classification Using Genetic Algorithms and Multicriteria Decision Analysis. IEEE Transactions on Biomedical Engineering, 2004, 51, 1717-1725.	4.2	89
4	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
5	A two-stage method for MUAP classification based on EMG decomposition. Computers in Biology and Medicine, 2007, 37, 1232-1240.	7.0	71
6	Towards Driver's State Recognition on Real Driving Conditions. International Journal of Vehicular Technology, 2011, 2011, 1-14.	1.1	69
7	Project Ranking in the Armenian Energy Sector Using a Multicriteria Method for Groups. Annals of Operations Research, 2003, 120, 135-157.	4.1	67
8	Composite innovation metrics: MCDA and the Quadruple Innovation Helix framework. Technological Forecasting and Social Change, 2018, 131, 4-17.	11.6	61
9	Predicting adherence of patients with HF through machine learning techniques. Healthcare Technology Letters, 2016, 3, 165-170.	3.3	41
10	A multiscale and multiparametric approach for modeling the progression of oral cancer. BMC Medical Informatics and Decision Making, 2012, 12, 136.	3.0	33
11	Multi-level multi-stage efficiency measurement: the case of innovation systems. Operational Research, 2015, 15, 253-274.	2.0	27
12	A Machine Learning Approach for Chronic Heart Failure Diagnosis. Diagnostics, 2021, 11, 1863.	2.6	21
13	HEARTEN KMS – A knowledge management system targeting the management of patients with heart failure. Journal of Biomedical Informatics, 2019, 94, 103203.	4.3	16
14	Modeling and simulation of speed selection on left ventricular assist devices. Computers in Biology and Medicine, 2014, 51, 128-139.	7.0	13
15	Point-of-Care Testing Devices for Heart Failure Analyzing Blood and Saliva Samples. IEEE Reviews in Biomedical Engineering, 2020, 13, 17-31.	18.0	11
16	Salivary Biomarkers for Diagnosis and Therapy Monitoring in Patients with Heart Failure. A Systematic Review. Diagnostics, 2021, 11, 824.	2.6	7
17	Intelligent patient profiling for diagnosis, staging and treatment selection in colon cancer. , 2008, , .		6
18	A Gaussian Mixture Model to detect suction events in rotary blood pumps. , 2012, , .		6

#	ARTICLE	IF	CITATIONS
19	A computational approach for the estimation of heart failure patients status using saliva biomarkers. , 2017, 2017, 3648-3651.		6
20	Estimation of New York Heart Association class in heart failure patients based on machine learning techniques. , 2017, , .		5
21	KardiaTool: An Integrated POC Solution for Non-invasive Diagnosis and Therapy Monitoring of Heart Failure Patients. , 2018, 2018, 3878-3881.		5
22	Towards a unified methodology for the evaluation of e-health applications. , 2010, , .		4
23	Hierarchical Similarity Transformations Between Gaussian Mixtures. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 1824-1835.	11.3	4
24	Prediction of time dependent survival in HF patients after VAD implantation using pre- and post-operative data. Computers in Biology and Medicine, 2016, 70, 99-105.	7.0	4
25	Modelling of Oral Cancer Progression Using Dynamic Bayesian Networks. Springer Optimization and Its Applications, 2012, , 199-212.	0.9	4
26	Automated knowledge-based fuzzy models generation for weaning of patients receiving Ventricular Assist Device (VAD) therapy. , 2012, 2012, 2206-9.		3
27	Adverse event prediction in patients with left ventricular assist devices. , 2013, 2013, 1314-7.		3
28	Predicting Heart Failure Patient Events by Exploiting Saliva and Breath Biomarkers Information. , 2017, , .		3
29	Estimation of Heart Failure Patients Medication Adherence through the Utilization of Saliva and Breath Biomarkers and Data Mining Techniques. , 2017, , .		3
30	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
31	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
32	Credit scoring using an Ant mining approach. Human Systems Management, 2010, 29, 79-88.	1.1	2
33	Towards building a Dynamic Bayesian Network for monitoring oral cancer progression using time-course gene expression data. , 2010, , .		2
34	Patient specific cardiovascular risk assessment and treatment decision support based on multiscale modelling and medical guidelines. , 2011, 2011, 838-41.		1
35	Gene expression profiling towards the prediction of oral cancer reoccurrence. , 2011, 2011, 8307-10.		1
36	A dynamic Bayesian network approach for time-specific survival probability prediction in patients after ventricular assist device implantation. , 2014, 2014, 3172-5.		1

#	ARTICLE	IF	CITATIONS
37	HEARTEN: An integrated mHealth platform for holistic HF management. , 2018, ,		1
38	KardiaSoft Architecture – A Software Supporting Diagnosis and Therapy Monitoring of Heart Failure Patients Exploiting Saliva Biomarkers. , 2019, 2019, 1382-1385.		1
39	A multilevel and multiscale approach for the prediction of oral cancer reoccurrence. IFMBE Proceedings, 2010, , 588-591.	0.3	1
40	Knowledge editor and execution engine development for optimal ventricular assist device weaning. , 2012, 2012, 1262-5.		0
41	ECG Diagnosis Using Decision Support Systems. , 2006, , 135-146.		0
42	ECG Diagnosis Using Decision Support Systems. , 0, , 851-861.		0
43	Computational Analysis of Proteins. , 0, , 227-256.		0