Denise Battaglini

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

90 papers	1,195 citations	20 h-index	32 g-index
114 ext. papers	2,125 ext. citations	4.8 avg, IF	5.12 L-index

#	Paper	IF	Citations
90	Bloodstream infections in critically ill patients with COVID-19. *European Journal of Clinical Investigation*, **2020**, 50, e13319	4.6	118
89	Prevalence and risk factors for delirium in critically ill patients with COVID-19 (COVID-D): a multicentre cohort study. *Lancet Respiratory Medicine,the*, **2021**, 9, 239-250	35.1	109
88	Distinct phenotypes require distinct respiratory management strategies in severe COVID-19. *Respiratory Physiology and Neurobiology*, **2020**, 279, 103455	2.8	94
87	Prevalence of Antibodies to SARS-CoV-2 in Italian Adults and Associated Risk Factors. *Journal of Clinical Medicine*, **2020**, 9,	5.1	45
86	Pathogenesis of Multiple Organ Injury in COVID-19 and Potential Therapeutic Strategies. *Frontiers in Physiology*, **2021**, 12, 593223	4.6	42
85	Pros and cons of corticosteroid therapy for COVID-19 patients. *Respiratory Physiology and Neurobiology*, **2020**, 280, 103492	2.8	40
84	Brain-heart interaction after acute ischemic stroke. *Critical Care*, **2020**, 24, 163	10.8	34
83	Mechanical ventilation in patients with acute ischaemic stroke: from pathophysiology to clinical practice. *Critical Care*, **2019**, 23, 388	10.8	33
82	Gut Microbiota in Acute Ischemic Stroke: From Pathophysiology to Therapeutic Implications. *Frontiers in Neurology*, **2020**, 11, 598	4.1	31
81	Neurological Manifestations of Severe SARS-CoV-2 Infection: Potential Mechanisms and Implications of Individualized Mechanical Ventilation Settings. *Frontiers in Neurology*, **2020**, 11, 845	4.1	31
80	Computed tomography assessment of PEEP-induced alveolar recruitment in patients with severe COVID-19 pneumonia. *Critical Care*, **2021**, 25, 81	10.8	31
79	Mid and long-term neurological and neuropsychiatric manifestations of post-COVID-19 syndrome: A meta-analysis.. *Journal of the Neurological Sciences*, **2022**, 434, 120162	3.2	30
78	Incidence and Prognosis of Ventilator-Associated Pneumonia in Critically Ill Patients with COVID-19: A Multicenter Study. *Journal of Clinical Medicine*, **2021**, 10,	5.1	28
77	Application of municipal biowaste derived products in Hibiscus cultivation: Effect on leaf gaseous exchange activity, and plant biomass accumulation and quality. *Scientia Horticulturae*, **2016**, 205, 59-69	4.1	23
76	Noninvasive respiratory support and patient self-inflicted lung injury in COVID-19: a narrative review. *British Journal of Anaesthesia*, **2021**, 127, 353-364	5.4	23
75	Postoperative respiratory disorders. *Current Opinion in Critical Care*, **2016**, 22, 379-85	3.5	22
74	Chest physiotherapy: An important adjuvant in critically ill mechanically ventilated patients with COVID-19. *Respiratory Physiology and Neurobiology*, **2020**, 282, 103529	2.8	21

73	Neurological Complications and Noninvasive Multimodal Neuromonitoring in Critically Ill Mechanically Ventilated COVID-19 Patients. *Frontiers in Neurology*, **2020**, 11, 602114	4.1	20
72	Early effects of ventilatory rescue therapies on systemic and cerebral oxygenation in mechanically ventilated COVID-19 patients with acute respiratory distress syndrome: a prospective observational study. *Critical Care*, **2021**, 25, 111	10.8	20
71	Lung distribution of gas and blood volume in critically ill COVID-19 patients: a quantitative dual-energy computed tomography study. *Critical Care*, **2021**, 25, 214	10.8	18
70	Association between perioperative fluid administration and postoperative outcomes: a 20-year systematic review and a meta-analysis of randomized goal-directed trials in major visceral/noncardiac surgery. *Critical Care*, **2021**, 25, 43	10.8	15
69	Risk and Prognostic Factors in Very Old Patients with Sepsis Secondary to Community-Acquired Pneumonia. *Journal of Clinical Medicine*, **2019**, 8,	5.1	14
68	Coagulative Disorders in Critically Ill COVID-19 Patients with Acute Distress Respiratory Syndrome: A Critical Review. *Journal of Clinical Medicine*, **2021**, 10,	5.1	13
67	Different Methods to Improve the Monitoring of Noninvasive Respiratory Support of Patients with Severe Pneumonia/ARDS Due to COVID-19: An Update.. *Journal of Clinical Medicine*, **2022**, 11,	5.1	13
66	Inhaled amikacin for severe Gram-negative pulmonary infections in the intensive care unit: current status and future prospects. *Critical Care*, **2018**, 22, 343	10.8	12
65	Safety profile of enhanced thromboprophylaxis strategies for critically ill COVID-19 patients during the first wave of the pandemic: observational report from 28 European intensive care units. *Critical Care*, **2021**, 25, 155	10.8	10
64	Prevalence and Clinical Significance of Persistent Viral Shedding in Hospitalized Adult Patients with SARS-CoV-2 Infection: A Prospective Observational Study. *Infectious Diseases and Therapy*, **2021**, 10, 387-398	6.3	9
63	Perioperative anaesthetic management of patients with or at risk of acute distress respiratory syndrome undergoing emergency surgery. *BMC Anesthesiology*, **2019**, 19, 153	2.4	7
62	Short-Term Appraisal of the Effects and Safety of Manual Versus Ventilator Hyperinflation in an Animal Model of Severe Pneumonia. *Respiratory Care*, **2019**, 64, 760-770	2.1	7
61	The role of new antimicrobials for Gram-negative infections in daily clinical practice. *Current Opinion in Infectious Diseases*, **2020**, 33, 495-500	5.4	7
60	The renin-angiotensin-aldosterone system: Role in pathogenesis and potential therapeutic target in COVID-19. *Pharmacology Research and Perspectives*, **2020**, 8, e00623	3.1	7
59	The Role of Dysbiosis in Critically Ill Patients With COVID-19 and Acute Respiratory Distress Syndrome. *Frontiers in Medicine*, **2021**, 8, 671714	4.9	7
58	Infectious disease-associated encephalopathies. *Critical Care*, **2021**, 25, 236	10.8	7
57	Ischemic and Hemorrhagic Stroke Among Critically Ill Patients With Coronavirus Disease 2019: An International Multicenter Coronavirus Disease 2019 Critical Care Consortium Study. *Critical Care Medicine*, **2021**, 49, e1223-e1233	1.4	7
56	The role of external ventricular drainage for the management of posterior cranial fossa tumours: a systematic review. *Neurosurgical Review*, **2021**, 44, 1243-1253	3.9	7

55	Neurological Manifestations of Coronavirus Disease 2019: A Comprehensive Review and Meta-Analysis of the First 6 Months of Pandemic Reporting. *Frontiers in Neurology*, **2021**, 12, 664599	4.1	7
54	Ten things you need to know about intensive care unit management of mechanically ventilated patients with COVID-19. *Expert Review of Respiratory Medicine*, **2021**, 15, 1293-1302	3.8	6
53	Early Effects of Passive Leg-Raising Test, Fluid Challenge, and Norepinephrine on Cerebral Autoregulation and Oxygenation in COVID-19 Critically Ill Patients. *Frontiers in Neurology*, **2021**, 12, 674466	4.1	6
52	Driving Pressure During General Anesthesia for Open Abdominal Surgery (DESIGNATION): study protocol of a randomized clinical trial. *Trials*, **2020**, 21, 198	2.8	5
51	Escalation therapy in severe traumatic brain injury: how long is intracranial pressure monitoring necessary?. *Neurosurgical Review*, **2021**, 44, 2415-2423	3.9	5
50	Escalate and De-Escalate Therapies for Intracranial Pressure Control in Traumatic Brain Injury. *Frontiers in Neurology*, **2020**, 11, 564751	4.1	5
49	Extension of Collagen Deposition in COVID-19 Post Mortem Lung Samples and Computed Tomography Analysis Findings. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	5
48	Ischaemic stroke-induced distal organ damage: pathophysiology and new therapeutic strategies. *Intensive Care Medicine Experimental*, **2020**, 8, 23	3.7	4
47	Enterococcal bloodstream infections in critically ill patients with COVID-19: a case series. *Annals of Medicine*, **2021**, 53, 1779-1786	1.5	4
46	Tracheostomy Timing and Outcome in Severe COVID-19: The WeanTrach Multicenter Study. *Journal of Clinical Medicine*, **2021**, 10,	5.1	4
45	Coronavirus Disease 2019 Phenotypes, Lung Ultrasound, Chest Computed Tomography and Clinical Features in Critically Ill Mechanically Ventilated Patients. *Ultrasound in Medicine and Biology*, **2021**, 47, 3323-3332	3.5	4
44	Ten golden rules for individualized mechanical ventilation in acute respiratory distress syndrome. *Journal of Intensive Medicine*, **2021**, 1, 42-51		4
43	Intraoperative ventilator settings and their association with postoperative pulmonary complications in neurosurgical patients: post-hoc analysis of LAS VEGAS study. *BMC Anesthesiology*, **2020**, 20, 73	2.4	4
42	Novel Synthetic and Natural Therapies for Traumatic Brain Injury. *Current Neuropharmacology*, **2021** , 19, 1661-1687	7.6	4
41	Laboratory Biomarkers for Diagnosis and Prognosis in COVID-19.. *Frontiers in Immunology*, **2022**, 13, 857573	7.3	4
40	Lateral position during severe mono-lateral pneumonia: an experimental study. *Scientific Reports*, **2020**, 10, 19372	4.9	3
39	Sigh in Patients With Acute Hypoxemic Respiratory Failure and ARDS: The PROTECTION Pilot Randomized Clinical Trial. *Chest*, **2021**, 159, 1426-1436	5.3	3
38	PEEP in thoracic anesthesia: pros and cons. *Minerva Anestesiologica*, **2021**, 87, 223-229	1.9	3

37	Appraisal of systemic inflammation and diagnostic markers in a porcine model of VAP: secondary analysis from a study on novel preventive strategies. *Intensive Care Medicine Experimental*, **2018**, 6, 42	3.7	3
36	Optimal approaches to preventing severe community-acquired pneumonia. *Expert Review of Respiratory Medicine*, **2019**, 13, 1005-1018	3.8	2
35	Pathophysiology and clinical consequences of arterial blood gases and pH after cardiac arrest. *Intensive Care Medicine Experimental*, **2020**, 8, 19	3.7	2
34	Effects of Positive End-Expiratory Pressure on Lung Recruitment, Respiratory Mechanics, and Intracranial Pressure in Mechanically Ventilated Brain-Injured Patients. *Frontiers in Physiology*, **2021**, 12, 711273	4.6	2
33	How do you manage ANTICOagulant therapy in neurosurgery? The ANTICO survey of the Italian Society of Neurosurgery (SINCH). *BMC Neurology*, **2021**, 21, 98	3.1	2
32	An Experimental Pre-Post Study on the Efficacy of Respiratory Physiotherapy in Severe Critically Ill COVID-19 Patients. *Journal of Clinical Medicine*, **2021**, 10,	5.1	2
31	Perioperative liberal versus restrictive fluid strategies and postoperative outcomes: a systematic review and metanalysis on randomised-controlled trials in major abdominal elective surgery. *Critical Care*, **2021**, 25, 205	10.8	2
30	Acquisition of skills in critical emergency medicine: an experimental study on the SIAARTI Academy CREM experience. *Minerva Anestesiologica*, **2021**, 87, 1174-1182	1.9	2
29	An in-vitro study to evaluate high-volume low-pressure endotracheal tube cuff deflation dynamics. *Minerva Anestesiologica*, **2019**, 85, 846-853	1.9	2
28	Neuromonitoring during general anesthesia in non-neurologic surgery. *Baillieres Best Practice and Research in Clinical Anaesthesiology*, **2021**, 35, 255-266	4	2
27	In-vitro analysis of a novel \add-on\silicone cuff to improve sealing properties of tracheal tubes. *Anaesthesia*, **2018**, 73, 1372-1381	6.6	2
26	Early Administration of Bamlanivimab in Combination with Etesevimab Increases the Benefits of COVID-19 Treatment: Real-World Experience from the Liguria Region. *Journal of Clinical Medicine*, **2021**, 10,	5.1	1
25	Pituitary Dysfunction After Aneurysmal Subarachnoid Hemorrhage: A Prospective Cohort Study. *Journal of Neurosurgical Anesthesiology*, **2022**, 34, 44-50	3	1
24	Response to letter to the editor: catastrophic antiphospholipid antibody syndrome and multiple organ dysfunctions in critically ill patients with COVID-19. *Expert Review of Respiratory Medicine*, **2020**, 14, 1073-1074	3.8	1
23	Effects of distancing and pattern of breathing on the filtering capability of commercial and custom-made facial masks: An in-vitro study. *PLoS ONE*, **2021**, 16, e0250432	3.7	1
22	Mechanical ventilation in neurocritical care setting: A clinical approach. *Baillieres Best Practice and Research in Clinical Anaesthesiology*, **2021**, 35, 207-220	4	1
21	Design and Rationale of a Prospective International Follow-Up Study on Intensive Care Survivors of COVID-19: The Long-Term Impact in Intensive Care Survivors of Coronavirus Disease-19-AFTERCOR. *Frontiers in Medicine*, **2021**, 8, 738086	4.9	1
20	Early versus late intubation in COVID-19 patients failing helmet CPAP: a quantitative computed tomography study.. *Respiratory Physiology and Neurobiology*, **2022**, 103889	2.8	1

19	Current pharmacotherapy for methicillin-resistant (MRSA) pneumonia. *Expert Opinion on Pharmacotherapy*, **2021**, 1-14	4	1
18	Effects of positive end-expiratory pressure on lung ultrasound patterns and their correlation with intracranial pressure in mechanically ventilated brain injured patients.. *Critical Care*, **2022**, 26, 31	10.8	0
17	Mechanical ventilationPEEP **2022**, 33-42		0
16	Comparative effects of dexmedetomidine and propofol on brain and lung damage in experimental acute ischemic stroke. *Scientific Reports*, **2021**, 11, 23133	4.9	0
15	Ten False Beliefs About Mechanical Ventilation in Patients with Brain Injury. *Annual Update in Intensive Care and Emergency Medicine*, **2020**, 441-455	0.2	0
14	Ventilation management and outcomes in out-of-hospital cardiac arrest: a protocol for a preplanned secondary analysis of the TTM2 trial.. *BMJ Open*, **2022**, 12, e058001	3	0
13	The Importance of Neuromonitoring in Non Brain Injured Patients.. *Critical Care*, **2022**, 26, 78	10.8	0
12	Patients With Suspected Severe Adverse Reactions to COVID-19 Vaccination Admitted to Intensive Care Unit: A Case Report.. *Frontiers in Medicine*, **2022**, 9, 823837	4.9	0
11	Non-Invasive Multimodal Neuromonitoring in Non-Critically Ill Hospitalized Adult Patients With COVID-19: A Systematic Review and Meta-Analysis.. *Frontiers in Neurology*, **2022**, 13, 814405	4.1	0
10	The Use of Different Components of Brain Oxygenation for the Assessment of Cerebral Haemodynamics: A Prospective Observational Study on COVID-19 Patients.. *Frontiers in Neurology*, **2021**, 12, 735469	4.1	0
9	Setting intraoperative positive end expiratory pressure: how to be protective. *Journal of Emergency and Critical Care Medicine*, **2020**, 4, 7-7	0.6	
8	Individualized positive end-expiratory pressure guided by end-expiratory lung volume in early acute respiratory distress syndrome: study protocol for the multicenter, randomized IPERPEEP trial.. *Trials*, **2022**, 23, 63	2.8	
7	Type of ICP monitor **2022**, 193-202		
6	Devotion, Saints and modern infections: Can we learn something from the past?. *Ethics, Medicine and Public Health*, **2021**, 18, 100689	0.7	
5	The Emerging Role of the Microbiota in Neurocritical Care. *Annual Update in Intensive Care and Emergency Medicine*, **2022**, 301-315	0.2	
4	Traumatic brain injury and translational research: pharmacological and nonpharmacological perspectives **2022**, 139-154		
3	The Importance of Neuromonitoring in Non Brain Injured Patients. *Annual Update in Intensive Care and Emergency Medicine*, **2022**, 333-350	0.2	
2	141: NEUROLOGIC AND NEUROPSYCHIATRIC MANIFESTATIONS OF POST-COVID-19 SYNDROME: A META-ANALYSIS. *Critical Care Medicine*, **2022**, 50, 54-54	1.4	

1	The Impact of Different Ventilatory Strategies on Clinical Outcomes in Patients with COVID-19 Pneumonia. *Journal of Clinical Medicine*, **2022**, 11, 2710	5.1