

# Denise Battaglini

## List of Publications by Year in descending order

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Version: 2024-02-01

104  
papers

3,033  
citations

236925  
25  
h-index

197818  
49  
g-index

114  
all docs

114  
docs citations

114  
times ranked

3711  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Use of Noninvasive Multimodal Neuromonitoring in Adult Critically Ill Patients With COVID-19 Infection. <i>Journal of Neurosurgical Anesthesiology</i> , 2023, 35, 423-428.	1.2	5
2	Mechanical ventilationâ€™PEEP. , 2022, , 33-42.		2
3	Type of ICP monitor. , 2022, , 193-202.		1
4	Effects of positive end-expiratory pressure on lung ultrasound patterns and their correlation with intracranial pressure in mechanically ventilated brain injured patients. <i>Critical Care</i> , 2022, 26, 31.	5.8	17
5	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. <i>Trials</i> , 2022, 23, 63.	1.6	1
6	Mid and long-term neurological and neuropsychiatric manifestations of post-COVID-19 syndrome: A meta-analysis. <i>Journal of the Neurological Sciences</i> , 2022, 434, 120162.	0.6	335
7	Reactivation of Herpes Simplex Virus Type 1 (HSV-1) Detected on Bronchoalveolar Lavage Fluid (BALF) Samples in Critically Ill COVID-19 Patients Undergoing Invasive Mechanical Ventilation: Preliminary Results from Two Italian Centers. <i>Microorganisms</i> , 2022, 10, 362.	3.6	14
8	Traumatic brain injury and translational research: pharmacological and nonpharmacological perspectives. , 2022, , 139-154.		0
9	Ventilation management and outcomes in out-of-hospital cardiac arrest: a protocol for a preplanned secondary analysis of the TTM2 trial. <i>BMJ Open</i> , 2022, 12, e058001.	1.9	3
10	The Importance of Neuromonitoring in Non Brain Injured Patients. <i>Critical Care</i> , 2022, 26, 78.	5.8	7
11	Patients With Suspected Severe Adverse Reactions to COVID-19 Vaccination Admitted to Intensive Care Unit: A Case Report. <i>Frontiers in Medicine</i> , 2022, 9, 823837.	2.6	2
12	Different Methods to Improve the Monitoring of Noninvasive Respiratory Support of Patients with Severe Pneumonia/ARDS Due to COVID-19: An Update. <i>Journal of Clinical Medicine</i> , 2022, 11, 1704.	2.4	53
13	Early versus late intubation in COVID-19 patients failing helmet CPAP: A quantitative computed tomography study. <i>Respiratory Physiology and Neurobiology</i> , 2022, 301, 103889.	1.6	8
14	141: NEUROLOGIC AND NEUROPSYCHIATRIC MANIFESTATIONS OF POST-COVID-19 SYNDROME: A META-ANALYSIS. <i>Critical Care Medicine</i> , 2022, 50, 54-54.	0.9	0
15	Current pharmacotherapy for methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) pneumonia. <i>Expert Opinion on Pharmacotherapy</i> , 2022, 23, 361-375.	1.8	12
16	Non-Invasive Multimodal Neuromonitoring in Non-Critically Ill Hospitalized Adult Patients With COVID-19: A Systematic Review and Meta-Analysis. <i>Frontiers in Neurology</i> , 2022, 13, 814405.	2.4	4
17	Prone positioning in COVID-19 ARDS: more pros than cons. <i>Jornal Brasileiro De Pneumologia</i> , 2022, 48, e20220065.	0.7	1
18	Laboratory Biomarkers for Diagnosis and Prognosis in COVID-19. <i>Frontiers in Immunology</i> , 2022, 13, 857573.	4.8	70

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19	Long-Term Impact in Intensive Care Survivors of Coronavirus Disease-19 (AFTERCOR Study): Preliminary 3-Month Analysis After ICU Discharge. , 2022, , .		0
20	The Impact of Different Ventilatory Strategies on Clinical Outcomes in Patients with COVID-19 Pneumonia. Journal of Clinical Medicine, 2022, 11, 2710.	2.4	0
21	Escalation therapy in severe traumatic brain injury: how long is intracranial pressure monitoring necessary?. Neurosurgical Review, 2021, 44, 2415-2423.	2.4	11
22	The role of external ventricular drainage for the management of posterior cranial fossa tumours: a systematic review. Neurosurgical Review, 2021, 44, 1243-1253.	2.4	14
23	Mechanical ventilation in neurocritical care setting: A clinical approach. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2021, 35, 207-220.	4.0	15
24	Sigh in Patients With Acute Hypoxemic Respiratory Failure and ARDS. Chest, 2021, 159, 1426-1436.	0.8	16
25	Neuromonitoring during general anesthesia in non-neurologic surgery. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2021, 35, 255-266.	4.0	7
26	Pathogenesis of Multiple Organ Injury in COVID-19 and Potential Therapeutic Strategies. Frontiers in Physiology, 2021, 12, 593223.	2.8	113
27	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.	4.0	11
28	Incidence and Prognosis of Ventilator-Associated Pneumonia in Critically Ill Patients with COVID-19: A Multicenter Study. Journal of Clinical Medicine, 2021, 10, 555.	2.4	93
29	Computed tomography assessment of PEEP-induced alveolar recruitment in patients with severe COVID-19 pneumonia. Critical Care, 2021, 25, 81.	5.8	59
30	Novel Synthetic and Natural Therapies for Traumatic Brain Injury. Current Neuropharmacology, 2021, 19, 1661-1687.	2.9	13
31	PEEP in thoracic anesthesia: pros and cons. Minerva Anestesiologica, 2021, 87, 223-229.	1.0	9
32	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.	5.8	53
33	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.	5.8	45
34	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.	10.7	325
35	How do you manage ANTICOagulant therapy in neurosurgery? The ANTICO survey of the Italian Society of Neurosurgery (SINCH). BMC Neurology, 2021, 21, 98.	1.8	7
36	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.	2.5	3

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37	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.	2.5	12
38	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.	5.8	23
39	An Experimental Pre-Post Study on the Efficacy of Respiratory Physiotherapy in Severe Critically Ill COVID-19 Patients. Journal of Clinical Medicine, 2021, 10, 2139.	2.4	12
40	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.	5.8	27
41	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.	5.8	39
42	Acquisition of skills in critical emergency medicine: an experimental study on the SIAARTI Academy CREM experience. Minerva Anestesiologica, 2021, 87, 1174-1182.	1.0	4
43	Tracheostomy Timing and Outcome in Severe COVID-19: The WeanTrach Multicenter Study. Journal of Clinical Medicine, 2021, 10, 2651.	2.4	18
44	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.	2.4	12
45	The Role of Dysbiosis in Critically Ill Patients With COVID-19 and Acute Respiratory Distress Syndrome. Frontiers in Medicine, 2021, 8, 671714.	2.6	17
46	Infectious disease-associated encephalopathies. Critical Care, 2021, 25, 236.	5.8	34
47	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.	1.5	8
48	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.	0.9	20
49	Ten golden rules for individualized mechanical ventilation in acute respiratory distress syndrome. Journal of Intensive Medicine, 2021, 1, 42-51.	2.1	19
50	Extension of Collagen Deposition in COVID-19 Post Mortem Lung Samples and Computed Tomography Analysis Findings. International Journal of Molecular Sciences, 2021, 22, 7498.	4.1	15
51	001â€¦Neurological manifestations of coronavirus disease 2019: a comprehensive review. , 2021, , .		0
52	035â€¦Case-control study of risk factors for stroke among critically-ill patients with SARS-CoV-2: an analysis of the COVID-19 critical care consortium (CCCC) global registry. , 2021, , .		0
53	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.	2.4	19
54	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-19â€œAFTERCOR. Frontiers in Medicine, 2021, 8, 738086.	2.6	2

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55	Devotion, Saints and modern infections: Can we learn something from the past?. Ethics, Medicine and Public Health, 2021, 18, 100689.	0.9	0
56	Noninvasive respiratory support and patient self-inflicted lung injury in COVID-19: a narrative review. British Journal of Anaesthesia, 2021, 127, 353-364.	3.4	64
57	Coagulative Disorders in Critically Ill COVID-19 Patients with Acute Distress Respiratory Syndrome: A Critical Review. Journal of Clinical Medicine, 2021, 10, 140.	2.4	32
58	Clinical significance of inflammatory markers of bacterial infection in critically ill patients with COVID-19 after treatment with anti-inflammatory and immunomodulatory drugs: a complex new scenario. Frontiers in Bioscience, 2021, 26, 405.	2.1	2
59	Enterococcal bloodstream infections in critically ill patients with COVID-19: a case series. Annals of Medicine, 2021, 53, 1779-1786.	3.8	22
60	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, 4682.	2.4	6
61	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.	2.8	24
62	Comparative effects of dexmedetomidine and propofol on brain and lung damage in experimental acute ischemic stroke. Scientific Reports, 2021, 11, 23133.	3.3	8
63	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.	2.4	5
64	Efficacy of Telavancin in Comparison to Linezolid in a Porcine Model of Severe Methicillin-Resistant Staphylococcus aureus Pneumonia. Antimicrobial Agents and Chemotherapy, 2020, 65, .	3.2	1
65	Chest physiotherapy: An important adjuvant in critically ill mechanically ventilated patients with COVID-19. Respiratory Physiology and Neurobiology, 2020, 282, 103529.	1.6	43
66	Pros and cons of corticosteroid therapy for COVID-19 patients. Respiratory Physiology and Neurobiology, 2020, 280, 103492.	1.6	80
67	The renin-angiotensin-aldosterone system: Role in pathogenesis and potential therapeutic target in COVID-19. Pharmacology Research and Perspectives, 2020, 8, e00623.	2.4	13
68	Escalate and De-Escalate Therapies for Intracranial Pressure Control in Traumatic Brain Injury. Frontiers in Neurology, 2020, 11, 564751.	2.4	12
69	Neurological Complications and Noninvasive Multimodal Neuromonitoring in Critically Ill Mechanically Ventilated COVID-19 Patients. Frontiers in Neurology, 2020, 11, 602114.	2.4	36
70	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.	2.5	1
71	Neurological Manifestations of Severe SARS-CoV-2 Infection: Potential Mechanisms and Implications of Individualized Mechanical Ventilation Settings. Frontiers in Neurology, 2020, 11, 845.	2.4	46
72	Pulmonary Injury Caused by Severe Pneumococcal Pneumonia: Appraisal of the Benefits of Corticosteroids and Macrolides. , 2020, , .		0

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73	Prevalence of Antibodies to SARS-CoV-2 in Italian Adults and Associated Risk Factors. Journal of Clinical Medicine, 2020, 9, 2780.	2.4	71
74	Lateral position during severe mono-lateral pneumonia: an experimental study. Scientific Reports, 2020, 10, 19372.	3.3	6
75	Emerging therapies for COVID-19 pneumonia. Expert Opinion on Investigational Drugs, 2020, 29, 633-637.	4.1	13
76	Distinct phenotypes require distinct respiratory management strategies in severe COVID-19. Respiratory Physiology and Neurobiology, 2020, 279, 103455.	1.6	129
77	Gut Microbiota in Acute Ischemic Stroke: From Pathophysiology to Therapeutic Implications. Frontiers in Neurology, 2020, 11, 598.	2.4	62
78	Bloodstream infections in critically ill patients with COVID-19. European Journal of Clinical Investigation, 2020, 50, e13319.	3.4	203
79	Multiple organ dysfunction in SARS-CoV-2: MODS-CoV-2. Expert Review of Respiratory Medicine, 2020, 14, 865-868.	2.5	196
80	Driving Pressure During General Anesthesia for Open Abdominal Surgery (DESIGNATION): study protocol of a randomized clinical trial. Trials, 2020, 21, 198.	1.6	13
81	Setting intraoperative positive end expiratory pressure: how to be protective. Journal of Emergency and Critical Care Medicine, 2020, 4, 7-7.	0.7	0
82	Brain-heart interaction after acute ischemic stroke. Critical Care, 2020, 24, 163.	5.8	77
83	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.	1.8	6
84	Pituitary Dysfunction After Aneurysmal Subarachnoid Hemorrhage. Journal of Neurosurgical Anesthesiology, 2020, Publish Ahead of Print, 44-50.	1.2	3
85	Ischaemic stroke-induced distal organ damage: pathophysiology and new therapeutic strategies. Intensive Care Medicine Experimental, 2020, 8, 23.	1.9	17
86	Pathophysiology and clinical consequences of arterial blood gases and pH after cardiac arrest. Intensive Care Medicine Experimental, 2020, 8, 19.	1.9	15
87	Ten False Beliefs About Mechanical Ventilation in Patients with Brain Injury. Annual Update in Intensive Care and Emergency Medicine, 2020, , 441-455.	0.2	1
88	The role of new antimicrobials for Gram-negative infections in daily clinical practice. Current Opinion in Infectious Diseases, 2020, 33, 495-500.	3.1	9
89	Optimal approaches to preventing severe community-acquired pneumonia. Expert Review of Respiratory Medicine, 2019, 13, 1005-1018.	2.5	4
90	Risk and Prognostic Factors in Very Old Patients with Sepsis Secondary to Community-Acquired Pneumonia. Journal of Clinical Medicine, 2019, 8, 961.	2.4	22

#	ARTICLE	IF	CITATIONS
91	Perioperative anaesthetic management of patients with or at risk of acute distress respiratory syndrome undergoing emergency surgery. BMC Anesthesiology, 2019, 19, 153.	1.8	10
92	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.	1.6	13
93	An in-vitro study to evaluate high-volume low-pressure endotracheal tube cuff deflation dynamics. Minerva Anestesiologica, 2019, 85, 846-853.	1.0	3
94	Mechanical ventilation in patients with acute ischaemic stroke: from pathophysiology to clinical practice. Critical Care, 2019, 23, 388.	5.8	57
95	Prevalence and risk factors of sepsis in very old patients with CAP. , 2019, , .		0
96	Corticosteroid therapy combined with antibiotics for severe Streptococcus pneumoniae pneumonia in ventilated piglets. , 2019, , .		1
97	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.	1.9	4
98	Inhaled amikacin for severe Gram-negative pulmonary infections in the intensive care unit: current status and future prospects. Critical Care, 2018, 22, 343.	5.8	21
99	Inâ€vitro analysis of a novel â€addâ€™onâ€™™ silicone cuff to improve sealing properties of tracheal tubes. Anaesthesia, 2018, 73, 1372-1381.	3.8	2
100	Telavancin vs. linezolid in an animal model of severe MRSA pneumonia. , 2018, , .		0
101	Safety of cough assist set at different pressure levels in an animal model of mechanical ventilation. , 2018, , .		0
102	Postoperative respiratory disorders. Current Opinion in Critical Care, 2016, 22, 379-385.	3.2	33
103	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.	3.6	34
104	Neurological Presentations and In-Hospital Complications of COVID-19 in Adults and Children: A Large Prospective Multicentre Observational Study from the International Severe Acute Respiratory and Emerging Infection Consortium (ISARIC). SSRN Electronic Journal, 0, , .	0.4	0