Florin Gorunescu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/873787/publications.pdf

Version: 2024-02-01

44 papers	2,027 citations	361413 20 h-index	345221 36 g-index
45 all docs	45 docs citations	45 times ranked	1650 citing authors

#	Article	IF	Citations
1	Neural network analysis of dynamic sequences of EUS elastography used for the differential diagnosis of chronic pancreatitis and pancreatic cancer. Gastrointestinal Endoscopy, 2008, 68, 1086-1094.	1.0	241
2	Accuracy of endoscopic ultrasound elastography used for differential diagnosis of focal pancreatic masses: a multicenter study. Endoscopy, 2011, 43, 596-603.	1.8	173
3	Efficacy of an Artificial Neural Networkâ€“Based Approach to Endoscopic Ultrasound Elastography in Diagnosis of Focal Pancreatic Masses. Clinical Gastroenterology and Hepatology, 2012, 10, 84-90.e1.	4.4	169
4	Randomized controlled trial of endoscopic ultrasound-guided fine-needle sampling with or without suction for better cytological diagnosis. Scandinavian Journal of Gastroenterology, 2009, 44, 499-504.	1.5	137
5	Analysis of Endoscopic Ultrasound Elastography Used for Characterisation and Differentiation of Benign and Malignant Lymph Nodes. Ultraschall in Der Medizin, 2006, 27, 535-542.	1.5	125
6	Dynamic analysis of EUS used for the differentiation of benign and malignant lymph nodes. Gastrointestinal Endoscopy, 2007, 66, 291-300.	1.0	123
7	Combined contrast-enhanced power Doppler and real-time sonoelastography performed during EUS, used in the differential diagnosis of focal pancreatic masses (with videos). Gastrointestinal Endoscopy, 2010, 72, 739-747.	1.0	118
8	A queueing model for bed-occupancy management and planning of hospitals. Journal of the Operational Research Society, 2002, 53, 19-24.	3.4	115
9	Using a queueing model to help plan bed allocation in a department of geriatric medicine. Health Care Management Science, 2002, 5, 307-312.	2.6	88
10	Improving hospital bed occupancy and resource utilization through queuing modeling and evolutionary computation. Journal of Biomedical Informatics, 2015, 53, 261-269.	4.3	72
11	Multicenter randomized controlled trial comparing the performance of 22 gauge versus 25 gauge EUSâ€“FNA needles in solid masses. Scandinavian Journal of Gastroenterology, 2013, 48, 877-883.	1.5	51
12	Evolutionary strategy to develop learning-based decision systems. Application to breast cancer and liver fibrosis stadialization. Journal of Biomedical Informatics, 2014, 49, 112-118.	4.3	48
13	Error-correction learning for artificial neural networks using the Bayesian paradigm. Application to automated medical diagnosis. Journal of Biomedical Informatics, 2014, 52, 329-337.	4.3	38
14	Power Doppler Endoscopic Ultrasonography for the Differential Diagnosis Between Pancreatic Cancer and Pseudotumoral Chronic Pancreatitis. Journal of Ultrasound in Medicine, 2006, 25, 363-372.	1.7	37
15	Intelligent decision-making for liver fibrosis stadialization based on tandem feature selection and evolutionary-driven neural network. Expert Systems With Applications, 2012, 39, 12824-12832.	7.6	37
16	Real-time sono-elastography in the diagnosis of diffuse liver diseases. World Journal of Gastroenterology, 2010, 16, 1720.	3.3	33
17	A hybrid neural network/genetic algorithm applied to breast cancer detection and recurrence. Expert Systems, 2013, 30, 243-254.	4.5	32
18	Clustering-based approach for detecting breast cancer recurrence. , 2010, , .		30

#	Article	IF	Citations
19	Learning a single-hidden layer feedforward neural network using a rank correlation-based strategy with application to high dimensional gene expression and proteomic spectra datasets in cancer detection. Journal of Biomedical Informatics, 2018, 83, 159-166.	4.3	30
20	Competitive/collaborative neural computing system for medical diagnosis in pancreatic cancer detection. Expert Systems, 2011, 28, 33-48.	4.5	25
21	Feature selection in Parkinson's disease: A rough sets approach. , 2009, , .		22
22	Boosting backpropagation algorithm by stimulus-sampling: Application in computer-aided medical diagnosis. Journal of Biomedical Informatics, 2016, 63, 74-81.	4.3	20
23	A hybrid genetic algorithm-queuing multi-compartment model for optimizing inpatient bed occupancy and associated costs. Artificial Intelligence in Medicine, 2016, 68, 59-69.	6.5	16
24	Length of Stay-Based Clustering Methods for Patient Grouping. Studies in Computational Intelligence, 2009, , 39-56.	0.9	15
25	A statistical framework for evaluating neural networks to predict recurrent events in breast cancer. International Journal of General Systems, 2010, 39, 471-488.	2.5	15
26	Hepatic arterial blood flow in large hepatocellular carcinoma with or without portal vein thrombosis: assessment by transcutaneous duplex Doppler sonography. European Journal of Gastroenterology and Hepatology, 2002, 14, 167-176.	1.6	14
27	Intelligent Decision Support Systemsâ€"A Journey to Smarter Healthcare. Intelligent Systems Reference Library, 2020, , .	1.2	11
28	Immunohistochemical assessment of proliferating cell nuclear antigen in primary hepatocellular carcinoma and dysplastic nodules. Journal of Cellular and Molecular Medicine, 2003, 7, 436-446.	3.6	9
29	Intelligent decision systems in Medicine â€" A short survey on medical diagnosis and patient management. , 2015, , .		9
30	Mining A Primary Biliary Cirrhosis Dataset Using Rough Sets and a Probabilistic Neural Network. , 2006, , .		8
31	Era of Intelligent Systems in Healthcare. Intelligent Systems Reference Library, 2020, , 1-55.	1.2	7
32	A Brief History of Intelligent Decision Support Systems. Intelligent Systems Reference Library, 2020, , 57-70.	1.2	6
33	A statistical evaluation of neural computing approaches to predict recurrent events in breast cancer. , 2008, , .		5
34	How Can Intelligent Decision Support Systems Help the Medical Research?. Intelligent Systems Reference Library, 2020, , 71-102.	1.2	5
35	Continuous-time Markov model for geriatric patients behavior. Optimization of the bed occupancy and computer simulation. Korean Journal of Computational and Applied Mathematics, 2002, 9, 185-195.	0.2	4
36	415i: Accuracy of Endoscopic Ultrasound Elastography Used for Differential Diagnosis of Chronic Pancreatitis and Pancreatic Cancer: A Multicentric Study. Gastrointestinal Endoscopy, 2010, 71, AB120.	1.0	4

#	Article	IF	Citations
37	Neural Network Analysis of Dynamic Sequences of EUS Elastography Used for the Differential Diagnosis of Chronic Pancreatitis and Pancreatic Cancer. Gastrointestinal Endoscopy, 2008, 67, AB97.	1.0	3
38	Patient grouping optimization using a hybrid self-organizing map and Gaussian mixture model for length of stay-based clustering system. , 2010, , .		2
39	Genetic Algorithms for Breast Cancer Diagnostics. , 2019, , 380-388.		2
40	Data Mining-Based Intelligent Decision Support Systems. Intelligent Systems Reference Library, 2020, , 103-258.	1.2	2
41	Analysis of Endoscopic Ultrasound Elastography Used for Characterization of Benign and Malignant Lymph Nodes. Gastrointestinal Endoscopy, 2006, 63, AB256.	1.0	1
42	Intelligent Decision Support Systems in Automated Medical Diagnosis. Intelligent Systems Reference Library, 2018, , 161-186.	1.2	1
43	Immunohistochemical markers of angiogenesis and Doppler tissue characterization in large hepatocellular carcinoma. Journal of Hepatology, 2002, 36, 219.	3.7	0
44	Dynamic Analysis of Endoscopic Ultrasound Elastography Used for the Differentiation of Chronic Pancreatitis and Pancreatic Cancer. Gastrointestinal Endoscopy, 2007, 65, AB194.	1.0	0