

Gianluigi Li Bassi

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

3,058
citations

159585
30
h-index

175258
52
g-index

119
all docs

119
docs citations

119
times ranked

3315
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | International ERS/ESICM/ESCMID/ALAT guidelines for the management of hospital-acquired pneumonia and ventilator-associated pneumonia. <i>European Respiratory Journal</i> , 2017, 50, 1700582. | 6.7 | 792 |
| 2 | New Sepsis Definition (Sepsis-3) and Community-acquired Pneumonia Mortality. A Validation and Clinical Decision-Making Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 1287-1297. | 5.6 | 142 |
| 3 | Following tracheal intubation, mucus flow is reversed in the semirecumbent position: Possible role in the pathogenesis of ventilator-associated pneumonia. <i>Critical Care Medicine</i> , 2008, 36, 518-525. | 0.9 | 117 |
| 4 | Intensive care unit-acquired pneumonia due to <i>Pseudomonas aeruginosa</i> with and without multidrug resistance. <i>Journal of Infection</i> , 2017, 74, 142-152. | 3.3 | 83 |
| 5 | Venovenous extracorporeal membrane oxygenation in patients with acute covid-19 associated respiratory failure: comparative effectiveness study. <i>BMJ</i> , The, 2022, 377, e068723. | 6.0 | 63 |
| 6 | Antibacterial-coated tracheal tubes cleaned with the Mucus Shaver. <i>Intensive Care Medicine</i> , 2006, 32, 888-893. | 8.2 | 62 |
| 7 | COVID-19 symptoms at hospital admission vary with age and sex: results from the ISARIC prospective multinational observational study. <i>Infection</i> , 2021, 49, 889-905. | 4.7 | 62 |
| 8 | Antimicrobial-coated endotracheal tubes: an experimental study. <i>Intensive Care Medicine</i> , 2008, 34, 1020-1029. | 8.2 | 61 |
| 9 | Effects of thoraco-pelvic supports during prone position in patients with acute lung injury/acute respiratory distress syndrome: a physiological study. <i>Critical Care</i> , 2006, 10, R87. | 5.8 | 60 |
| 10 | Validation of Predictors of Adverse Outcomes in Hospital-Acquired Pneumonia in the ICU*. <i>Critical Care Medicine</i> , 2013, 41, 2151-2161. | 0.9 | 60 |
| 11 | Novel System for Complete Removal of Secretions within the Endotracheal Tube. <i>Anesthesiology</i> , 2005, 102, 1063-1065. | 2.5 | 56 |
| 12 | ECMO use in COVID-19: lessons from past respiratory virus outbreaks—a narrative review. <i>Critical Care</i> , 2020, 24, 301. | 5.8 | 56 |
| 13 | Effects of duty cycle and positive end-expiratory pressure on mucus clearance during mechanical ventilation*. <i>Critical Care Medicine</i> , 2012, 40, 895-902. | 0.9 | 53 |
| 14 | Ventilator-Associated Pneumonia. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2014, 35, 469-481. | 2.1 | 52 |
| 15 | An In Vitro Study to Assess Determinant Features Associated With Fluid Sealing in the Design of Endotracheal Tube Cuffs and Exerted Tracheal Pressures*. <i>Critical Care Medicine</i> , 2013, 41, 518-526. | 0.9 | 51 |
| 16 | Ventilator-associated pneumonia: role of positioning. <i>Current Opinion in Critical Care</i> , 2011, 17, 57-63. | 3.2 | 47 |
| 17 | Continuous control of tracheal cuff pressure for VAP prevention: a collaborative meta-analysis of individual participant data. <i>Annals of Intensive Care</i> , 2015, 5, 43. | 4.6 | 47 |
| 18 | Evaluation of the 2016 Infectious Diseases Society of America/American Thoracic Society Guideline Criteria for Risk of Multidrug-Resistant Pathogens in Patients with Hospital-acquired and Ventilator-associated Pneumonia in the ICU. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 826-830. | 5.6 | 46 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | A 72-hour study to test the efficacy and safety of the "Mucus Slurper" in mechanically ventilated sheep. <i>Critical Care Medicine</i> , 2007, 35, 906-911. | 0.9 | 44 |
| 20 | The effect of different volumes and temperatures of saline on the bladder pressure measurement in critically ill patients. <i>Critical Care</i> , 2007, 11, R82. | 5.8 | 42 |
| 21 | Assessment of Severity of ICU-Acquired Pneumonia and Association With Etiology. <i>Critical Care Medicine</i> , 2014, 42, 303-312. | 0.9 | 42 |
| 22 | Effects of Manual Rib Cage Compressions on Expiratory Flow and Mucus Clearance During Mechanical Ventilation*. <i>Critical Care Medicine</i> , 2013, 41, 850-856. | 0.9 | 41 |
| 23 | Polymicrobial intensive care unit-acquired pneumonia: prevalence, microbiology and outcome. <i>Critical Care</i> , 2015, 19, 450. | 5.8 | 41 |
| 24 | Summary of the international clinical guidelines for the management of hospital-acquired and ventilator-acquired pneumonia. <i>ERJ Open Research</i> , 2018, 4, 00028-2018. | 2.6 | 41 |
| 25 | Prevention of ventilator-associated pneumonia. <i>Current Opinion in Infectious Diseases</i> , 2017, 30, 214-220. | 3.1 | 38 |
| 26 | Efficacy of linezolid compared to vancomycin in an experimental model of pneumonia induced by methicillin-resistant <i>Staphylococcus aureus</i> in ventilated pigs*. <i>Critical Care Medicine</i> , 2012, 40, 162-168. | 0.9 | 37 |
| 27 | Association between systemic corticosteroids and outcomes of intensive care unit-acquired pneumonia*. <i>Critical Care Medicine</i> , 2012, 40, 2552-2561. | 0.9 | 36 |
| 28 | Randomized, multicenter trial of lateral Trendelenburg versus semirecumbent body position for the prevention of ventilator-associated pneumonia. <i>Intensive Care Medicine</i> , 2017, 43, 1572-1584. | 8.2 | 36 |
| 29 | Clinical characteristics, risk factors and outcomes in patients with severe COVID-19 registered in the International Severe Acute Respiratory and Emerging Infection Consortium WHO clinical characterisation protocol: a prospective, multinational, multicentre, observational study. <i>ERJ Open Research</i> , 2022, 8, 00552-2021. | 2.6 | 33 |
| 30 | A Novel Porcine Model of Ventilator-associated Pneumonia Caused by Oropharyngeal Challenge with <i>Pseudomonas aeruginosa</i> . <i>Anesthesiology</i> , 2014, 120, 1205-1215. | 2.5 | 32 |
| 31 | The Mucus Slurper: a novel tracheal tube that requires no tracheal tube suctioning. A preliminary report. <i>Intensive Care Medicine</i> , 2006, 32, 1414-1418. | 8.2 | 30 |
| 32 | Direct analysis of bacterial viability in endotracheal tube biofilm from a pig model of methicillin-resistant <i>Staphylococcus aureus</i> pneumonia following antimicrobial therapy. <i>FEMS Immunology and Medical Microbiology</i> , 2012, 65, 309-317. | 2.7 | 28 |
| 33 | Gravity Predominates Over Ventilatory Pattern in the Prevention of Ventilator-Associated Pneumonia. <i>Critical Care Medicine</i> , 2014, 42, e620-e627. | 0.9 | 28 |
| 34 | Beneficial Effect of Prone Positioning During Venovenous Extracorporeal Membrane Oxygenation for Coronavirus Disease 2019*. <i>Critical Care Medicine</i> , 2022, 50, 275-285. | 0.9 | 28 |
| 35 | Linezolid limits burden of methicillin-resistant <i>Staphylococcus aureus</i> in biofilm of tracheal tubes. <i>Critical Care Medicine</i> , 2012, 40, 2385-2389. | 0.9 | 25 |
| 36 | Invasive and non-invasive diagnostic approaches for microbiological diagnosis of hospital-acquired pneumonia. <i>Critical Care</i> , 2019, 23, 51. | 5.8 | 24 |

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|----|--|-----|-----------|
| 37 | Endotracheal Tubes for Critically Ill Patients. Chest, 2015, 147, 1327-1335. | 0.8 | 23 |
| 38 | ICU-Acquired Pneumonia With or Without Etiologic Diagnosis. Critical Care Medicine, 2013, 41, 2133-2143. | 0.9 | 22 |
| 39 | Endotracheal tube biofilm translocation in the lateral Trendelenburg position. Critical Care, 2015, 19, 59. | 5.8 | 22 |
| 40 | 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 |
| 41 | Airborne spread of SARS-CoV-2 while using high-flow nasal cannula oxygen therapy: myth or reality?. Intensive Care Medicine, 2020, 46, 2248-2251. | 8.2 | 21 |
| 42 | An appraisal of respiratory system compliance in mechanically ventilated covid-19 patients. Critical Care, 2021, 25, 199. | 5.8 | 21 |
| 43 | Impact of chronic liver disease in intensive care unit acquired pneumonia: a prospective study. Intensive Care Medicine, 2013, 39, 1776-1784. | 8.2 | 20 |
| 44 | 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 |
| 45 | Assessment of in vivo versus in vitro biofilm formation of clinical methicillin-resistant Staphylococcus aureus isolates from endotracheal tubes. Scientific Reports, 2018, 8, 11906. | 3.3 | 19 |
| 46 | 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 |
| 47 | Comparative efficacy of linezolid and vancomycin for endotracheal tube MRSA biofilms from ICU patients. Critical Care, 2019, 23, 251. | 5.8 | 17 |
| 48 | Design and rationale of the COVID-19 Critical Care Consortium international, multicentre, observational study. BMJ Open, 2020, 10, e041417. | 1.9 | 17 |
| 49 | Nebulized Amikacin and Fosfomycin for Severe Pseudomonas aeruginosa Pneumonia. Critical Care Medicine, 2019, 47, e470-e477. | 0.9 | 15 |
| 50 | Impact of COPD in the Outcome of ICU-Acquired Pneumonia With and Without Previous Intubation. Chest, 2015, 147, 1530-1538. | 0.8 | 14 |
| 51 | The zero-VAP sophistry and controversies surrounding prevention of ventilator-associated pneumonia. Intensive Care Medicine, 2020, 46, 368-371. | 8.2 | 14 |
| 52 | Do guidelines change outcomes in ventilator-associated pneumonia?. Current Opinion in Infectious Diseases, 2010, 23, 171-177. | 3.1 | 13 |
| 53 | Ventilator-Associated Pneumonia and PaO ₂ /FIO ₂ Diagnostic Accuracy: Changing the Paradigm?. Journal of Clinical Medicine, 2019, 8, 1217. | 2.4 | 13 |
| 54 | 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 |

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|----|---|-----|-----------|
| 55 | Characterizing preclinical sub-phenotypic models of acute respiratory distress syndrome: An experimental ovine study. <i>Physiological Reports</i> , 2021, 9, e15048. | 1.7 | 13 |
| 56 | Body Position and Ventilator-Associated Pneumonia Prevention. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2017, 38, 371-380. | 2.1 | 12 |
| 57 | Extracorporeal Membrane Oxygenation-Induced Hemolysis: An In Vitro Study to Appraise Causative Factors. <i>Membranes</i> , 2021, 11, 313. | 3.0 | 12 |
| 58 | Coagulation Dysfunction in Acute Respiratory Distress Syndrome and Its Potential Impact in Inflammatory Subphenotypes. <i>Frontiers in Medicine</i> , 2021, 8, 723217. | 2.6 | 11 |
| 59 | Effects of Mechanical Insufflation-Exsufflation on Sputum Volume in Mechanically Ventilated Critically Ill Subjects. <i>Respiratory Care</i> , 2021, 66, 1371-1379. | 1.6 | 10 |
| 60 | Diagnostic accuracy of Gram staining when predicting staphylococcal hospital-acquired pneumonia and ventilator-associated pneumonia: a systematic review and meta-analysis. <i>Clinical Microbiology and Infection</i> , 2020, 26, 1456-1463. | 6.0 | 9 |
| 61 | Early short course of neuromuscular blocking agents in patients with COVID-19 ARDS: a propensity score analysis. <i>Critical Care</i> , 2022, 26, 141. | 5.8 | 9 |
| 62 | Mobile Extracorporeal Membrane Oxygenation for Covid-19 Does Not Pose Extra Risk to Transport Team. <i>ASAIO Journal</i> , 2021, Publish Ahead of Print, . | 1.6 | 8 |
| 63 | Systematic Implementation of Evidence-Based Guidelines in Intensive Care Medicine. <i>Critical Care Medicine</i> , 2013, 41, 329-331. | 0.9 | 7 |
| 64 | Hippocampal Damage During Mechanical Ventilation in Trendelenburg Position: A Secondary Analysis of an Experimental Study on the Prevention of Ventilator-Associated Pneumonia. <i>Shock</i> , 2019, 52, 75-82. | 2.1 | 7 |
| 65 | Heart failure supported by veno-arterial extracorporeal membrane oxygenation (ECMO): a systematic review of pre-clinical models. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 16. | 1.9 | 7 |
| 66 | Diagnostic Value of Endotracheal Aspirates Sonication on Ventilator-Associated Pneumonia Microbiologic Diagnosis. <i>Microorganisms</i> , 2017, 5, 62. | 3.6 | 6 |
| 67 | Lateral position during severe mono-lateral pneumonia: an experimental study. <i>Scientific Reports</i> , 2020, 10, 19372. | 3.3 | 6 |
| 68 | The effects of direct hemoperfusion using a polymyxin B-immobilized column in a pig model of severe <i>Pseudomonas aeruginosa</i> pneumonia. <i>Annals of Intensive Care</i> , 2016, 6, 58. | 4.6 | 5 |
| 69 | Is One Sample Enough? β -Lactam Target Attainment and Penetration into Epithelial Lining Fluid Based on Multiple Bronchoalveolar Lavage Sampling Time Points in a Swine Pneumonia Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, . | 3.2 | 5 |
| 70 | Appraisal of systemic inflammation and diagnostic markers in a porcine model of VAP: secondary analysis from a study on novel preventive strategies. <i>Intensive Care Medicine Experimental</i> , 2018, 6, 42. | 1.9 | 4 |
| 71 | Development of a model for anemia of inflammation that is relevant to critical care. <i>Intensive Care Medicine Experimental</i> , 2019, 7, 47. | 1.9 | 4 |
| 72 | An Ovine Model of Hemorrhagic Shock and Resuscitation, to Assess Recovery of Tissue Oxygen Delivery and Oxygen Debt, and Inform Patient Blood Management. <i>Shock</i> , 2021, 56, 1080-1091. | 2.1 | 4 |

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|----|--|-----|-----------|
| 73 | An innovative ovine model of severe cardiopulmonary failure supported by veno-arterial extracorporeal membrane oxygenation. <i>Scientific Reports</i> , 2021, 11, 20458. | 3.3 | 4 |
| 74 | Assessment of 28-Day In-Hospital Mortality in Mechanically Ventilated Patients With Coronavirus Disease 2019: An International Cohort Study. , 2021, 3, e0567. | | 4 |
| 75 | Impact of renin-angiotensin-aldosterone system inhibition on mortality in critically ill COVID-19 patients with pre-existing hypertension: a prospective cohort study. <i>BMC Cardiovascular Disorders</i> , 2022, 22, 123. | 1.7 | 4 |
| 76 | 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 |
| 77 | Continuous lateral rotation therapy to prevent ventilator-associated pneumonia: The neglected effects of gravity on pathogenesis of ventilator-associated pneumonia. <i>Critical Care Medicine</i> , 2010, 38, 1018-1019. | 0.9 | 3 |
| 78 | New Insights in Positioning Tracheally Intubated and Mechanically Ventilated Patients. <i>Clinical Pulmonary Medicine</i> , 2012, 19, 174-182. | 0.3 | 3 |
| 79 | Prone position and VAP incidence in the PROSEVA trial: attention to the causal question when interpreting competing risk analysis. <i>Intensive Care Medicine</i> , 2016, 42, 2119-2120. | 8.2 | 3 |
| 80 | Development of a device to reduce gastro-esophageal reflux in critically ill patients. <i>Clinical Nutrition Experimental</i> , 2016, 7, 1-8. | 2.0 | 3 |
| 81 | An in-vitro study to evaluate high-volume low-pressure endotracheal tube cuff deflation dynamics. <i>Minerva Anestesiologica</i> , 2019, 85, 846-853. | 1.0 | 3 |
| 82 | Association between sepsis at ICU admission and mortality in patients with ICU-acquired pneumonia: An infectious second-hit model. <i>Journal of Critical Care</i> , 2020, 59, 207-214. | 2.2 | 2 |
| 83 | Impact of Cardiovascular Failure in Intensive Care Unit-Acquired Pneumonia: A Single-Center, Prospective Study. <i>Antibiotics</i> , 2021, 10, 798. | 3.7 | 2 |
| 84 | 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. <i>Frontiers in Medicine</i> , 2021, 8, 738086. | 2.6 | 2 |
| 85 | Development and characterization of a new swine model of invasive pneumococcal pneumonia. <i>Lab Animal</i> , 2021, 50, 327-335. | 0.4 | 2 |
| 86 | Prone position during venovenous extracorporeal membrane oxygenation: survival analysis needed for a time-dependent intervention. <i>Critical Care</i> , 2022, 26, 39. | 5.8 | 2 |
| 87 | Silver-coated endotracheal tubes: Is the bactericidal effect time limited?. <i>Critical Care Medicine</i> , 2007, 35, 986. | 0.9 | 1 |
| 88 | Diagnosis of ventilator-associated pneumonia. <i>Critical Care Medicine</i> , 2012, 40, 3311-3312. | 0.9 | 1 |
| 89 | Oropharyngeal Decontamination With Antiseptics to Prevent Ventilator-Associated Pneumonia. <i>Critical Care Medicine</i> , 2014, 42, 188-190. | 0.9 | 1 |
| 90 | Expiratory Rib Cage Compressions to Improve Secretion Clearance During Mechanical Ventilation: Not Only a Matter of Squeezing the Chest. <i>Respiratory Care</i> , 2014, 59, e119-e120. | 1.6 | 1 |

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|-----|--|-----|-----------|
| 91 | Is Less More or Is It a Call for Evidence-Based Guidance?. Respiratory Care, 2018, 63, 632-634. | 1.6 | 1 |
| 92 | Characteristics and Outcomes in Patients with Ventilator-Associated Pneumonia Who Do or Do Not Develop Acute Respiratory Distress Syndrome. An Observational Study. Journal of Clinical Medicine, 2020, 9, 3508. | 2.4 | 1 |
| 93 | Short-Term Effects of Appropriate Empirical Antimicrobial Treatment with Ceftolozane/Tazobactam in a Swine Model of Nosocomial Pneumonia. Antimicrobial Agents and Chemotherapy, 2021, 65, . | 3.2 | 1 |
| 94 | Nosocomial Pneumonia. , 2011, , 464-480. | | 1 |
| 95 | Recovery of organ-specific tissue oxygen delivery at restrictive transfusion thresholds after fluid treatment in ovine haemorrhagic shock. Intensive Care Medicine Experimental, 2022, 10, 12. | 1.9 | 1 |
| 96 | A clinically relevant sheep model of orthotopic heart transplantation 24h after donor brainstem death. Intensive Care Medicine Experimental, 2021, 9, 60. | 1.9 | 1 |
| 97 | Differential Protein Expression among Two Different Ovine ARDS Phenotypesâ€”A Preclinical Randomized Study. Metabolites, 2022, 12, 655. | 2.9 | 1 |
| 98 | Slurping at the insideâ€”Do not forget to clean the outside too. Critical Care Medicine, 2007, 35, 1803-1804. | 0.9 | 0 |
| 99 | Should the ATS/IDSA Guidelines for Hospital-acquired and Ventilator-associated Pneumonia be Reevaluated?. Clinical Pulmonary Medicine, 2011, 18, 8-13. | 0.3 | 0 |
| 100 | The authors reply. Critical Care Medicine, 2013, 41, e135-e136. | 0.9 | 0 |
| 101 | Pulmonary Infections in Acute Respiratory Distress Syndrome. , 2017, , 341-360. | | 0 |
| 102 | Endotracheal tube management during mechanical ventilation: less is more!. Intensive Care Medicine, 2019, 45, 1632-1634. | 8.2 | 0 |
| 103 | Hypothermic Ex Vivo Perfusion: Protecting the Donor Heart and the Recipient. ASAIO Journal, 2020, 66, e99-e99. | 1.6 | 0 |
| 104 | 001â€”Neurological manifestations of coronavirus disease 2019: a comprehensive review. , 2021, , . | | 0 |
| 105 | 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 |
| 106 | Use of Neuromuscular Blocking Agents in Mechanically Ventilated Patients with COVID-19: A Propensity Score Analysis. SSRN Electronic Journal, 0, , . | 0.4 | 0 |
| 107 | Reducing Ventilation Associated Brain Injury by Diaphragm Neurostimulation : Racking the Diaphragm to Protect the Brain?. American Journal of Respiratory and Critical Care Medicine, 2021, , . | 5.6 | 0 |
| 108 | Hypothermic Ex Vivo Perfusion of Donor Hearts can Safely Preserve Postâ€”transplant Cardiac Function in Sheep for 8 Hours. FASEB Journal, 2022, 36, . | 0.5 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | Mechanical Ventilation in the Critically Ill Patient. Seminars in Respiratory and Critical Care Medicine, 0, , . | 2.1 | 0 |
| 110 | Nosocomial Pneumonia in the Mechanically Ventilated Patient. Seminars in Respiratory and Critical Care Medicine, 0, , . | 2.1 | 0 |