

J VÃ-ctor Marcos

List of Publications by Year in descending order

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Version: 2024-02-01

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	Multivariate Analysis of Blood Oxygen Saturation Recordings in Obstructive Sleep Apnea Diagnosis. IEEE Transactions on Biomedical Engineering, 2010, 57, 2816-2824.	4.2	101
2	Automated pollen identification using microscopic imaging and texture analysis. Micron, 2015, 68, 36-46.	2.2	66
3	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
4	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
5	Automated Prediction of the Apnea-Hypopnea Index from Nocturnal Oximetry Recordings. IEEE Transactions on Biomedical Engineering, 2012, 59, 141-149.	4.2	51
6	Spectral analysis of electroencephalogram and oximetric signals in obstructive sleep apnea diagnosis. , 2009, 2009, 400-3.		47
7	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
8	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
9	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
10	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
11	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
12	Analysis of nocturnal oxygen saturation recordings using kernel entropy to assist in sleep apnea-hypopnea diagnosis. , 2011, 2011, 1745-8.		8
13	Spectral analysis of single-channel airflow and oxygen saturation recordings in obstructive sleep apnea detection. , 2010, 2010, 847-50.		7
14	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
15	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
16	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
17	Single layer network classifiers to assist in the detection of obstructive sleep apnea syndrome from oximetry data. , 2008, 2008, 1651-4.		3
18	Apnea-hypopnea index estimation from spectral analysis of airflow recordings. , 2012, 2012, 3444-7.		3

#	ARTICLE	IF	CITATIONS
19	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
20	Prospective evaluation of logistic regression models from overnight oximetry to assist in sleep apnea diagnosis. , 2011, , .		0