Antonio Horta Ribeiro

List of Publications by Year
in descending order

23 papers	19,405 citations	623734 14 h-index	677142 22 g-index
26 all docs	26 docs citations	26 times ranked	28939 citing authors

#	Article	IF	Citations
1	Automated multilabel diagnosis on electrocardiographic images and signals. Nature Communications, 2022, 13, 1583.	12.8	29
2	Generalized mixed spatio-temporal modeling: Random effect via factor analysis with nonlinear interaction for cluster detection. Spatial Statistics, 2021, 43, 100515.	1.9	1
3	Atrial fibrillation risk prediction from the 12-lead electrocardiogram using digital biomarkers and deep representation learning. European Heart Journal Digital Health, 2021, 2, 576-585.	1.7	28
4	Deep neural network-estimated electrocardiographic age as a mortality predictor. Nature Communications, 2021, 12, 5117.	12.8	77
5	Explaining End-to-End ECG Automated Diagnosis Using Contextual Features. Lecture Notes in Computer Science, 2021, , 204-219.	1.3	1
6	Electrocardiographic Predictors of Mortality: Data from a Primary Care Tele-Electrocardiography Cohort of Brazilian Patients. Hearts, 2021, 2, 449-458.	0.9	1
7	First Steps Towards Self-Supervised Pretraining of the 12-Lead ECG. , 2021, , .		5
8	On the smoothness of nonlinear system identification. Automatica, 2020, 121, 109158.	5.0	21
9	SciPy 1.0: fundamental algorithms for scientific computing in Python. Nature Methods, 2020, 17, 261-272.	19.0	17,539
10	Automatic diagnosis of the 12-lead ECG using a deep neural network. Nature Communications, 2020, 11, 1760.	12.8	351
11	Contextualized interpretable machine learning for medical diagnosis. Communications of the ACM, 2020, 63, 56-58.	4.5	9
12	Evaluation of Mortality in Atrial Fibrillation: Clinical Outcomes in Digital Electrocardiography (CODE) Study. Global Heart, 2020, 15, 48.	2.3	8
13	Evaluation of mortality in bundle branch block patients from an electronic cohort: Clinical Outcomes in Digital Electrocardiography (CODE) study. Journal of Electrocardiology, 2019, 57, S56-S60.	0.9	8
14	Tele-electrocardiography and bigdata: The CODE (Clinical Outcomes in Digital Electrocardiography) study. Journal of Electrocardiology, 2019, 57, S75-S78.	0.9	42
15	Implementing myocardial infarction systems of care in low/middle-income countries. Heart, 2019, 105, 20-26.	2.9	46
16	Lasso Regularization Paths for NARMAX Models via Coordinate Descent. , 2018, , .		3
17	â€œParallel Training Considered Harmful?â€ Comparing series-parallel and parallel feedforward network training. Neurocomputing, 2018, 316, 222-231.	5.9	9
18	Shooting Methods for Parameter Estimation of Output Error Models * *This work has been supported by the Brazilian agencies CAPES, CNPq and FAPEMIG.. IFAC-PapersOnLine, 2017, 50, 13998-14003.	0.9	4

#	Article	IF	Citations
19	Longitudinal study of patients with chronic Chagas cardiomyopathy in Brazil (SaMi-Trop project): a cohort profile. BMJ Open, 2016, 6, e011181.	1.9	44
20	Cardiovascular Health in Brazil. Circulation, 2016, 133, 422-433.	1.6	237
21	Selecting Transients Automatically for the Identification of Models for an Oil Well. IFAC-PapersOnLine, 2015, 48, 154-158.	0.9	4
22	Electrocardiographic Abnormalities in Elderly Chagas Disease Patients: 10â€Year Followâ€Up of the BambuÃ-Cohort Study of Aging. Journal of the American Heart Association, 2014, 3, e000632.	3.7	64
23	ImplantaÃ§Ã£o de um sistema de telecardiologia em Minas Gerais: projeto Minas Telecardio. Arquivos Brasileiros De Cardiologia, 2010, 95, 70-78.	0.8	31