

Salvador Benito

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37
papers

4,965
citations

15
h-index

37
g-index

37
ext. papers

5,785
ext. citations

8.2
avg, IF

4.14
L-index

#	Paper	IF	Citations
37	Successful organ donation for transplantation: Targeted actions in the emergency department. <i>American Journal of Transplantation</i> , 2019 , 19, 2960-2961	8.7	1
36	Assessment of respiratory flow cycle morphology in patients with chronic heart failure. <i>Medical and Biological Engineering and Computing</i> , 2017 , 55, 245-255	3.1	6
35	Evaluation of periodic breathing in respiratory flow signal of elderly patients using SVM and linear discriminant analysis. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2016 , 2016, 1274-1278	0.9	2
34	. <i>IEEE Systems Journal</i> , 2016 , 10, 1003-1013	4.3	7
33	Optimization techniques in respiratory control system models. <i>Applied Soft Computing Journal</i> , 2016 , 48, 431-443	7.5	6
32	Prognostic value and risk factors of delirium in emergency patients with decompensated heart failure. <i>Journal of the American Medical Directors Association</i> , 2015 , 16, 799.e1-6	5.9	14
31	Analysis of the breathing pattern in elderly patients using the Hurst exponent applied to the respiratory flow signal. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2014 , 2014, 3422-5	0.9	4
30	Sometimes, 20 years are many. <i>Intensive Care Medicine</i> , 2014 , 40, 1607-8	14.5	1
29	Characterization of the respiratory pattern variability of patients with different pressure support levels. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2013 , 2013, 3849-52	0.9	
28	SVM-based feature selection to optimize sensitivity-specificity balance applied to weaning. <i>Computers in Biology and Medicine</i> , 2013 , 43, 533-40	7	11
27	Study of the oscillatory breathing pattern in elderly patients. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2013 , 2013, 5228-31	0.9	4
26	Successful kidney transplantation from a brain-dead donor with ornithine transcarbamylase deficiency. <i>Transplantation</i> , 2013 , 96, e63-4	1.8	3
25	Organ donation and Rendu-Osler-Weber syndrome. <i>Transplantation</i> , 2013 , 95, e47-8	1.8	1
24	Performance of respiratory pattern parameters in classifiers for predict weaning process. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2012 , 2012, 4349-52	0.9	4
23	Analysis of roots in ARMA model for the classification of patients on weaning trials. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2012 , 2012, 698-701	0.9	
22	Recurrence quantification analysis of heart rate variability and respiratory flow series in patients on weaning trials. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2011 , 2011, 3724-7	0.9	15
21	Analysis of the respiratory pattern variability of patients in weaning process using autoregressive modeling techniques. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2011 , 2011, 5698-3	0.9	5

20	Patients on weaning trials classified with support vector machines. <i>Physiological Measurement</i> , 2010 , 31, 979-93	2.9	9
19	Spectral analysis of the RR series and the respiratory flow signal on patients in weaning process. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2010 , 2010, 2485-8	0.9	1
18	Data mining of patients on weaning trials from mechanical ventilation using cluster analysis and neural networks. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2009 , 2009, 4343-6	0.9	3
17	Time-frequency analysis of cardiac and respiratory parameters for the prediction of ventilator weaning. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2008 , 2008, 2793-6	0.9	9
16	Closed tracheal suction systems versus open tracheal suction systems for mechanically ventilated adult patients. <i>The Cochrane Library</i> , 2007 , CD004581	5.2	30
15	A randomized controlled trial comparing ligation and sclerotherapy as emergency endoscopic treatment added to somatostatin in acute variceal bleeding. <i>Journal of Hepatology</i> , 2006 , 45, 560-7	13.4	186
14	Short- and long-term outcomes of older patients in intermediate care units. <i>Intensive Care Medicine</i> , 2006 , 32, 1052-9	14.5	49
13	Incidence, risk factors and outcome of barotrauma in mechanically ventilated patients. <i>Intensive Care Medicine</i> , 2004 , 30, 612-9	14.5	142
12	Simplified Acute Physiology Score III: a project for a new multidimensional tool for evaluating intensive care unit performance. <i>Critical Care</i> , 2003 , 7, 345-6	10.8	5
11	Characteristics and outcomes in adult patients receiving mechanical ventilation: a 28-day international study. <i>JAMA - Journal of the American Medical Association</i> , 2002 , 287, 345-55	27.4	1057
10	Decelerating flow ventilation effects in acute respiratory failure. <i>Journal of Critical Care</i> , 1998 , 13, 21-5	4	22
9	Clinical characteristics, respiratory functional parameters, and outcome of a two-hour T-piece trial in patients weaning from mechanical ventilation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1998 , 158, 1855-62	10.2	310
8	A comparison of four methods of weaning patients from mechanical ventilation. Spanish Lung Failure Collaborative Group. <i>New England Journal of Medicine</i> , 1995 , 332, 345-50	59.2	1074
7	Noninvasive ventilation for acute exacerbations of chronic obstructive pulmonary disease. <i>New England Journal of Medicine</i> , 1995 , 333, 817-22	59.2	1438
6	Modes of mechanical ventilation and weaning. A national survey of Spanish hospitals. The Spanish Lung Failure Collaborative Group. <i>Chest</i> , 1994 , 106, 1188-93	5.3	291
5	Gentamicin volume of distribution in critically ill septic patients. <i>Intensive Care Medicine</i> , 1990 , 16, 303-6	14.5	104
4	P 0.1/PIMax: an index for assessing respiratory capacity in acute respiratory failure. <i>Intensive Care Medicine</i> , 1990 , 16, 175-9	14.5	43
3	Pulmonary pressure-volume relationship in acute respiratory distress syndrome in adults: Role of positive end expiratory pressure. <i>Journal of Critical Care</i> , 1990 , 5, 27-34	4	77

- 2 Simplified syringe procedures for the estimation of functional residual capacity. *Journal of Critical Care*, **1988**, 3, 180-189 4 11
- 1 Pulmonary compliance measurement in acute respiratory failure. *Critical Care Medicine*, **1985**, 13, 589-91^{1.4} 20