Santiago Jimenez

List of Publications by Year
in descending order

19 papers	522 citations	6 h-index
20 all docs	20 docs citations	20 times ranked

1478458

1058452

14 g-index
1647 citing authors

#	Article	IF	Citations
1	Spread of a SARS-CoV-2 variant through Europe in the summer of 2020. Nature, 2021, 595, 707-712.	27.8	363
2	Initial Results of the MINDView PET Insert Inside the 3T mMR. IEEE Transactions on Radiation and Plasma Medical Sciences, 2019, 3, 343-351.	3.7	47
3	The first wave of the COVID-19 epidemic in Spain was associated with early introductions and fast spread of a dominating genetic variant. Nature Genetics, 2021, 53, 1405-1414.	21.4	35
4	Boosting theoretical zeolitic framework generation for the determination of new materials structures using GPU programming. Physical Chemistry Chemical Physics, 2011, 13, 4674.	2.8	17
5	Speedups between Ã—70 and Ã—120 for a Generic Local Search (Memetic) Algorithm on a Single GPGPU Chip. Lecture Notes in Computer Science, 2010, , 501-511.	1.3	14
6	Spectral analysis-based risk score enables early prediction of mortality and cerebral performance in patients undergoing therapeutic hypothermia for ventricular fibrillation and comatose status. International Journal of Cardiology, 2015, 186, 250-258.	1.7	9
7	hITeQ: A new workflow-based computing environment for streamlining discovery. Application in materials science. Catalysis Today, 2011, 159, 126-137.	4.4	6
8	Evolutionary and Phenotypic Characterization of Two Spike Mutations in European Lineage 20E of SARS-CoV-2. MBio, 2021, 12, e0231521.	4.1	6
9	Atrial location optimization by electrical measures for Electrocardiographic Imaging. Computers in Biology and Medicine, 2020, 127, 104031.	7.0	4
10	Complete Analysis of the Epidemiological Scenario around a SARS-CoV-2 Reinfection: Previous Infection Events and Subsequent Transmission. MSphere, 2021, 6, e0059621.	2.9	4
11	Generic Local Search (Memetic) Algorithm on a Single GPGPU Chip. Natural Computing Series, 2013, , 63-81.	2.2	4
12	From 12 to 1 ECG lead: multiple cardiac condition detection mixing a hybrid machine learning approach with a one-versus-rest classification strategy. Physiological Measurement, 2022, 43, 064003.	2.1	4
13	Exploiting Multiple ASR Outputs for a Spoken Language Understanding Task. Lecture Notes in Computer Science, 2013, , 138-145.	1.3	3
14	A Genomic Snapshot of the SARS-CoV-2 Pandemic in the Balearic Islands. Frontiers in Microbiology, 2021, 12, 803827.	3.5	3
15	Study of New Criteria Based on Eigenvalue Decomposition to Assist Arrhythmogenic Cardiomyopathy Diagnosis. , 0, , .		1
16	Biplanar breast PET: preliminary evaluation. , 2020, , .		1
17	Multiple Cardiac Disease Detection from Minimal-Lead ECG Combining Feedforward Neural Networks with a One-vs-Rest Approach. , 2021, , .		1
18	Comparison of General Purpose ECG Analyzers in Patients Implanted with a CRT Device.. , 0, , .		0

#	Article	IF	Citations
19	Dual-sided Mapping During Global Stretch Using a Custom Miniaturized Endocardial Balloon with a Multipurpose Multichannel Acquisition System for Preclinical Electrophysiological Studies. , 0, , .		0