

# Beatriz Chicote

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	End-tidal carbon dioxide (ETCO <sub>2</sub> ) and ventricular fibrillation amplitude spectral area (AMSA) for shock outcome prediction in out-of-hospital cardiac arrest. Are they two sides of the same coin?. Resuscitation, 2021, 160, 142-149.	1.3	10
2	Shock Decision Algorithms for Automated External Defibrillators Based on Convolutional Networks. IEEE Access, 2020, 8, 154746-154758.	2.6	8
3	Ventricular fibrillation amplitude spectral area and end-tidal carbon dioxide for shock success and ROSC prediction. Two sides of the same coin?. Resuscitation, 2019, 142, e7.	1.3	0
4	Deep learning approach for a shock advise algorithm using short electrocardiogram analysis intervals. Resuscitation, 2019, 142, e85.	1.3	6
5	Value of capnography to predict defibrillation success in out-of-hospital cardiac arrest. Resuscitation, 2019, 138, 74-81.	1.3	12
6	Abstract 124: A Machine-Learning Based Shock Advice Algorithm for Reliable Rhythm Diagnosis During Out-Of-Hospital Cardiac Arrest. Circulation, 2019, 140, .	1.6	0
7	Fuzzy and Sample Entropies as Predictors of Patient Survival Using Short Ventricular Fibrillation Recordings during out of Hospital Cardiac Arrest. Entropy, 2018, 20, 591.	1.1	16
8	Challenges for clinicians in ECG based retrospective resuscitation rhythm annotation. Resuscitation, 2017, 118, e48-e49.	1.3	0
9	Assessment of the diagnoses of automated external defibrillators operated by basic life support personnel. Resuscitation, 2017, 118, e1.	1.3	1
10	Analysis of the end-tidal CO <sub>2</sub> as shock outcome predictor in out-of-hospital cardiac arrest. Resuscitation, 2017, 118, e7.	1.3	0
11	Application of Entropy-Based Features to Predict Defibrillation Outcome in Cardiac Arrest. Entropy, 2016, 18, 313.	1.1	32
12	Circulation detection using the electrocardiogram and the thoracic impedance acquired by defibrillation pads. Resuscitation, 2016, 99, 56-62.	1.3	35
13	Difference in survival from pre-hospital cardiac arrest between cities and villages in the Basque Autonomous Community. Resuscitation, 2015, 96, 114.	1.3	3
14	Quality of chest compressions for EMT CPR in the Basque Autonomous Community. Resuscitation, 2015, 96, 71-72.	1.3	0
15	A method to measure ventilation rate during cardiopulmonary resuscitation using the capnogram. , 2015, , .		0
16	Accurate measurement of chest compression depth when CPR is performed on soft surfaces. Resuscitation, 2015, 96, 65.	1.3	0
17	Sample entropy as a shock outcome predictor during basis life support. , 2015, , .		1
18	Feasibility of compression depth estimation from the acceleration signal during cardiopulmonary resuscitation in long-distance trains. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
19	Alternatives to Estimate the Compression Depth from the Acceleration Signal during Cardiopulmonary Resuscitation. , 2015, , .		2
20	Changes in end tidal CO2 vs thoracic impedance for detecting restoration of spontaneous circulation. Resuscitation, 2015, 96, 6.	1.3	0
21	Accurate feedback of chest compression depth and rate on a manikin in a moving train. Resuscitation, 2015, 96, 13.	1.3	1
22	Estimation of the chest compression depth using an accelerometer positioned on the rescuer's back of the hand or forearm. Resuscitation, 2015, 96, 16.	1.3	2
23	Evolution of AMSA for shock success prediction during the pre-shock pause. Resuscitation, 2015, 96, 21-22.	1.3	1
24	Differences in AMSA based shock outcome prediction between shock success and hospital admission and discharge. Resuscitation, 2015, 96, 22.	1.3	0