

Davide Colombo

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,483
citations

331259

21
h-index

414034

32
g-index

37
all docs

37
docs citations

37
times ranked

1503
citing authors

#	ARTICLE	IF	CITATIONS
1	Physiologic response to varying levels of pressure support and neurally adjusted ventilatory assist in patients with acute respiratory failure. <i>Intensive Care Medicine</i> , 2008, 34, 2010-8.	3.9	199
2	Efficacy of ventilator waveform observation in detecting patientâ€“ventilator asynchrony*. <i>Critical Care Medicine</i> , 2011, 39, 2452-2457.	0.4	192
3	Effects of Propofol on Patient-Ventilator Synchrony and Interaction During Pressure Support Ventilation and Neurally Adjusted Ventilatory Assist*. <i>Critical Care Medicine</i> , 2014, 42, 74-82.	0.4	114
4	An automated and standardized neural index to quantify patient-ventilator interaction. <i>Critical Care</i> , 2013, 17, R239.	2.5	88
5	Noninvasive ventilation through a helmet in postextubation hypoxemic patients: physiologic comparison between neurally adjusted ventilatory assist and pressure support ventilation. <i>Intensive Care Medicine</i> , 2011, 37, 1943-1950.	3.9	76
6	Virtual reality and live simulation. <i>European Journal of Emergency Medicine</i> , 2015, 22, 121-127.	0.5	67
7	Serum levels of osteopontin are increased in SIRS and sepsis. <i>Intensive Care Medicine</i> , 2008, 34, 2176-2184.	3.9	60
8	Noninvasive ventilation after early extubation in patients recovering from hypoxemic acute respiratory failure: a single-centre feasibility study. <i>Intensive Care Medicine</i> , 2012, 38, 1599-1606.	3.9	60
9	Outcomes of COVID-19 patients treated with continuous positive airway pressure outside the intensive care unit. <i>ERJ Open Research</i> , 2021, 7, 00541-2020.	1.1	52
10	Diaphragmatic Ultrasound Assessment in Subjects With Acute Hypercapnic Respiratory Failure Admitted to the Emergency Department. <i>Respiratory Care</i> , 2019, 64, 1469-1477.	0.8	51
11	Neurally Adjusted Ventilatory Assist in Preterm Neonates with Acute Respiratory Failure. <i>Neonatology</i> , 2015, 107, 60-67.	0.9	49
12	Health-related quality of life profiles, trajectories, persistent symptoms and pulmonary function one year after ICU discharge in invasively ventilated COVID-19 patients, a prospective follow-up study. <i>Respiratory Medicine</i> , 2021, 189, 106665.	1.3	46
13	Utstein-Style Template for Uniform Data Reporting of Acute Medical Response in Disasters. <i>PLOS Currents</i> , 2012, 4, e4f6cf3e8df15a.	1.4	45
14	Disaster medicine through Google Glass. <i>European Journal of Emergency Medicine</i> , 2015, 22, 222-225.	0.5	43
15	Efficacy of ventilator waveform observation for detection of patientâ€“ventilator asynchrony during NIV: a multicentre study. <i>ERJ Open Research</i> , 2017, 3, 00075-2017.	1.1	42
16	Quality of life of COVID-19 critically ill survivors after ICU discharge: 90Â“days follow-up. <i>Quality of Life Research</i> , 2021, 30, 2805-2817.	1.5	42
17	New Setting of Neurally Adjusted Ventilatory Assist during Noninvasive Ventilation through a Helmet. <i>Anesthesiology</i> , 2016, 125, 1181-1189.	1.3	41
18	Evaluation of Medical Management During a Mass Casualty Incident Exercise: An Objective Assessment Tool to Enhance Direct Observation. <i>Journal of Emergency Medicine</i> , 2010, 39, 629-636.	0.3	37

#	ARTICLE	IF	CITATIONS
19	Influence of lung collapse distribution on the physiologic response to recruitment maneuvers during noninvasive continuous positive airway pressure. <i>Intensive Care Medicine</i> , 2011, 37, 1095-1102.	3.9	28
20	Predictors of intubation in COVID-19 patients treated with out-of-ICU continuous positive airway pressure. <i>Pulmonology</i> , 2022, 28, 173-180.	1.0	26
21	Data collection in a live mass casualty incident simulation. <i>European Journal of Emergency Medicine</i> , 2012, 19, 35-39.	0.5	24
22	Sigh maneuver to enhance assessment of fluid responsiveness during pressure support ventilation. <i>Critical Care</i> , 2019, 23, 31.	2.5	16
23	Patient-ventilator asynchrony affects pulse pressure variation prediction of fluid responsiveness. <i>Journal of Critical Care</i> , 2015, 30, 1067-1071.	1.0	14
24	A Simple Graphical Method for Quantification of Disaster Management Surge Capacity Using Computer Simulation and Process-control Tools. <i>Prehospital and Disaster Medicine</i> , 2015, 30, 9-15.	0.7	14
25	Cardiac cycle efficiency and diastolic pressure variations. <i>European Journal of Anaesthesiology</i> , 2017, 34, 755-763.	0.7	11
26	Wearable Proximity Sensors for Monitoring a Mass Casualty Incident Exercise: Feasibility Study. <i>Journal of Medical Internet Research</i> , 2019, 21, e12251.	2.1	11
27	Virtual Laboratory and Imaging. <i>European Journal of Emergency Medicine</i> , 2016, 25, 1.	0.5	9
28	Early extubation with immediate non-invasive ventilation versus standard weaning in intubated patients for coronavirus disease 2019: a retrospective multicenter study. <i>Scientific Reports</i> , 2021, 11, 13418.	1.6	9
29	Natural history and risk stratification of patients undergoing non-invasive ventilation in a non-ICU setting for severe COPD exacerbations. <i>Internal and Emergency Medicine</i> , 2016, 11, 969-975.	1.0	7
30	An Island-Wide Disaster Drill to Train the Next Generation of Anesthesiologists: The SIAARTI Academy Experience. <i>Disaster Medicine and Public Health Preparedness</i> , 2020, , 1-4.	0.7	5
31	Neurally adjusted ventilatory assist. , 2012, , 116-123.		2
32	Logistic Red Flags in Mass-Casualty Incidents and Disasters: A Problem-Based Approach. <i>Prehospital and Disaster Medicine</i> , 2022, 37, 197-204.	0.7	2
33	Overtriage and undertriage in a prehospital system over 7 years. <i>Critical Care</i> , 2013, 17, .	2.5	1
34	The European DORIS downstream service as a multi-scale system for landslides and subsidence risk management. , 2013, , .		0
35	A new setting to improve noninvasive neurally adjusted ventilatory assist by helmet. <i>Critical Care</i> , 2014, 18, .	2.5	0
36	The Noninvasive Invasion*. <i>Critical Care Medicine</i> , 2015, 43, 1534-1535.	0.4	0

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37	Looking for the Grail, Finding Traces on the Way*. Critical Care Medicine, 2016, 44, 1237-1238.	0.4	0