Flavia R Machado

List of Publications by Year
in descending order

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77 papers	27,320 citations	136950 32 h-index	79698 73 g-index
81 all docs	81 docs citations	81 times ranked	23450 citing authors

#	Article	IF	Citations
1	Surviving Sepsis Campaign. Critical Care Medicine, 2013, 41, 580-637.	0.9	6,362
2	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock: 2016. Intensive Care Medicine, 2017, 43, 304-377.	8.2	4,590
3	Surviving Sepsis Campaign: International Guidelines for Management of Severe Sepsis and Septic Shock, 2012. Intensive Care Medicine, 2013, 39, 165-228.	8.2	3,906
4	Global, regional, and national sepsis incidence and mortality, 1990â€“2017: analysis for the Global Burden of Disease Study. Lancet, The, 2020, 395, 200-211.	13.7	3,119
5	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock: 2016. Critical Care Medicine, 2017, 45, 486-552.	0.9	2,336
6	Surviving sepsis campaign: international guidelines for management of sepsis and septic shock 2021. Intensive Care Medicine, 2021, 47, 1181-1247.	8.2	1,503
7	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock 2021. Critical Care Medicine, 2021, 49, e1063-e1143.	0.9	927
8	Sepsis: a roadmap for future research. Lancet Infectious Diseases, The, 2015, 15, 581-614.	9.1	827
9	Recognizing Sepsis as a Global Health Priority â€" A WHO Resolution. New England Journal of Medicine, 2017, 377, 414-417.	27.0	799
10	The Surviving Sepsis Campaign bundles and outcome: results from the International Multicentre Prevalence Study on Sepsis (the IMPreSS study). Intensive Care Medicine, 2015, 41, 1620-1628.	8.2	323
11	Azithromycin in addition to standard of care versus standard of care alone in the treatment of patients admitted to the hospital with severe COVID-19 in Brazil (COALITION II): a randomised clinical trial. Lancet, The, 2020, 396, 959-967.	13.7	278
12	The epidemiology of sepsis in Brazilian intensive care units (the Sepsis PREvalence Assessment) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	9.1	211
13	Effect of a Quality Improvement Intervention With Daily Round Checklists, Goal Setting, and Clinician Prompting on Mortality of Critically Ill Patients. JAMA - Journal of the American Medical Association, 2016, 315, 1480.	7.4	133
14	Positive fluid balance as a prognostic factor for mortality and acute kidney injury in severe sepsis and septic shock. Journal of Critical Care, 2015, 30, 97-101.	2.2	124
15	Implementation of a multifaceted sepsis education program in an emerging country setting: clinical outcomes and cost-effectiveness in a long-term follow-up study. Intensive Care Medicine, 2014, 40, 182-191.	8.2	102
16	TLR2, TLR4, CD14, CD11B, AND CD11C EXPRESSIONS ON MONOCYTES SURFACE AND CYTOKINE PRODUCTION IN PATIENTS WITH SEPSIS, SEVERE SEPSIS, AND SEPTIC SHOCK. Shock, 2006, 25, 351-357.	2.1	96
17	Understanding and Enhancing Sepsis Survivorship. Priorities for Research and Practice. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 972-981.	5.6	96
18	Patterns of intravenous fluid resuscitation use in adult intensive care patients between 2007 and 2014: An international cross-sectional study. PLoS ONE, 2017, 12, e0176292.	2.5	95

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19	A Multicentre, Prospective Study to Evaluate Costs of Septic Patients in Brazilian Intensive Care Units. Pharmacoeconomics, 2008, 26, 425-434.	3.3	82
20	Fluid administration for acute circulatory dysfunction using basic monitoring: narrative review and expert panel recommendations from an ESICM task force. Intensive Care Medicine, 2019, 45, 21-32.	8.2	80
21	Toll-like receptor pathway signaling is differently regulated in neutrophils and peripheral mononuclear cells of patients with sepsis, severe sepsis, and septic shock*. Critical Care Medicine, 2009, 37, 132-139.	0.9	79
22	Expression of cell surface receptors and oxidative metabolism modulation in the clinical continuum of sepsis. Critical Care, 2008, 12, R25.	5.8	74
23	Generation of Nitric Oxide and Reactive Oxygen Species by Neutrophils and Monocytes From Septic Patients and Association With Outcomes. Shock, 2012, 38, 18-23.	2.1	70
24	Gender Parity in Critical Care Medicine. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 425-429.	5.6	69
25	Balanced Crystalloids versus Saline in Critically Ill Adults â€" A Systematic Review with Meta-Analysis. , 2022, 1, .		65
26	The intensive care medicine research agenda on septic shock. Intensive Care Medicine, 2017, 43, 1294-1305.	8.2	61
27	ENHANCE: Results of a global open-label trial of drotrecogin alfa (activated) in children with severe sepsis*. Pediatric Critical Care Medicine, 2006, 7, 200-211.	0.5	56
28	Challenges in the management of septic shock: a narrative review. Intensive Care Medicine, 2019, 45, 420-433.	8.2	52
29	Predictive value of pulse pressure variation for fluid responsiveness in septic patients using lung-protective ventilation strategies. British Journal of Anaesthesia, 2013, 110, 402-408.	3.4	51
30	Survey on physicians' knowledge of sepsis: Do they recognize it promptly?. Journal of Critical Care, 2010, 25, 545-552.	2.2	48
31	Differences in Sepsis Treatment and Outcomes between Public and Private Hospitals in Brazil: A Multicenter Observational Study. PLoS ONE, 2013, 8, e64790.	2.5	48
32	Modulation of monocytes in septic patients: preserved phagocytic activity, increased ROS and NO generation, and decreased production of inflammatory cytokines. Intensive Care Medicine Experimental, 2016, 4, 5.	1.9	47
33	Increased Percentages of T Helper Cells Producing IL-17 and Monocytes Expressing Markers of Alternative Activation in Patients with Sepsis. PLoS ONE, 2012, 7, e37393.	2.5	47
34	Epidemiology of Pediatric Septic Shock. Journal of Pediatric Intensive Care, 2019, 08, 003-010.	0.8	35
35	Predictive Accuracy of the Quick Sepsis-related Organ Failure Assessment Score in Brazil. A Prospective Multicenter Study. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 789-798.	5.6	34
36	World Sepsis Day: a global agenda to target a leading cause of morbidity and mortality. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 319, L518-L522.	2.9	34

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37	Patterns of Gene Expression in Peripheral Blood Mononuclear Cells and Outcomes from Patients with Sepsis Secondary to Community Acquired Pneumonia. PLoS ONE, 2014, 9, e91886.	2.5	33
38	The burden of sepsisâ€"a call to action in support of World Sepsis Day 2013. Journal of Critical Care, 2013, 28, 526-528.	2.2	29
39	Sepsis 3 from the perspective of clinicians and quality improvement initiatives. Journal of Critical Care, 2017, 40, 315-317.	2.2	28
40	Quality Improvement Initiatives in Sepsis in an Emerging Country. Critical Care Medicine, 2017, 45, 1650-1659.	0.9	26
41	The Impact of Duration of Organ Dysfunction on the Outcome of Patients with Severe Sepsis and Septic Shock. Clinics, 2008, 63, 483-488.	1.5	22
42	Comparison of lactate values obtained from different sites and their clinical significance in patients with severe sepsis. Sao Paulo Medical Journal, 2011, 129, 11-16.	0.9	22
43	IMPROVING MORTALITY IN SEPSIS. Shock, 2010, 34, 54-58.	2.1	21
44	Accuracy of different methods for blood glucose measurement in critically ill patients. Sao Paulo Medical Journal, 2009, 127, 259-265.	0.9	19
45	Randomized clinical trial to evaluate a routine full anticoagulation Strategy in Patients with Coronavirus Infection (SARS-CoV2) admitted to hospital: Rationale and design of the ACTION (AntiCoagulaTIon cOroNavirus)â€"Coalition IV trial. American Heart Journal, 2021, 238, 1-11.	2.7	19
46	Application of control measures for infections caused by multi-resistant gram-negative bacteria in intensive care unit patients. Memorias Do Instituto Oswaldo Cruz, 2004, 99, 331-334.	1.6	19
47	Study protocol for the Balanced Solution versus Saline in Intensive Care Study (BaSICS): a factorial randomised trial. Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine, 2017, 19, 175-182.	0.1	19
48	All in a Dayâ€™s Work â€" Equity vs. Equality at a Public ICU in Brazil. New England Journal of Medicine, 2016, 375, 2420-2421.	27.0	18
49	Late recognition and illness severity are determinants of early death in severe septic patients. Clinics, 2013, 68, 586-591.	1.5	18
50	Expression of genes belonging to the interacting TLR cascades, NADPH-oxidase and mitochondrial oxidative phosphorylation in septic patients. PLoS ONE, 2017, 12, e0172024.	2.5	16
51	Safety in intrahospital transportation: evaluation of respiratory and hemodynamic parameters. A prospective cohort study. Sao Paulo Medical Journal, 2008, 126, 319-322.	0.9	15
52	Nurse to Bed Ratio and Nutrition Support in Critically Ill Patients. American Journal of Critical Care, 2013, 22, e71-e78.	1.6	13
53	CONTROVERSIES OF SURVIVING SEPSIS CAMPAIGN BUNDLES. Shock, 2008, 30, 34-40.	2.1	11
54	Quick Sequential Organ Failure Assessment Is Not Good for Ruling Sepsis In or Out. Chest, 2019, 156, 197-199.	0.8	11

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55	White paper: statement on conflicts of interest. Intensive Care Medicine, 2018, 44, 1657-1668.	8.2	10
56	Infection control in the intensive care unit: expert consensus statements for SARS-CoV-2 using a Delphi method. Lancet Infectious Diseases, The, 2022, 22, e74-e87.	9.1	10
57	An international comparison of the cost of fluid resuscitation therapies. Australian Critical Care, 2021, 34, 23-32.	1.3	9
58	Early Nutrition in Critically Ill Patients. JAMA - Journal of the American Medical Association, 2013, 309, 2165.	7.4	8
59	Fat Malabsorption Assessed by 14C-triolein Breath Test in HIV-positive Patients in Different Stages of Infection. Journal of Clinical Gastroenterology, 2000, 30, 403-408.	2.2	8
60	Defining Septic Shock. JAMA - Journal of the American Medical Association, 2016, 316, 454.	7.4	7
61	Short-term effects of passive mobilization on the sublingual microcirculation and on the systemic circulation in patients with septic shock. Annals of Intensive Care, 2017, 7, 95.	4.6	7
62	Trying to Improve Sepsis Care in Low-Resource Settings. JAMA - Journal of the American Medical Association, 2017, 318, 1225.	7.4	6
63	Fixed minimum volume resuscitation: Pro. Intensive Care Medicine, 2017, 43, 1678-1680.	8.2	6
64	Clinical Research. Critical Care Medicine, 2021, Publish Ahead of Print, 1866-1882.	0.9	5
65	Fish oil and sepsis: we still need more trials. Critical Care, 2011, 15, 449.	5.8	3
66	INTERSEPT study: we still need more clarity. Critical Care, 2012, 16, 416.	5.8	3
67	Association between early glycemic control and improvements in markers of coagulation and fibrinolysis in patients with septic shockâ€“induced stress hyperglycemia. Journal of Critical Care, 2014, 29, 884.e1-884.e6.	2.2	3
68	Bundle of Coated Devices to Reduce Nosocomial Infections in the Intensive Care Unit. CRITIC Pilot Randomized Controlled Trial. Annals of the American Thoracic Society, 2020, 17, 1257-1263.	3.2	2
69	Predictors of mortality in renal transplant recipients with severe sepsis and septic shock. Critical Care, 2013, 17, P36.	5.8	1
70	Stratifying septic patients using lactate: severe sepsis and cryptic, vasoplegic and dysoxic shock profile. Critical Care, 2013, 17, P37.	5.8	1
71	Microparticles from septic shock patients contain microRNA and messenger RNA: new players in the pathogenesis of sepsis?. Critical Care, 2013, 17, P96.	5.8	1
72	Use of prevalence data to study sepsis incidence and mortality in intensive care units â€“ Authors' reply. Lancet Infectious Diseases, The, 2018, 18, 252-253.	9.1	1

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73	A cluster-randomised trial of a multifaceted quality improvement intervention in Brazilian intensive care units (Checklist-ICU trial): statistical analysis plan. Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine, 2015, 17, 113-21.	0.1	1
74	The authors reply: Academic and industry partnerships*. Pediatric Critical Care Medicine, 2006, 7, 278-279.	0.5	0
75	PRESSURE VERSUS VOLUME CONTROLLED VENTILATION, LUNG MECHANICS AND GAS EXCHANGE. Critical Care Medicine, 1999, 27, 96A.	0.9	0
76	PRONE POSITIONING IMPROVES OXYGENATION IN ACUTE RESPIRATORY DISTRESS SYNDROME. Critical Care Medicine, 1999, 27, 157A.	0.9	0
77	NOSOCOMIAL INFECTION CONTROL. Critical Care Medicine, 1999, 27, 99A.	0.9	0