

# 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	Beneficial Effect of Prone Positioning During Venovenous Extracorporeal Membrane Oxygenation for Coronavirus Disease 2019*. Critical Care Medicine, 2022, 50, 275-285.	0.9	28
2	Prone position during venovenous extracorporeal membrane oxygenation: survival analysis needed for a time-dependent intervention. Critical Care, 2022, 26, 39.	5.8	2
3	Impact of renin-angiotensin-aldosterone system inhibition on mortality in critically ill COVID-19 patients with pre-existing hypertension: a prospective cohort study. BMC Cardiovascular Disorders, 2022, 22, 123.	1.7	4
4	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
5	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. ERJ Open Research, 2022, 8, 00552-2021.	2.6	33
6	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.	2.4	4
7	Venovenous extracorporeal membrane oxygenation in patients with acute covid-19 associated respiratory failure: comparative effectiveness study. BMJ, The, 2022, 377, e068723.	6.0	63
8	Hypothermic Ex Vivo Perfusion of Donor Hearts can Safely Preserve Post-transplant Cardiac Function in Sheep for 8 Hours. FASEB Journal, 2022, 36, .	0.5	0
9	Early short course of neuromuscular blocking agents in patients with COVID-19 ARDS: a propensity score analysis. Critical Care, 2022, 26, 141.	5.8	9
10	Differential Protein Expression among Two Different Ovine ARDS Phenotypes: A Preclinical Randomized Study. Metabolites, 2022, 12, 655.	2.9	1
11	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
12	Extracorporeal Membrane Oxygenation-Induced Hemolysis: An In Vitro Study to Appraise Causative Factors. Membranes, 2021, 11, 313.	3.0	12
13	An Ovine Model of Hemorrhagic Shock and Resuscitation, to Assess Recovery of Tissue Oxygen Delivery and Oxygen Debt, and Inform Patient Blood Management. Shock, 2021, 56, 1080-1091.	2.1	4
14	An appraisal of respiratory system compliance in mechanically ventilated covid-19 patients. Critical Care, 2021, 25, 199.	5.8	21
15	COVID-19 symptoms at hospital admission vary with age and sex: results from the ISARIC prospective multinational observational study. Infection, 2021, 49, 889-905.	4.7	62
16	Effects of Mechanical Insufflation-Exsufflation on Sputum Volume in Mechanically Ventilated Critically Ill Subjects. Respiratory Care, 2021, 66, 1371-1379.	1.6	10
17	Impact of Cardiovascular Failure in Intensive Care Unit-Acquired Pneumonia: A Single-Center, Prospective Study. Antibiotics, 2021, 10, 798.	3.7	2
18	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

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19	001â€¦Neurological manifestations of coronavirus disease 2019: a comprehensive review. , 2021, , .		0
20	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
21	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
22	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.	2.4	19
23	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. <i>Frontiers in Medicine</i> , 2021, 8, 738086.	2.6	2
24	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
25	Development and characterization of a new swine model of invasive pneumococcal pneumonia. <i>Lab Animal</i> , 2021, 50, 327-335.	0.4	2
26	Reducing Ventilation Associated Brain Injury by Diaphragm Neurostimulation : Racking the Diaphragm to Protect the Brain?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, , .	5.6	0
27	Characterizing preclinical subâ€phenotypic models of acute respiratory distress syndrome: An experimental ovine study. <i>Physiological Reports</i> , 2021, 9, e15048.	1.7	13
28	Assessment of 28-Day In-Hospital Mortality in Mechanically Ventilated Patients With Coronavirus Disease 2019: An International Cohort Study. , 2021, 3, e0567.		4
29	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
30	A clinically relevant sheep model of orthotopic heart transplantation 24Âh after donor brainstem death. <i>Intensive Care Medicine Experimental</i> , 2021, 9, 60.	1.9	1
31	The zero-VAP sophistry and controversies surrounding prevention of ventilator-associated pneumonia. <i>Intensive Care Medicine</i> , 2020, 46, 368-371.	8.2	14
32	Hypothermic Ex Vivo Perfusion: Protecting the Donor Heart and the Recipient. <i>ASAIO Journal</i> , 2020, 66, e99-e99.	1.6	0
33	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
34	Airborne spread of SARS-CoV-2 while using high-flow nasal cannula oxygen therapy: myth or reality?. <i>Intensive Care Medicine</i> , 2020, 46, 2248-2251.	8.2	21
35	Lateral position during severe mono-lateral pneumonia: an experimental study. <i>Scientific Reports</i> , 2020, 10, 19372.	3.3	6
36	Characteristics and Outcomes in Patients with Ventilator-Associated Pneumonia Who Do or Do Not Develop Acute Respiratory Distress Syndrome. An Observational Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 3508.	2.4	1

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37	ECMO use in COVID-19: lessons from past respiratory virus outbreaks—a narrative review. <i>Critical Care</i> , 2020, 24, 301.	5.8	56
38	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
39	Design and rationale of the COVID-19 Critical Care Consortium international, multicentre, observational study. <i>BMJ Open</i> , 2020, 10, e041417.	1.9	17
40	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
41	Ventilator-Associated Pneumonia and PaO <sub>2</sub> /FIO <sub>2</sub> Diagnostic Accuracy: Changing the Paradigm?. <i>Journal of Clinical Medicine</i> , 2019, 8, 1217.	2.4	13
42	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
43	Comparative efficacy of linezolid and vancomycin for endotracheal tube MRSA biofilms from ICU patients. <i>Critical Care</i> , 2019, 23, 251.	5.8	17
44	Endotracheal tube management during mechanical ventilation: less is more!. <i>Intensive Care Medicine</i> , 2019, 45, 1632-1634.	8.2	0
45	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.	1.6	13
46	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
47	Invasive and non-invasive diagnostic approaches for microbiological diagnosis of hospital-acquired pneumonia. <i>Critical Care</i> , 2019, 23, 51.	5.8	24
48	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
49	Nebulized Amikacin and Fosfomycin for Severe <i>Pseudomonas aeruginosa</i> Pneumonia. <i>Critical Care Medicine</i> , 2019, 47, e470-e477.	0.9	15
50	Is One Sample Enough? $\beta$ -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
51	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
52	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
53	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.	5.8	21
54	Is Less More or Is It a Call for Evidence-Based Guidance?. <i>Respiratory Care</i> , 2018, 63, 632-634.	1.6	1

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55	Summary of the international clinical guidelines for the management of hospital-acquired and ventilator-acquired pneumonia. ERJ Open Research, 2018, 4, 00028-2018.	2.6	41
56	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
57	Pulmonary Infections in Acute Respiratory Distress Syndrome. , 2017, , 341-360.		0
58	New Sepsis Definition (Sepsis-3) and Community-acquired Pneumonia Mortality. A Validation and Clinical Decision-Making Study. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 1287-1297.	5.6	142
59	Body Position and Ventilator-Associated Pneumonia Prevention. Seminars in Respiratory and Critical Care Medicine, 2017, 38, 371-380.	2.1	12
60	Prevention of ventilator-associated pneumonia. Current Opinion in Infectious Diseases, 2017, 30, 214-220.	3.1	38
61	Randomized, multicenter trial of lateral Trendelenburg versus semirecumbent body position for the prevention of ventilator-associated pneumonia. Intensive Care Medicine, 2017, 43, 1572-1584.	8.2	36
62	International ERS/ESICM/ESCMID/ALAT guidelines for the management of hospital-acquired pneumonia and ventilator-associated pneumonia. European Respiratory Journal, 2017, 50, 1700582.	6.7	792
63	Intensive care unit-acquired pneumonia due to Pseudomonas aeruginosa with and without multidrug resistance. Journal of Infection, 2017, 74, 142-152.	3.3	83
64	Diagnostic Value of Endotracheal Aspirates Sonication on Ventilator-Associated Pneumonia Microbiologic Diagnosis. Microorganisms, 2017, 5, 62.	3.6	6
65	The effects of direct hemoperfusion using a polymyxin B-immobilized column in a pig model of severe Pseudomonas aeruginosa pneumonia. Annals of Intensive Care, 2016, 6, 58.	4.6	5
66	Prone position and VAP incidence in the PROSEVA trial: attention to the causal question when interpreting competing risk analysis. Intensive Care Medicine, 2016, 42, 2119-2120.	8.2	3
67	Development of a device to reduce gastro-esophageal reflux in critically ill patients. Clinical Nutrition Experimental, 2016, 7, 1-8.	2.0	3
68	Polymicrobial intensive care unit-acquired pneumonia: prevalence, microbiology and outcome. Critical Care, 2015, 19, 450.	5.8	41
69	Continuous control of tracheal cuff pressure for VAP prevention: a collaborative meta-analysis of individual participant data. Annals of Intensive Care, 2015, 5, 43.	4.6	47
70	Impact of COPD in the Outcome of ICU-Acquired Pneumonia With and Without Previous Intubation. Chest, 2015, 147, 1530-1538.	0.8	14
71	Endotracheal Tubes for Critically Ill Patients. Chest, 2015, 147, 1327-1335.	0.8	23
72	Endotracheal tube biofilm translocation in the lateral Trendelenburg position. Critical Care, 2015, 19, 59.	5.8	22

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73	Oropharyngeal Decontamination With Antiseptics to Prevent Ventilator-Associated Pneumonia. Critical Care Medicine, 2014, 42, 188-190.	0.9	1
74	Ventilator-Associated Pneumonia. Seminars in Respiratory and Critical Care Medicine, 2014, 35, 469-481.	2.1	52
75	Expiratory Rib Cage Compressions to Improve Secretion Clearance During Mechanical Ventilation: Not Only a Matter of Squeezing the Chest. Respiratory Care, 2014, 59, e119-e120.	1.6	1
76	Assessment of Severity of ICU-Acquired Pneumonia and Association With Etiology. Critical Care Medicine, 2014, 42, 303-312.	0.9	42
77	A Novel Porcine Model of Ventilator-associated Pneumonia Caused by Oropharyngeal Challenge with <i>Pseudomonas aeruginosa</i> . Anesthesiology, 2014, 120, 1205-1215.	2.5	32
78	Gravity Predominates Over Ventilatory Pattern in the Prevention of Ventilator-Associated Pneumonia. Critical Care Medicine, 2014, 42, e620-e627.	0.9	28
79	Impact of chronic liver disease in intensive care unit acquired pneumonia: a prospective study. Intensive Care Medicine, 2013, 39, 1776-1784.	8.2	20
80	ICU-Acquired Pneumonia With or Without Etiologic Diagnosis. Critical Care Medicine, 2013, 41, 2133-2143.	0.9	22
81	Validation of Predictors of Adverse Outcomes in Hospital-Acquired Pneumonia in the ICU*. Critical Care Medicine, 2013, 41, 2151-2161.	0.9	60
82	Systematic Implementation of Evidence-Based Guidelines in Intensive Care Medicine. Critical Care Medicine, 2013, 41, 329-331.	0.9	7
83	An In Vitro Study to Assess Determinant Features Associated With Fluid Sealing in the Design of Endotracheal Tube Cuffs and Exerted Tracheal Pressures*. Critical Care Medicine, 2013, 41, 518-526.	0.9	51
84	The authors reply. Critical Care Medicine, 2013, 41, e135-e136.	0.9	0
85	Effects of Manual Rib Cage Compressions on Expiratory Flow and Mucus Clearance During Mechanical Ventilation*. Critical Care Medicine, 2013, 41, 850-856.	0.9	41
86	New Insights in Positioning Tracheally Intubated and Mechanically Ventilated Patients. Clinical Pulmonary Medicine, 2012, 19, 174-182.	0.3	3
87	Effects of duty cycle and positive end-expiratory pressure on mucus clearance during mechanical ventilation*. Critical Care Medicine, 2012, 40, 895-902.	0.9	53
88	Linezolid limits burden of methicillin-resistant Staphylococcus aureus in biofilm of tracheal tubes. Critical Care Medicine, 2012, 40, 2385-2389.	0.9	25
89	Diagnosis of ventilator-associated pneumonia. Critical Care Medicine, 2012, 40, 3311-3312.	0.9	1
90	Association between systemic corticosteroids and outcomes of intensive care unit-acquired pneumonia*. Critical Care Medicine, 2012, 40, 2552-2561.	0.9	36

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91	Efficacy of linezolid compared to vancomycin in an experimental model of pneumonia induced by methicillin-resistant <i>Staphylococcus aureus</i> in ventilated pigs*. Critical Care Medicine, 2012, 40, 162-168.	0.9	37
92	Direct analysis of bacterial viability in endotracheal tube biofilm from a pig model of methicillin-resistant <i>Staphylococcus aureus</i> pneumonia following antimicrobial therapy. FEMS Immunology and Medical Microbiology, 2012, 65, 309-317.	2.7	28
93	Should the ATS/IDSA Guidelines for Hospital-acquired and Ventilator-associated Pneumonia be Reevaluated?. Clinical Pulmonary Medicine, 2011, 18, 8-13.	0.3	0
94	Ventilator-associated pneumonia: role of positioning. Current Opinion in Critical Care, 2011, 17, 57-63.	3.2	47
95	Nosocomial Pneumonia. , 2011, , 464-480.		1
96	Do guidelines change outcomes in ventilator-associated pneumonia?. Current Opinion in Infectious Diseases, 2010, 23, 171-177.	3.1	13
97	Continuous lateral rotation therapy to prevent ventilator-associated pneumonia: The neglected effects of gravity on pathogenesis of ventilator-associated pneumonia. Critical Care Medicine, 2010, 38, 1018-1019.	0.9	3
98	Antimicrobial-coated endotracheal tubes: an experimental study. Intensive Care Medicine, 2008, 34, 1020-1029.	8.2	61
99	Following tracheal intubation, mucus flow is reversed in the semirecumbent position: Possible role in the pathogenesis of ventilator-associated pneumonia. Critical Care Medicine, 2008, 36, 518-525.	0.9	117
100	Silver-coated endotracheal tubes: Is the bactericidal effect time limited?. Critical Care Medicine, 2007, 35, 986.	0.9	1
101	Slurping at the inside—Do not forget to clean the outside too. Critical Care Medicine, 2007, 35, 1803-1804.	0.9	0
102	A 72-hour study to test the efficacy and safety of the “Mucus Slurper” in mechanically ventilated sheep. Critical Care Medicine, 2007, 35, 906-911.	0.9	44
103	The effect of different volumes and temperatures of saline on the bladder pressure measurement in critically ill patients. Critical Care, 2007, 11, R82.	5.8	42
104	Effects of thoraco-pelvic supports during prone position in patients with acute lung injury/acute respiratory distress syndrome: a physiological study. Critical Care, 2006, 10, R87.	5.8	60
105	Antibacterial-coated tracheal tubes cleaned with the Mucus Shaver. Intensive Care Medicine, 2006, 32, 888-893.	8.2	62
106	The Mucus Slurper: a novel tracheal tube that requires no tracheal tube suctioning. A preliminary report. Intensive Care Medicine, 2006, 32, 1414-1418.	8.2	30
107	Novel System for Complete Removal of Secretions within the Endotracheal Tube. Anesthesiology, 2005, 102, 1063-1065.	2.5	56
108	Use of Neuromuscular Blocking Agents in Mechanically Ventilated Patients with COVID-19: A Propensity Score Analysis. SSRN Electronic Journal, 0, , .	0.4	0

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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