

Stefano Busani

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

2,290
citations

279798

23
h-index

233421

45
g-index

88
all docs

88
docs citations

88
times ranked

3836
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Conservative vs Conventional Oxygen Therapy on Mortality Among Patients in an Intensive Care Unit. <i>JAMA - Journal of the American Medical Association</i> , 2016, 316, 1583.	7.4	523
2	Effect of Performance Improvement Programs on Compliance with Sepsis Bundles and Mortality: A Systematic Review and Meta-Analysis of Observational Studies. <i>PLoS ONE</i> , 2015, 10, e0125827.	2.5	188
3	Association of Toll-like receptor 7 variants with life-threatening COVID-19 disease in males: findings from a nested case-control study. <i>ELife</i> , 2021, 10, .	6.0	145
4	Altered bioenergetics and mitochondrial dysfunction of monocytes in patients with COVID-19 pneumonia. <i>EMBO Molecular Medicine</i> , 2020, 12, e13001.	6.9	133
5	Pathophysiology of Bleeding in Surgery. <i>Transplantation Proceedings</i> , 2006, 38, 812-814.	0.6	99
6	Perioperative Red Blood Cell Transfusion and Outcome in Stable Patients after Elective Major Vascular Surgery. <i>European Journal of Vascular and Endovascular Surgery</i> , 2009, 37, 311-318.	1.5	82
7	Testicular pain as an unusual presentation of COVID-19: a brief review of SARS-CoV-2 and the testis. <i>Reproductive BioMedicine Online</i> , 2020, 41, 903-906.	2.4	60
8	Muscle perfusion and oxygen consumption by near-infrared spectroscopy in septic-shock and non-septic-shock patients. <i>Intensive Care Medicine</i> , 2003, 29, 1173-1176.	8.2	55
9	Intravenous immunoglobulin in septic shock: review of the mechanisms of action and meta-analysis of the clinical effectiveness. <i>Minerva Anestesiologica</i> , 2016, 82, 559-72.	1.0	47
10	Early therapy with IgM-enriched polyclonal immunoglobulin in patients with septic shock. <i>Intensive Care Medicine</i> , 2014, 40, 1888-1896.	8.2	44
11	Machine learning in predicting respiratory failure in patients with COVID-19 pneumonia—Challenges, strengths, and opportunities in a global health emergency. <i>PLoS ONE</i> , 2020, 15, e0239172.	2.5	43
12	Inspiratory Effort and Lung Mechanics in Spontaneously Breathing Patients with Acute Respiratory Failure due to COVID-19: A Matched Control Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 725-728.	5.6	41
13	Two fatal cases of acute liver failure due to HSV-1 infection in COVID-19 patients following immunomodulatory therapies. <i>Clinical Infectious Diseases</i> , 2021, 73, e252-e255.	5.8	39
14	Cytomegalovirus blood reactivation in COVID-19 critically ill patients: risk factors and impact on mortality. <i>Intensive Care Medicine</i> , 2022, 48, 706-713.	8.2	39
15	Monocyte Distribution Width (MDW) as novel inflammatory marker with prognostic significance in COVID-19 patients. <i>Scientific Reports</i> , 2021, 11, 12716.	3.3	38
16	Mortality in Patients With Septic Shock by Multidrug Resistant Bacteria. <i>Journal of Intensive Care Medicine</i> , 2019, 34, 48-54.	2.8	34
17	Metabolic reprogramming shapes neutrophil functions in severe COVID-19. <i>European Journal of Immunology</i> , 2022, 52, 484-502.	2.9	34
18	Surfactant replacement might help recovery of low-compliance lung in severe COVID-19 pneumonia. <i>Therapeutic Advances in Respiratory Disease</i> , 2020, 14, 175346662095104.	2.6	33

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19	Spontaneous Breathing and Evolving Phenotypes of Lung Damage in Patients with COVID-19: Review of Current Evidence and Forecast of a New Scenario. <i>Journal of Clinical Medicine</i> , 2021, 10, 975.	2.4	32
20	Early awake proning in critical and severe COVID-19 patients undergoing noninvasive respiratory support: A retrospective multicenter cohort study. <i>Pulmonology</i> , 2022, 28, 181-192.	2.1	32
21	Impact of Pre-Analytical Time on the Recovery of Pathogens from Blood Cultures: Results from a Large Retrospective Survey. <i>PLoS ONE</i> , 2017, 12, e0169466.	2.5	29
22	Levosimendan in Cardiac Failure After Subarachnoid Hemorrhage. <i>Journal of Trauma</i> , 2010, 68, E108-E110.	2.3	28
23	Pulmonary Stretch and Lung Mechanotransduction: Implications for Progression in the Fibrotic Lung. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6443.	4.1	28
24	Herpes Simplex Virus Re-Activation in Patients with SARS-CoV-2 Pneumonia: A Prospective, Observational Study. <i>Microorganisms</i> , 2021, 9, 1896.	3.6	28
25	Molecular and cellular immune features of aged patients with severe COVID-19 pneumonia. <i>Communications Biology</i> , 2022, 5, .	4.4	27
26	Unexpected death: Anaphylactic intraoperative death due to Thymoglobulin carbohydrate excipient. <i>Forensic Science International</i> , 2013, 228, e28-e32.	2.2	24
27	Long-Term Impact of the COVID-19 Pandemic on In-Hospital Antibiotic Consumption and Antibiotic Resistance: A Time Series Analysis (2015â€”2021). <i>Antibiotics</i> , 2022, 11, 826.	3.7	21
28	Twoâ€”stage liver transplantation: an effective procedure in urgent conditions. <i>Clinical Transplantation</i> , 2010, 24, 122-126.	1.6	20
29	Trends in ventilator-associated pneumonia: Impact of a ventilator care bundle in an Italian tertiary care hospital intensive care unit. <i>American Journal of Infection Control</i> , 2014, 42, 1312-1316.	2.3	18
30	A five-component infection control bundle to permanently eliminate a carbapenem-resistant <i>Acinetobacter baumannii</i> spreading in an intensive care unit. <i>Antimicrobial Resistance and Infection Control</i> , 2021, 10, 123.	4.1	17
31	Exogenous pulmonary surfactant in COVID-19 ARDS. The similarities to neonatal RDS suggest a new scenario for an â€”oldâ€” strategy. <i>BMJ Open Respiratory Research</i> , 2021, 8, e000867.	3.0	17
32	Effectiveness of sepsis bundle application in cirrhotic patients with septic shock: a single-center experience. <i>Journal of Critical Care</i> , 2013, 28, 152-157.	2.2	16
33	Multi-centre, three arm, randomized controlled trial on the use of methylprednisolone and unfractionated heparin in critically ill ventilated patients with pneumonia from SARS-CoV-2 infection: A structured summary of a study protocol for a randomised controlled trial. <i>Trials</i> , 2020, 21, 724.	1.6	16
34	Acute Renal Failure and Renal Replacement Therapy in the Postoperative Period of Orthotopic Liver Transplant Patients Versus Nonelective Abdominal Surgery Patients. <i>Transplantation Proceedings</i> , 2011, 43, 1145-1147.	0.6	15
35	Wernickeâ€”s encephalopathy in a malnourished surgical patient: a difficult diagnosis. <i>BMC Research Notes</i> , 2014, 7, 718.	1.4	15
36	Plasma Cytokine Atlas Reveals the Importance of TH2 Polarization and Interferons in Predicting COVID-19 Severity and Survival. <i>Frontiers in Immunology</i> , 2022, 13, 842150.	4.8	15

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37	Recombinant Activated Factor VII in Critical Bleeding After Orthotopic Liver Transplantation. <i>Transplantation Proceedings</i> , 2008, 40, 1989-1990.	0.6	13
38	Liver transplantation in patients aged 65 and over: a case-control study. <i>Clinical Transplantation</i> , 2010, 24, E188-93.	1.6	13
39	First and second waves among hospitalised patients with COVID-19 with severe pneumonia: a comparison of 28-day mortality over the 1-year pandemic in a tertiary university hospital in Italy. <i>BMJ Open</i> , 2022, 12, e054069.	1.9	13
40	Use of recombinant factor VIIa in a thrombocytopenic patient with spontaneous intracerebral haemorrhage. <i>Thrombosis and Haemostasis</i> , 2005, 93, 381-382.	3.4	12
41	Living Donor Liver Transplantation and Management of Portal Venous Pressure. <i>Transplantation Proceedings</i> , 2006, 38, 1074-1075.	0.6	12
42	Purpura Fulminans and Septic Shock due to <i>Capnocytophaga Canimorsus</i> after Dog Bite: A Case Report and Review of the Literature. <i>Case Reports in Critical Care</i> , 2018, 2018, 1-3.	0.4	10
43	Nasal pressure swings as the measure of inspiratory effort in spontaneously breathing patients with de novo acute respiratory failure. <i>Critical Care</i> , 2022, 26, 70.	5.8	10
44	Endotoxin activity levels as a prediction tool for risk of deterioration in patients with sepsis not admitted to the intensive care unit: A pilot observational study. <i>Journal of Critical Care</i> , 2013, 28, 612-617.	2.2	9
45	Increased Plasma Levels of Mitochondrial DNA and Normal Inflammasome Gene Expression in Monocytes Characterize Patients With Septic Shock Due to Multidrug Resistant Bacteria. <i>Frontiers in Immunology</i> , 2020, 11, 768.	4.8	9
46	Strategies to Control Massive Abdominal Bleeding. <i>Transplantation Proceedings</i> , 2008, 40, 1212-1215.	0.6	8
47	Posttraumatic massive bleeding: a challenging multidisciplinary task. <i>Internal and Emergency Medicine</i> , 2010, 5, 521-531.	2.0	8
48	MRI of placenta accreta: diagnostic accuracy and impact of interventional radiology on foetal-maternal delivery outcomes in high-risk women. <i>British Journal of Radiology</i> , 2020, 93, 20200267.	2.2	8
49	Endobronchial valve positioning for alveolar-pleural fistula following ICU management complicating COVID-19 pneumonia. <i>BMC Pulmonary Medicine</i> , 2021, 21, 307.	2.0	8
50	Intra-abdominal Hypertension in Nonelective Surgery: A Preliminary Report. <i>Transplantation Proceedings</i> , 2006, 38, 836-837.	0.6	7
51	Surfactant Therapy and Intravenous Zanamivir in Severe Respiratory Failure Due to Persistent Influenza A/H1N1 2009 Virus Infection. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 182, 1334-1334.	5.6	7
52	Levosimendan in a case of severe peri-myocarditis associated with influenza A/H1N1 virus. <i>British Journal of Anaesthesia</i> , 2012, 109, 1011-1013.	3.4	6
53	The Role of Adjunctive Therapies in Septic Shock by Gram Negative MDR/XDR Infections. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2017, 2017, 1-6.	1.9	6
54	Synergistic Effect of Static Compliance and D-dimers to Predict Outcome of Patients with COVID-19-ARDS: A Prospective Multicenter Study. <i>Biomedicines</i> , 2021, 9, 1228.	3.2	6

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55	Adjunctive Immunotherapy With Polyclonal Ig-M Enriched Immunoglobulins for Septic Shock: From Bench to Bedside. The Rationale for a Personalized Treatment Protocol. <i>Frontiers in Medicine</i> , 2021, 8, 616511.	2.6	5
56	Revisited Hyperoxia Pathophysiology in the Perioperative Setting: A Narrative Review. <i>Frontiers in Medicine</i> , 2021, 8, 689450.	2.6	5
57	Risk Factors for Pulmonary Air Leak and Clinical Prognosis in Patients With COVID-19 Related Acute Respiratory Failure: A Retrospective Matched Control Study. <i>Frontiers in Medicine</i> , 2022, 9, 848639.	2.6	5
58	PSP/reg: a new stone in sepsis biomarkers?. <i>Critical Care</i> , 2012, 16, 143.	5.8	4
59	Rationale for Polyclonal Intravenous Immunoglobulin Adjunctive Therapy in COVID-19 Patients: Report of a Structured Multidisciplinary Consensus. <i>Journal of Clinical Medicine</i> , 2021, 10, 3500.	2.4	4
60	Posttransplant Cerebral Hemorrhage in a Patient with Familial Amyloidotic Polyneuropathy. <i>Transplantation</i> , 2006, 81, 134-135.	1.0	3
61	Use of activated protein c in liver transplantation patients with septic shock. <i>Liver Transplantation</i> , 2008, 14, 1598-1602.	2.4	3
62	A challenging case of pregnancy with placenta accreta and very rare irregular antibodies versus Cromer blood group system: a case report. <i>Journal of Medical Case Reports</i> , 2015, 9, 112.	0.8	3
63	Effects of cytokine blocking agents on hospital mortality in patients admitted to ICU with acute respiratory distress syndrome by SARS-CoV-2 infection: retrospective cohort study. <i>Multidisciplinary Respiratory Medicine</i> , 2021, 16, 737.	1.5	3
64	The impact of tocilizumab on respiratory support states transition and clinical outcomes in COVID-19 patients. A Markov model multi-state study. <i>PLoS ONE</i> , 2021, 16, e0251378.	2.5	3
65	Perioperative respiratory failure in a cirrhotic patient: a misleading diagnosis. <i>Anaesthesia</i> , 2007, 62, 963-965.	3.8	2
66	Reply to Spinelli et al. and to Jha: Continued Vigorous Inspiratory Effort as a Predictor of Noninvasive Ventilation Failure. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 1739-1741.	5.6	2
67	Reply to Tuffet et al. and to Michard and Shelley. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 771-772.	5.6	2
68	Rectal amputation sparing by haemostatic therapy with recombinant factor VIIa in a patient with cytomegalovirus-related colitis. <i>Thrombosis and Haemostasis</i> , 2006, 95, 579-580.	3.4	1
69	Dexmedetomidine for agitated delirium in intensive care unit intubated patients. <i>Journal of Thoracic Disease</i> , 2016, 8, E1072-E1074.	1.4	1
70	Oxygen Supplementation Among Patients in the Intensive Care Unit. <i>JAMA - Journal of the American Medical Association</i> , 2017, 317, 647.	7.4	1
71	Vertebral artery dissection in term pregnancy after cervical spine manipulation: a case report and review the literature. <i>Journal of Medical Case Reports</i> , 2021, 15, 530.	0.8	1
72	Liver transplantation in HIV patients. <i>Digestive and Liver Disease</i> , 2007, 39, A44.	0.9	0

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73	Introduction to the 9th LAIC Meeting. Transplantation Proceedings, 2008, 40, 1161-1162.	0.6	0
74	Injury-induced immunosuppression: are we finally on the right track?. Minerva Anestesiologica, 2017, 83, 246 - 247.	1.0	0
75	Late Breaking Abstract - Inspiratory Effort And Respiratory Mechanics In Spontaneously Breathing Covid-19 Patients On Hospital Admission. , 2021, , .		0
76	Editorial: Putting the Spotlight on the Role of Oxygen in Critically-Ill Patients: From Basic Mechanisms to Clinical Effects. Frontiers in Medicine, 2022, 9, 859632.	2.6	0
77	Association between respiratory distress time and invasive mechanical ventilation in COVID-19 patients: a multicentre regional cohort study.. Pulmonology, 2022, , .	2.1	0