

Denise Battaglini

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5695864/publications.pdf>

Version: 2024-02-01

104
papers

3,033
citations

236612

25
h-index

197535

49
g-index

114
all docs

114
docs citations

114
times ranked

3711
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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. | 0.3 | 335 |
| 2 | Prevalence and risk factors for delirium in critically ill patients with COVID-19 (COVID-D): a multicentre cohort study. <i>Lancet Respiratory Medicine</i> , 2021, 9, 239-250. | 5.2 | 325 |
| 3 | Bloodstream infections in critically ill patients with COVID-19. <i>European Journal of Clinical Investigation</i> , 2020, 50, e13319. | 1.7 | 203 |
| 4 | Multiple organ dysfunction in SARS-CoV-2: MODS-CoV-2. <i>Expert Review of Respiratory Medicine</i> , 2020, 14, 865-868. | 1.0 | 196 |
| 5 | Distinct phenotypes require distinct respiratory management strategies in severe COVID-19. <i>Respiratory Physiology and Neurobiology</i> , 2020, 279, 103455. | 0.7 | 129 |
| 6 | Pathogenesis of Multiple Organ Injury in COVID-19 and Potential Therapeutic Strategies. <i>Frontiers in Physiology</i> , 2021, 12, 593223. | 1.3 | 113 |
| 7 | Incidence and Prognosis of Ventilator-Associated Pneumonia in Critically Ill Patients with COVID-19: A Multicenter Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 555. | 1.0 | 93 |
| 8 | Pros and cons of corticosteroid therapy for COVID-19 patients. <i>Respiratory Physiology and Neurobiology</i> , 2020, 280, 103492. | 0.7 | 80 |
| 9 | Brain-heart interaction after acute ischemic stroke. <i>Critical Care</i> , 2020, 24, 163. | 2.5 | 77 |
| 10 | Prevalence of Antibodies to SARS-CoV-2 in Italian Adults and Associated Risk Factors. <i>Journal of Clinical Medicine</i> , 2020, 9, 2780. | 1.0 | 71 |
| 11 | Laboratory Biomarkers for Diagnosis and Prognosis in COVID-19. <i>Frontiers in Immunology</i> , 2022, 13, 857573. | 2.2 | 70 |
| 12 | Noninvasive respiratory support and patient self-inflicted lung injury in COVID-19: a narrative review. <i>British Journal of Anaesthesia</i> , 2021, 127, 353-364. | 1.5 | 64 |
| 13 | Gut Microbiota in Acute Ischemic Stroke: From Pathophysiology to Therapeutic Implications. <i>Frontiers in Neurology</i> , 2020, 11, 598. | 1.1 | 62 |
| 14 | Computed tomography assessment of PEEP-induced alveolar recruitment in patients with severe COVID-19 pneumonia. <i>Critical Care</i> , 2021, 25, 81. | 2.5 | 59 |
| 15 | Mechanical ventilation in patients with acute ischaemic stroke: from pathophysiology to clinical practice. <i>Critical Care</i> , 2019, 23, 388. | 2.5 | 57 |
| 16 | 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. <i>Critical Care</i> , 2021, 25, 43. | 2.5 | 53 |
| 17 | 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. | 1.0 | 53 |
| 18 | Neurological Manifestations of Severe SARS-CoV-2 Infection: Potential Mechanisms and Implications of Individualized Mechanical Ventilation Settings. <i>Frontiers in Neurology</i> , 2020, 11, 845. | 1.1 | 46 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | 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. <i>Critical Care</i> , 2021, 25, 111. | 2.5 | 45 |
| 20 | Chest physiotherapy: An important adjuvant in critically ill mechanically ventilated patients with COVID-19. <i>Respiratory Physiology and Neurobiology</i> , 2020, 282, 103529. | 0.7 | 43 |
| 21 | Lung distribution of gas and blood volume in critically ill COVID-19 patients: a quantitative dual-energy computed tomography study. <i>Critical Care</i> , 2021, 25, 214. | 2.5 | 39 |
| 22 | Neurological Complications and Noninvasive Multimodal Neuromonitoring in Critically Ill Mechanically Ventilated COVID-19 Patients. <i>Frontiers in Neurology</i> , 2020, 11, 602114. | 1.1 | 36 |
| 23 | Application of municipal biowaste derived products in Hibiscus cultivation: Effect on leaf gaseous exchange activity, and plant biomass accumulation and quality. <i>Scientia Horticulturae</i> , 2016, 205, 59-69. | 1.7 | 34 |
| 24 | Infectious disease-associated encephalopathies. <i>Critical Care</i> , 2021, 25, 236. | 2.5 | 34 |
| 25 | Postoperative respiratory disorders. <i>Current Opinion in Critical Care</i> , 2016, 22, 379-385. | 1.6 | 33 |
| 26 | Coagulative Disorders in Critically Ill COVID-19 Patients with Acute Distress Respiratory Syndrome: A Critical Review. <i>Journal of Clinical Medicine</i> , 2021, 10, 140. | 1.0 | 32 |
| 27 | Perioperative liberal versus restrictive fluid strategies and postoperative outcomes: a systematic review and meta-analysis on randomised-controlled trials in major abdominal elective surgery. <i>Critical Care</i> , 2021, 25, 205. | 2.5 | 27 |
| 28 | Effects of Positive End-Expiratory Pressure on Lung Recruitment, Respiratory Mechanics, and Intracranial Pressure in Mechanically Ventilated Brain-Injured Patients. <i>Frontiers in Physiology</i> , 2021, 12, 711273. | 1.3 | 24 |
| 29 | 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. <i>Critical Care</i> , 2021, 25, 155. | 2.5 | 23 |
| 30 | Risk and Prognostic Factors in Very Old Patients with Sepsis Secondary to Community-Acquired Pneumonia. <i>Journal of Clinical Medicine</i> , 2019, 8, 961. | 1.0 | 22 |
| 31 | Enterococcal bloodstream infections in critically ill patients with COVID-19: a case series. <i>Annals of Medicine</i> , 2021, 53, 1779-1786. | 1.5 | 22 |
| 32 | Inhaled amikacin for severe Gram-negative pulmonary infections in the intensive care unit: current status and future prospects. <i>Critical Care</i> , 2018, 22, 343. | 2.5 | 21 |
| 33 | Ischemic and Hemorrhagic Stroke Among Critically Ill Patients With Coronavirus Disease 2019: An International Multicenter Coronavirus Disease 2019 Critical Care Consortium Study*. <i>Critical Care Medicine</i> , 2021, 49, e1223-e1233. | 0.4 | 20 |
| 34 | Ten golden rules for individualized mechanical ventilation in acute respiratory distress syndrome. <i>Journal of Intensive Medicine</i> , 2021, 1, 42-51. | 0.8 | 19 |
| 35 | Neurological Manifestations of Coronavirus Disease 2019: A Comprehensive Review and Meta-Analysis of the First 6 Months of Pandemic Reporting. <i>Frontiers in Neurology</i> , 2021, 12, 664599. | 1.1 | 19 |
| 36 | Tracheostomy Timing and Outcome in Severe COVID-19: The WeanTrach Multicenter Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 2651. | 1.0 | 18 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | The Role of Dysbiosis in Critically Ill Patients With COVID-19 and Acute Respiratory Distress Syndrome. <i>Frontiers in Medicine</i> , 2021, 8, 671714. | 1.2 | 17 |
| 38 | Ischaemic stroke-induced distal organ damage: pathophysiology and new therapeutic strategies. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 23. | 0.9 | 17 |
| 39 | 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. | 2.5 | 17 |
| 40 | Sigh in Patients With Acute Hypoxemic Respiratory Failure and ARDS. <i>Chest</i> , 2021, 159, 1426-1436. | 0.4 | 16 |
| 41 | Mechanical ventilation in neurocritical care setting: A clinical approach. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2021, 35, 207-220. | 1.7 | 15 |
| 42 | Extension of Collagen Deposition in COVID-19 Post Mortem Lung Samples and Computed Tomography Analysis Findings. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7498. | 1.8 | 15 |
| 43 | Pathophysiology and clinical consequences of arterial blood gases and pH after cardiac arrest. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 19. | 0.9 | 15 |
| 44 | The role of external ventricular drainage for the management of posterior cranial fossa tumours: a systematic review. <i>Neurosurgical Review</i> , 2021, 44, 1243-1253. | 1.2 | 14 |
| 45 | 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. | 1.6 | 14 |
| 46 | Short-Term Appraisal of the Effects and Safety of Manual Versus Ventilator Hyperinflation in an Animal Model of Severe Pneumonia. <i>Respiratory Care</i> , 2019, 64, 760-770. | 0.8 | 13 |
| 47 | The renin-angiotensin-aldosterone system: Role in pathogenesis and potential therapeutic target in COVID-19. <i>Pharmacology Research and Perspectives</i> , 2020, 8, e00623. | 1.1 | 13 |
| 48 | Emerging therapies for COVID-19 pneumonia. <i>Expert Opinion on Investigational Drugs</i> , 2020, 29, 633-637. | 1.9 | 13 |
| 49 | Driving Pressure During General Anesthesia for Open Abdominal Surgery (DESIGNATION): study protocol of a randomized clinical trial. <i>Trials</i> , 2020, 21, 198. | 0.7 | 13 |
| 50 | Novel Synthetic and Natural Therapies for Traumatic Brain Injury. <i>Current Neuropharmacology</i> , 2021, 19, 1661-1687. | 1.4 | 13 |
| 51 | Escalate and De-Escalate Therapies for Intracranial Pressure Control in Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2020, 11, 564751. | 1.1 | 12 |
| 52 | Ten things you need to know about intensive care unit management of mechanically ventilated patients with COVID-19. <i>Expert Review of Respiratory Medicine</i> , 2021, 15, 1293-1302. | 1.0 | 12 |
| 53 | An Experimental Pre-Post Study on the Efficacy of Respiratory Physiotherapy in Severe Critically Ill COVID-19 Patients. <i>Journal of Clinical Medicine</i> , 2021, 10, 2139. | 1.0 | 12 |
| 54 | Early Effects of Passive Leg-Raising Test, Fluid Challenge, and Norepinephrine on Cerebral Autoregulation and Oxygenation in COVID-19 Critically Ill Patients. <i>Frontiers in Neurology</i> , 2021, 12, 674466. | 1.1 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Current pharmacotherapy for methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) pneumonia. Expert Opinion on Pharmacotherapy, 2022, 23, 361-375. | 0.9 | 12 |
| 56 | Escalation therapy in severe traumatic brain injury: how long is intracranial pressure monitoring necessary?. Neurosurgical Review, 2021, 44, 2415-2423. | 1.2 | 11 |
| 57 | 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. | 1.8 | 11 |
| 58 | Perioperative anaesthetic management of patients with or at risk of acute distress respiratory syndrome undergoing emergency surgery. BMC Anesthesiology, 2019, 19, 153. | 0.7 | 10 |
| 59 | PEEP in thoracic anesthesia: pros and cons. Minerva Anestesiologica, 2021, 87, 223-229. | 0.6 | 9 |
| 60 | The role of new antimicrobials for Gram-negative infections in daily clinical practice. Current Opinion in Infectious Diseases, 2020, 33, 495-500. | 1.3 | 9 |
| 61 | 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. | 0.7 | 8 |
| 62 | Comparative effects of dexmedetomidine and propofol on brain and lung damage in experimental acute ischemic stroke. Scientific Reports, 2021, 11, 23133. | 1.6 | 8 |
| 63 | Early versus late intubation in COVID-19 patients failing helmet CPAP: A quantitative computed tomography study. Respiratory Physiology and Neurobiology, 2022, 301, 103889. | 0.7 | 8 |
| 64 | Neuromonitoring during general anesthesia in non-neurologic surgery. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2021, 35, 255-266. | 1.7 | 7 |
| 65 | How do you manage ANTICOagulant therapy in neurosurgery? The ANTICO survey of the Italian Society of Neurosurgery (SINCH). BMC Neurology, 2021, 21, 98. | 0.8 | 7 |
| 66 | The Importance of Neuromonitoring in Non Brain Injured Patients. Critical Care, 2022, 26, 78. | 2.5 | 7 |
| 67 | Lateral position during severe mono-lateral pneumonia: an experimental study. Scientific Reports, 2020, 10, 19372. | 1.6 | 6 |
| 68 | 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. | 0.7 | 6 |
| 69 | 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. | 1.0 | 6 |
| 70 | 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. | 1.1 | 5 |
| 71 | The Use of Noninvasive Multimodal Neuromonitoring in Adult Critically Ill Patients With COVID-19 Infection. Journal of Neurosurgical Anesthesiology, 2023, 35, 423-428. | 0.6 | 5 |
| 72 | 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. | 0.9 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Optimal approaches to preventing severe community-acquired pneumonia. <i>Expert Review of Respiratory Medicine</i> , 2019, 13, 1005-1018. | 1.0 | 4 |
| 74 | Acquisition of skills in critical emergency medicine: an experimental study on the SIAARTI Academy CREM experience. <i>Minerva Anestesiologica</i> , 2021, 87, 1174-1182. | 0.6 | 4 |
| 75 | 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. | 1.1 | 4 |
| 76 | An in-vitro study to evaluate high-volume low-pressure endotracheal tube cuff deflation dynamics. <i>Minerva Anestesiologica</i> , 2019, 85, 846-853. | 0.6 | 3 |
| 77 | Effects of distancing and pattern of breathing on the filtering capability of commercial and custom-made facial masks: An in-vitro study. <i>PLoS ONE</i> , 2021, 16, e0250432. | 1.1 | 3 |
| 78 | Pituitary Dysfunction After Aneurysmal Subarachnoid Hemorrhage. <i>Journal of Neurosurgical Anesthesiology</i> , 2020, Publish Ahead of Print, 44-50. | 0.6 | 3 |
| 79 | 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. | 0.8 | 3 |
| 80 | Inâ€ˆvitro analysis of a novel â€ˆaddâ€ˆonâ€ˆ™ silicone cuff to improve sealing properties of tracheal tubes. <i>Anaesthesia</i> , 2018, 73, 1372-1381. | 1.8 | 2 |
| 81 | 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€ˆ“AFTERCOR. <i>Frontiers in Medicine</i> , 2021, 8, 738086. | 1.2 | 2 |
| 82 | 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. <i>Frontiers in Bioscience</i> , 2021, 26, 405. | 0.8 | 2 |
| 83 | Mechanical ventilationâ€ˆ”PEEP. , 2022, , 33-42. | | 2 |
| 84 | 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. | 1.2 | 2 |
| 85 | Efficacy of Telavancin in Comparison to Linezolid in a Porcine Model of Severe Methicillin-Resistant <i>Staphylococcus aureus</i> Pneumonia. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 65, . | 1.4 | 1 |
| 86 | Response to letter to the editor: catastrophic antiphospholipid antibody syndrome and multiple organ dysfunctions in critically ill patients with COVID-19. <i>Expert Review of Respiratory Medicine</i> , 2020, 14, 1073-1074. | 1.0 | 1 |
| 87 | Corticosteroid therapy combined with antibiotics for severe <i>Streptococcus pneumoniae</i> pneumonia in ventilated piglets. , 2019, , . | | 1 |
| 88 | Ten False Beliefs About Mechanical Ventilation in Patients with Brain Injury. <i>Annual Update in Intensive Care and Emergency Medicine</i> , 2020, , 441-455. | 0.1 | 1 |
| 89 | Type of ICP monitor. , 2022, , 193-202. | | 1 |
| 90 | 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. | 0.7 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Prone positioning in COVID-19 ARDS: more pros than cons. <i>Jornal Brasileiro De Pneumologia</i> , 2022, 48, e20220065. | 0.4 | 1 |
| 92 | Pulmonary Injury Caused by Severe Pneumococcal Pneumonia: Appraisal of the Benefits of Corticosteroids and Macrolides. , 2020, , . | | 0 |
| 93 | Setting intraoperative positive end expiratory pressure: how to be protective. <i>Journal of Emergency and Critical Care Medicine</i> , 2020, 4, 7-7. | 0.7 | 0 |
| 94 | 001â€¦Neurological manifestations of coronavirus disease 2019: a comprehensive review. , 2021, , . | | 0 |
| 95 | 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 |
| 96 | Devotion, Saints and modern infections: Can we learn something from the past?. <i>Ethics, Medicine and Public Health</i> , 2021, 18, 100689. | 0.5 | 0 |
| 97 | Telavancin vs. linezolid in an animal model of severe MRSA pneumonia. , 2018, , . | | 0 |
| 98 | Safety of cough assist set at different pressure levels in an animal model of mechanical ventilation. , 2018, , . | | 0 |
| 99 | Prevalence and risk factors of sepsis in very old patients with CAP. , 2019, , . | | 0 |
| 100 | Traumatic brain injury and translational research: pharmacological and nonpharmacological perspectives. , 2022, , 139-154. | | 0 |
| 101 | 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). <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 0 |
| 102 | 141: NEUROLOGIC AND NEUROPSYCHIATRIC MANIFESTATIONS OF POST-COVID-19 SYNDROME: A META-ANALYSIS. <i>Critical Care Medicine</i> , 2022, 50, 54-54. | 0.4 | 0 |
| 103 | Long-Term Impact in Intensive Care Survivors of Coronavirus Disease-19 (AFTERCOR Study): Preliminary 3-Month Analysis After ICU Discharge. , 2022, , . | | 0 |
| 104 | The Impact of Different Ventilatory Strategies on Clinical Outcomes in Patients with COVID-19 Pneumonia. <i>Journal of Clinical Medicine</i> , 2022, 11, 2710. | 1.0 | 0 |