J VÃctor Marcos

List of Publications by Year
in descending order

20 papers	621 citations	933447 10 h-index	1125743 13 g-index
20 all docs	20 docs citations	20 times ranked	636 citing authors

#	Article	IF	Citations
1	Regularity analysis of nocturnal oximetry recordings to assist in the diagnosis of sleep apnoea syndrome. Medical Engineering and Physics, 2016, 38, 216-224.	1.7	6
2	Automated pollen identification using microscopic imaging and texture analysis. Micron, 2015, 68, 36-46.	2.2	66
3	ASSESSMENT OF FEATURE SELECTION AND CLASSIFICATION APPROACHES TO ENHANCE INFORMATION FROM OVERNIGHT OXIMETRY IN THE CONTEXT OF APNEA DIAGNOSIS. International Journal of Neural Systems, 2013, 23, 1350020.	5.2	55
4	Texture classification using discrete Tchebichef moments. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2013, 30, 1580.	1.5	32
5	Apnea-hypopnea index estimation from spectral analysis of airflow recordings. , 2012, 2012, 3444-7.		3
6	Feature selection from nocturnal oximetry using genetic algorithms to assist in obstructive sleep apnoea diagnosis. Medical Engineering and Physics, 2012, 34, 1049-1057.	1.7	45
7	Automated Prediction of the Apnea-Hypopnea Index from Nocturnal Oximetry Recordings. IEEE Transactions on Biomedical Engineering, 2012, 59, 141-149.	4.2	51
8	Analysis of nocturnal oxygen saturation recordings using kernel entropy to assist in sleep apnea-hypopnea diagnosis. , 2011, 2011, 1745-8.		8
9	Prospective evaluation of logistic regression models from overnight oximetry to assist in sleep apnea diagnosis. , 2011, , .		0
10	Automated detection of obstructive sleep apnoea syndrome from oxygen saturation recordings using linear discriminant analysis. Medical and Biological Engineering and Computing, 2010, 48, 895-902.	2.8	47
11	Multivariate Analysis of Blood Oxygen Saturation Recordings in Obstructive Sleep Apnea Diagnosis. IEEE Transactions on Biomedical Engineering, 2010, 57, 2816-2824.	4.2	101
12	Spectral analysis of single-channel airflow and oxygen saturation recordings in obstructive sleep apnea detection. , 2010, 2010, 847-50.		7
13	A classification algorithm based on spectral features from nocturnal oximetry and support vector machines to assist in the diagnosis of obstructive sleep apnea. , 2009, 2009, 5547-50.		2
14	Assessment of four statistical pattern recognition techniques to assist in obstructive sleep apnoea diagnosis from nocturnal oximetry. Medical Engineering and Physics, 2009, 31, 971-978.	1.7	61
15	Spectral analysis of electroencephalogram and oximetric signals in obstructive sleep apnea diagnosis. , 2009, 2009, 400-3.		47
16	Radial basis function classifiers to help in the diagnosis of the obstructive sleep apnoea syndrome from nocturnal oximetry. Medical and Biological Engineering and Computing, 2008, 46, 323-332.	2.8	34
17	Utility of multilayer perceptron neural network classifiers in the diagnosis of the obstructive sleep apnoea syndrome from nocturnal oximetry. Computer Methods and Programs in Biomedicine, 2008, 92, 79-89.	4.7	43
18	Single layer network classifiers to assist in the detection of obstructive sleep apnea syndrome from oximetry data. , 2008, 2008, 1651-4.		3

#	Article	IF	Citations
19	Obstructive Sleep Apnea Detection Using Clustering Classification of Nonlinear Features from Nocturnal Oximetry. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 1937-40.	0.5	4
20	Applying Neural Network Classifiers in the Diagnosis of the Obstructive Sleep Apnea Syndrome from Nocturnal Pulse Oximetric Recordings. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 5174-7.	0.5	6