

Salvador Benito

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5426829/salvador-benito-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Noninvasive ventilation for acute exacerbations of chronic obstructive pulmonary disease. <i>New England Journal of Medicine</i> , 1995 , 333, 817-22	59.2	1438
36	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
35	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
34	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
33	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
32	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
31	Incidence, risk factors and outcome of barotrauma in mechanically ventilated patients. <i>Intensive Care Medicine</i> , 2004 , 30, 612-9	14.5	142
30	Gentamicin volume of distribution in critically ill septic patients. <i>Intensive Care Medicine</i> , 1990 , 16, 303-6	14.5	104
29	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
28	Short- and long-term outcomes of older patients in intermediate care units. <i>Intensive Care Medicine</i> , 2006 , 32, 1052-9	14.5	49
27	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
26	Closed tracheal suction systems versus open tracheal suction systems for mechanically ventilated adult patients. <i>The Cochrane Library</i> , 2007 , CD004581	5.2	30
25	Decelerating flow ventilation effects in acute respiratory failure. <i>Journal of Critical Care</i> , 1998 , 13, 21-5	4	22
24	Pulmonary compliance measurement in acute respiratory failure. <i>Critical Care Medicine</i> , 1985 , 13, 589-91	1.4	20
23	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, 2721-7	0.9	15
22	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
21	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

20	Simplified syringe procedures for the estimation of functional residual capacity. <i>Journal of Critical Care</i> , 1988 , 3, 180-189	4	11
19	Patients on weaning trials classified with support vector machines. <i>Physiological Measurement</i> , 2010 , 31, 979-93	2.9	9
18	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
17	. <i>IEEE Systems Journal</i> , 2016 , 10, 1003-1013	4.3	7
16	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
15	Optimization techniques in respiratory control system models. <i>Applied Soft Computing Journal</i> , 2016 , 48, 431-443	7.5	6
14	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, 5690-3	0.9	5
13	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
12	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
11	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
10	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
9	Successful kidney transplantation from a brain-dead donor with ornithine transcarbamylase deficiency. <i>Transplantation</i> , 2013 , 96, e63-4	1.8	3
8	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 , 4242-5	0.9	3
7	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, 4276-4279	0.9	2
6	Successful organ donation for transplantation: Targeted actions in the emergency department. <i>American Journal of Transplantation</i> , 2019 , 19, 2960-2961	8.7	1
5	Sometimes, 20 years are many. <i>Intensive Care Medicine</i> , 2014 , 40, 1607-8	14.5	1
4	Organ donation and Rendu-Osler-Weber syndrome. <i>Transplantation</i> , 2013 , 95, e47-8	1.8	1
3	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

- | | | |
|---|---|-----|
| 2 | 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, 2013</i> , 2013, 3849-52 | 0.9 |
| 1 | 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, 2012</i> , 2012, 698-701 | 0.9 |