

Abele Donati

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

4,421
citations

172386

29
h-index

106281

65
g-index

75
all docs

75
docs citations

75
times ranked

4849
citing authors

#	ARTICLE	IF	CITATIONS
1	Airway Ultrasound as Predictor of Difficult Direct Laryngoscopy: A Systematic Review and Meta-analysis. <i>Anesthesia and Analgesia</i> , 2022, 134, 740-750.	1.1	38
2	Effect of Whey Proteins on Malnutrition and Extubating Time of Critically Ill COVID-19 Patients. <i>Nutrients</i> , 2022, 14, 437.	1.7	6
3	Effects of Normoxia, Hyperoxia, and Mild Hypoxia on Macro-Hemodynamics and the Skeletal Muscle Microcirculation in Anesthetised Rats. <i>Frontiers in Medicine</i> , 2021, 8, 672257.	1.2	5
4	Good clinical practice for the use of vasopressor and inotropic drugs in critically ill patients: state-of-the-art and expert consensus. <i>Minerva Anestesiologica</i> , 2021, 87, 714-732.	0.6	5
5	Rationale for Polyclonal Intravenous Immunoglobulin Adjunctive Therapy in COVID-19 Patients: Report of a Structured Multidisciplinary Consensus. <i>Journal of Clinical Medicine</i> , 2021, 10, 3500.	1.0	4
6	Mid-Regional Proadrenomedullin (MR-proADM) and Microcirculation in Monitoring Organ Dysfunction of Critical Care Patients With Infection: A Prospective Observational Pilot Study. <i>Frontiers in Medicine</i> , 2021, 8, 680244.	1.2	2
7	Changes in Cytokines, Haemodynamics and Microcirculation in Patients with Sepsis/Septic Shock Undergoing Continuous Renal Replacement Therapy and Blood Purification with CytoSorb. <i>Blood Purification</i> , 2020, 49, 107-113.	0.9	62
8	Response to the Letter: Comment on "Effects of short-term hyperoxia on systemic hemodynamics, oxygen transport, and microcirculation: An observational study in patients with septic shock and healthy volunteers". <i>Journal of Critical Care</i> , 2020, 56, 316-317.	1.0	0
9	Sublingual microcirculation in patients with SARS-CoV-2 undergoing veno-venous extracorporeal membrane oxygenation. <i>Microvascular Research</i> , 2020, 132, 104064.	1.1	17
10	Variation in the Outcome of Norepinephrine-Dependent Septic Patients After the Institution of a Patient-Tailored Therapy Protocol in an Italian Intensive Care Unit: Retrospective Observational Study. <i>Frontiers in Medicine</i> , 2020, 7, 592282.	1.2	0
11	Procedural sedation for direct current cardioversion: a feasibility study between two management strategies in the emergency department. <i>BMC Cardiovascular Disorders</i> , 2020, 20, 388.	0.7	10
12	Automated Algorithm Analysis of Sublingual Microcirculation in an International Multicentral Database Identifies Alterations Associated With Disease and Mechanism of Resuscitation. <i>Critical Care Medicine</i> , 2020, 48, e864-e875.	0.4	35
13	Multi-centre, three arm, randomized controlled trial on the use of methylprednisolone and unfractionated heparin in critically ill ventilated patients with pneumonia from SARS-CoV-2 infection: A structured summary of a study protocol for a randomised controlled trial. <i>Trials</i> , 2020, 21, 724.	0.7	16
14	Prolonged prone position ventilation for SARS-CoV-2 patients is feasible and effective. <i>Critical Care</i> , 2020, 24, 225.	2.5	87
15	Relationship between norepinephrine dose, tachycardia and outcome in septic shock: A multicentre evaluation. <i>Journal of Critical Care</i> , 2020, 57, 185-190.	1.0	30
16	A proposal for a comprehensive approach to infections across the surgical pathway. <i>World Journal of Emergency Surgery</i> , 2020, 15, 13.	2.1	15
17	Estimated oxygen extraction versus dynamic parameters of fluid-responsiveness for perioperative hemodynamic optimization of patients undergoing non-cardiac surgery: a non-inferiority randomized controlled trial. <i>BMC Anesthesiology</i> , 2020, 20, 87.	0.7	1
18	Microvascular alterations in patients with SARS-COV-2 severe pneumonia. <i>Annals of Intensive Care</i> , 2020, 10, 60.	2.2	39

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19	Comment on “Respiratory mechanics and gas exchanges in the early course of COVID-19 ARDS: a hypothesis-generating study” Annals of Intensive Care, 2020, 10, 147.	2.2	1
20	Evaluation of the Microcirculation in Critically Ill Patients. , 2020, , 373-388.		0
21	Acute Kidney Injury and Fluid Resuscitation in Septic Patients: Are We Protecting the Kidney?. Nephron, 2019, 143, 170-173.	0.9	37
22	Association between sublingual microcirculation, tissue perfusion and organ failure in major trauma: A subgroup analysis of a prospective observational study. PLoS ONE, 2019, 14, e0213085.	1.1	22
23	IgM-enriched immunoglobulins (Pentaglobin) may improve the microcirculation in sepsis: a pilot randomized trial. Annals of Intensive Care, 2019, 9, 135.	2.2	20
24	Tissue oxygen saturation changes and postoperative complications in cardiac surgery: a prospective observational study. BMC Anesthesiology, 2019, 19, 229.	0.7	7
25	Changes in the sublingual microcirculation following aortic surgery under balanced or total intravenous anaesthesia: a prospective observational study. BMC Anesthesiology, 2019, 19, 1.	0.7	43
26	Second consensus on the assessment of sublingual microcirculation in critically ill patients: results from a task force of the European Society of Intensive Care Medicine. Intensive Care Medicine, 2018, 44, 281-299.	3.9	305
27	Oxygen in the critically ill. Current Opinion in Anaesthesiology, 2018, 31, 129-135.	0.9	93
28	MicroDAIMON study: Microcirculatory DAILY MONitoring in critically ill patients: a prospective observational study. Annals of Intensive Care, 2018, 8, 64.	2.2	45
29	Effects of short-term hyperoxia on erythropoietin levels and microcirculation in critically ill patients: a prospective observational pilot study. BMC Anesthesiology, 2017, 17, 49.	0.7	27
30	Impact of microcirculatory video quality on the evaluation of sublingual microcirculation in critically ill patients. Journal of Clinical Monitoring and Computing, 2017, 31, 981-988.	0.7	20
31	Ability and efficiency of an automatic analysis software to measure microvascular parameters. Journal of Clinical Monitoring and Computing, 2017, 31, 669-676.	0.7	28
32	Mildly elevated lactate levels are associated with microcirculatory flow abnormalities and increased mortality: a microSOAP post hoc analysis. Critical Care, 2017, 21, 255.	2.5	29
33	The role of cardiac dysfunction in multiorgan dysfunction. Current Opinion in Anaesthesiology, 2016, 29, 172-177.	0.9	8
34	Comparison Between Doppler-Echocardiography and Uncalibrated Pulse Contour Method for Cardiac Output Measurement: A Multicenter Observational Study*. Critical Care Medicine, 2016, 44, 1370-1379.	0.4	41
35	Effect of Conservative vs Conventional Oxygen Therapy on Mortality Among Patients in an Intensive Care Unit. JAMA - Journal of the American Medical Association, 2016, 316, 1583.	3.8	523
36	Near-infrared spectroscopy for assessing tissue oxygenation and microvascular reactivity in critically ill patients: a prospective observational study. Critical Care, 2016, 20, 311.	2.5	30

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37	Exploring alternative routes for oxygen administration. <i>Intensive Care Medicine Experimental</i> , 2016, 4, 34.	0.9	4
38	Effects of the Infusion of 4% or 20% Human Serum Albumin on the Skeletal Muscle Microcirculation in Endotoxemic Rats. <i>PLoS ONE</i> , 2016, 11, e0151005.	1.1	17
39	Intravenous immunoglobulin in septic shock: review of the mechanisms of action and meta-analysis of the clinical effectiveness. <i>Minerva Anestesiologica</i> , 2016, 82, 559-72.	0.6	47
40	Sidestream dark field videomicroscopy for <i>in vivo</i> evaluation of vascularization and perfusion of mammary tumours in HER2/neu transgenic mice. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015, 42, 225-229.	0.9	4
41	Plasma Free Hemoglobin and Microcirculatory Response to Fresh or Old Blood Transfusions in Sepsis. <i>PLoS ONE</i> , 2015, 10, e0122655.	1.1	54
42	International Study on Microcirculatory Shock Occurrence in Acutely Ill Patients*. <i>Critical Care Medicine</i> , 2015, 43, 48-56.	0.4	122
43	Antiangiogenic and antitumor activities of berberine derivative NAX014 compound in a transgenic murine model of HER2/neu-positive mammary carcinoma. <i>Carcinogenesis</i> , 2015, 36, 1169-1179.	1.3	44
44	Effect of Performance Improvement Programs on Compliance with Sepsis Bundles and Mortality: A Systematic Review and Meta-Analysis of Observational Studies. <i>PLoS ONE</i> , 2015, 10, e0125827.	1.1	188
45	Fluid responsiveness in critically ill patients. <i>Indian Journal of Critical Care Medicine</i> , 2015, 19, 375-376.	0.3	8
46	Arterial hyperoxia and mortality in critically ill patients: a systematic review and meta-analysis. <i>Critical Care</i> , 2014, 18, 711.	2.5	244
47	Pain and discomfort management during central venous catheter insertion. <i>Indian Journal of Critical Care Medicine</i> , 2014, 18, 417-418.	0.3	12
48	Thermodilution vs pressure recording analytical method in hemodynamic stabilized patients. <i>Journal of Critical Care</i> , 2014, 29, 260-264.	1.0	18
49	Microcirculatory effects of the transfusion of leukodepleted or non-leukodepleted red blood cells in patients with sepsis: a pilot study. <i>Critical Care</i> , 2014, 18, R33.	2.5	68
50	Glycaemic variability, infections and mortality in a medical-surgical intensive care unit. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2014, 16, 13-23.	0.0	13
51	Endotoxin activity levels as a prediction tool for risk of deterioration in patients with sepsis not admitted to the intensive care unit: A pilot observational study. <i>Journal of Critical Care</i> , 2013, 28, 612-617.	1.0	9
52	The aPC treatment improves microcirculation in severe sepsis/septic shock syndrome. <i>BMC Anesthesiology</i> , 2013, 13, 25.	0.7	41
53	Towards integrative physiological monitoring of the critically ill: from cardiovascular to microcirculatory and cellular function monitoring at the bedside. <i>Critical Care</i> , 2013, 17, S5.	2.5	26
54	Alteration of the sublingual microvascular glycocalyx in critically ill patients. <i>Microvascular Research</i> , 2013, 90, 86-89.	1.1	264

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55	Microvascular Effects of Heart Rate Control With Esmolol in Patients With Septic Shock. <i>Critical Care Medicine</i> , 2013, 41, 2162-2168.	0.4	98
56	A Rare Case of Central Venous Catheter Malpositioning in Polytraumatic Patient Not Recognized by Chest X-Ray. <i>Journal of Vascular Access</i> , 2013, 14, 97-98.	0.5	6
57	From Macrohemodynamic to the Microcirculation. <i>Critical Care Research and Practice</i> , 2013, 2013, 1-8.	0.4	61
58	Study Design of the Microcirculatory Shock Occurrence in Acutely Ill Patients (microSOAP): an International Multicenter Observational Study of Sublingual Microcirculatory Alterations in Intensive Care Patients. <i>Critical Care Research and Practice</i> , 2012, 2012, 1-7.	0.4	9
59	Effects of vasopressinergic receptor agonists on sublingual microcirculation in norepinephrine-dependent septic shock. <i>Critical Care</i> , 2011, 15, R217.	2.5	41
60	Short-term effects of terlipressin bolus infusion on sublingual microcirculatory blood flow during septic shock. <i>Intensive Care Medicine</i> , 2011, 37, 963-969.	3.9	28
61	Disorder of osmoregulation as a new pathogenetic mechanism of septic shock?*. <i>Critical Care Medicine</i> , 2010, 38, 2068-2069.	0.4	2
62	Methylene blue as the future protecting agent for ischemic brain injury?*. <i>Critical Care Medicine</i> , 2010, 38, 2265-2266.	0.4	1
63	Desflurane Versus Sevoflurane to Reduce Blood Loss in Maxillofacial Surgery. <i>Journal of Oral and Maxillofacial Surgery</i> , 2010, 68, 1007-1012.	0.5	20
64	Levosimendan for resuscitating the microcirculation in patients with septic shock: a randomized controlled study. <i>Critical Care</i> , 2010, 14, R232.	2.5	132
65	Early Use of Polymyxin B Hemoperfusion in Abdominal Septic Shock. <i>JAMA - Journal of the American Medical Association</i> , 2009, 301, 2445.	3.8	682
66	Recombinant activated protein C treatment improves tissue perfusion and oxygenation in septic patients measured by near-infrared spectroscopy. <i>Critical Care</i> , 2009, 13, S12.	2.5	28
67	The Impact of a Clinical Information System in an Intensive Care Unit. <i>Journal of Clinical Monitoring and Computing</i> , 2008, 22, 31-36.	0.7	36
68	Using Intraoperative Goal-Directed Hemodynamic Management Shows Dobutamine To Be Effective in Maintaining Central Venous Oxygen Saturation: Response. <i>Chest</i> , 2008, 134, 216.	0.4	0
69	Corticosteroids and septic shock: A new episode of a never-ceasing story?*. <i>Critical Care Medicine</i> , 2008, 36, 1658-1659.	0.4	0
70	Goal-Directed Intraoperative Therapy Reduces Morbidity and Length of Hospital Stay in High-Risk Surgical Patients. <i>Chest</i> , 2007, 132, 1817-1824.	0.4	289
71	Methylene blue: An old-timer or a compound ready for revival?*. <i>Critical Care Medicine</i> , 2006, 34, 2862-2863.	0.4	17
72	About Global Volume-Related Hemodynamic Variables and Outcome. <i>Critical Care Medicine</i> , 2006, 34, 1585.	0.4	0

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73	A Comparison Among Portal Lactate, Intramucosal Sigmoid pH, and $\hat{P}CO_2$ (Paco2 \hat{P} Regional Pco2) as Indices of Complications in Patients Undergoing Abdominal Aortic Aneurysm Surgery. <i>Anesthesia and Analgesia</i> , 2004, 99, 1024-1031.	1.1	22
74	Initial distribution volume of glucose as noninvasive indicator of cardiac preload: comparison with intrathoracic blood volume. <i>Intensive Care Medicine</i> , 2004, 30, 2067-2073.	3.9	9
75	Does methylene blue administration to septic shock patients affect vascular permeability and blood volume?. <i>Critical Care Medicine</i> , 2002, 30, 2271-2277.	0.4	106