

Jaume Mesquida

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

826
citations

471371

17
h-index

501076

28
g-index

42
all docs

42
docs citations

42
times ranked

677
citing authors

#	ARTICLE	IF	CITATIONS
1	VASCOVID: hybrid diffuse optical platform combined with a pulse-oximeter and an automatized inflatable tourniquet for the assessment of metabolism and endothelial health in the intensive care. , 2022, , .		0
2	Evaluating the Endothelial Impairments in COVID-19 Patients Using Near-Infrared Spectroscopy: the HEMOCOVID-19 trial. , 2022, , .		0
3	Non-invasive tools for guiding hemodynamic resuscitation in septic shock: the perfusion vs metabolic issue. Journal of Clinical Monitoring and Computing, 2021, 35, 431-433.	0.7	0
4	Hemodynamic support in septic shock. Current Opinion in Anaesthesiology, 2021, 34, 99-106.	0.9	12
5	Clinical risk factors for early mortality in patients with community-acquired septic shock. The importance of adequate source control. Medicina Intensiva, 2021, 45, 541-551.	0.4	4
6	Performance Assessment of a Commercial Continuous-Wave Near-Infrared Spectroscopy Tissue Oximeter for Suitability for Use in an International, Multi-Center Clinical Trial. Sensors, 2021, 21, 6957.	2.1	10
7	Peripheral microcirculatory alterations are associated with the severity of acute respiratory distress syndrome in COVID-19 patients admitted to intermediate respiratory and intensive care units. Critical Care, 2021, 25, 381.	2.5	23
8	Clinical risk factors for early mortality in patients with community-acquired septic shock. The importance of adequate source control. Medicina Intensiva (English Edition), 2021, 45, 541-551.	0.1	0
9	Thenar oxygen saturation (StO ₂) alterations during a spontaneous breathing trial predict extubation failure. Annals of Intensive Care, 2020, 10, 54.	2.2	12
10	In response: Blood CO ₂ exchange monitoring, Haldane effect and other calculations in sepsis and critical illness. Journal of Clinical Monitoring and Computing, 2019, 33, 359-360.	0.7	0
11	Central venous-to-arterial carbon dioxide difference combined with arterial-to-venous oxygen content difference (PcvaCO ₂ /CavO ₂) reflects microcirculatory oxygenation alterations in early septic shock. Journal of Critical Care, 2019, 53, 162-168.	1.0	7
12	Trends in the incidence and mortality of patients with community-acquired septic shock 2003â€“2016. Journal of Critical Care, 2019, 53, 46-52.	1.0	7
13	Respiratory quotient estimations as additional prognostic tools in early septic shock. Journal of Clinical Monitoring and Computing, 2018, 32, 1065-1072.	0.7	13
14	Nursing workload and compliance with nonâ€“pharmacological measures to prevent ventilatorâ€“associated pneumonia: a multicentre study. Nursing in Critical Care, 2018, 23, 291-298.	1.1	10
15	Massive coronary air embolism after CT-guided lung needle biopsy. Intensive Care Medicine, 2018, 44, 1748-1749.	3.9	7
16	Microcirculatory monitoring in septic patients: Where do we stand?. Medicina Intensiva, 2017, 41, 44-52.	0.4	19
17	Microcirculatory monitoring in septic patients: Where do we stand?. Medicina Intensiva (English) Tj ETQq1 1 0.784314 rgBT /Overlock	0.1	0
18	Passive leg raising for assessment of volume responsiveness: a review. Current Opinion in Critical Care, 2017, 23, 237-243.	1.6	29

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19	In response to: "Understanding elevated Pv-aCO ₂ gap and Pv-aCO ₂ /Ca-vO ₂ ratio in venous hyperoxia condition". Journal of Clinical Monitoring and Computing, 2017, 31, 1325-1327.	0.7	5
20	Carga de trabajo y cumplimiento por parte de las enfermeras de las medidas no farmacológicas para la prevención de la neumonía asociada a la ventilación mecánica. Estudio piloto. Enfermería Intensiva, 2017, 28, 178-186.	0.6	7
21	Central venous-to-arterial carbon dioxide difference and the effect of venous hyperoxia: A limiting factor, or an additional marker of severity in shock?. Journal of Clinical Monitoring and Computing, 2017, 31, 1203-1211.	0.7	21
22	Fluid therapy and the hypovolemic microcirculation. Current Opinion in Critical Care, 2015, 21, 276-284.	1.6	29
23	Evaluating tissue oxygenation at the bedside: global, regional, or both?. Journal of Clinical Monitoring and Computing, 2015, 29, 431-433.	0.7	8
24	Central venous-to-arterial carbon dioxide difference combined with arterial-to-venous oxygen content difference is associated with lactate evolution in the hemodynamic resuscitation process in early septic shock. Critical Care, 2015, 19, 126.	2.5	80
25	Thenar oxygen saturation during weaning from mechanical ventilation: an observational study. European Respiratory Journal, 2014, 43, 213-220.	3.1	25
26	Hemodynamic monitoring in the critically patient. Recommendations of the Cardiological Intensive Care and CPR Working Group of the Spanish Society of Intensive Care and Coronary Units. Medicina Intensiva (English Edition), 2014, 38, 154-169.	0.1	8
27	Near-infrared spectroscopy StO ₂ monitoring to assess the therapeutic effect of drotrecogin alfa (activated) on microcirculation in patients with severe sepsis or septic shock. Annals of Intensive Care, 2013, 3, 30.	2.2	13
28	Skeletal Muscle Oxygen Saturation (StO ₂) Measured by Near-Infrared Spectroscopy in the Critically Ill Patients. BioMed Research International, 2013, 2013, 1-8.	0.9	51
29	Fluid optimization strategies in critical care patients. OA Critical Care, 2013, 1, .	0.6	1
30	Prehospital dynamic tissue oxygen saturation response predicts in-hospital lifesaving interventions in trauma patients. Journal of Trauma, 2012, 72, 930-935.	2.3	37
31	Physiologic responses to severe hemorrhagic shock and the genesis of cardiovascular collapse: Can irreversibility be anticipated?. Journal of Surgical Research, 2012, 178, 358-369.	0.8	27
32	Prognostic implications of tissue oxygen saturation in human septic shock. Intensive Care Medicine, 2012, 38, 592-597.	3.9	53
33	Effect of tidal volume, intrathoracic pressure, and cardiac contractility on variations in pulse pressure, stroke volume, and intrathoracic blood volume. , 2012, , 255-262.		2
34	Objectives of hemodynamic resuscitation. Medicina Intensiva (English Edition), 2011, 35, 499-508.	0.1	5
35	Thenar Oxygen Saturation and Invasive Oxygen Delivery Measurements in Critically Ill Patients in Early Septic Shock. Shock, 2011, 35, 456-459.	1.0	24
36	Effect of tidal volume, intrathoracic pressure, and cardiac contractility on variations in pulse pressure, stroke volume, and intrathoracic blood volume. Intensive Care Medicine, 2011, 37, 1672-9.	3.9	77

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37	Thenar oxygen saturation measured by near infrared spectroscopy as a noninvasive predictor of low central venous oxygen saturation in septic patients. <i>Intensive Care Medicine</i> , 2009, 35, 1106-1109.	3.9	52
38	Characterization of tissue oxygen saturation and the vascular occlusion test: influence of measurement sites, probe sizes and deflation thresholds. <i>Critical Care</i> , 2009, 13, S3.	2.5	77