Guido Bertolini

List of Publications by Year
in descending order

111 papers	10,087 citations	66343 42 h-index	34986 98 g-index
120 all docs	120 docs citations	120 times ranked	10266 citing authors

#	ARTICLE	IF	CITATIONS
1	Traumatic brain injury: integrated approaches to improve prevention, clinical care, and research. Lancet Neurology, The, 2017, 16, 987-1048.	10.2	1,571
2	Epidemiology and outcome of acute lung injury in European intensive care units. Intensive Care Medicine, 2004, 30, 51-61.	8.2	1,123
3	Lupus anticoagulants are stronger risk factors for thrombosis than anticardiolipin antibodies in the antiphospholipid syndrome: a systematic review of the literature. Blood, 2003, 101, 1827-1832.	1.4	892
4	Daily classification of the level of care. A method to describe clinical course of illness, use of resources and quality of intensive care assistance. Intensive Care Medicine, 2001, 27, 131-136.	8.2	625
5	Antiâ€"Î²2-glycoprotein I, antiprothrombin antibodies, and the risk of thrombosis in the antiphospholipid syndrome. Blood, 2003, 102, 2717-2723.	1.4	412
6	Paraneoplastic Neurologic Syndrome in the PNS Euronetwork Database. Archives of Neurology, 2010, 67, 330.	4.5	315
7	The impact of frailty on ICU and 30-day mortality and the level of care in very elderly patients (â‰¥Â80Âyears). Intensive Care Medicine, 2017, 43, 1820-1828.	8.2	311
8	Early enteral immunonutrition in patients with severe sepsis. Intensive Care Medicine, 2003, 29, 834-840.	8.2	298
9	Takayasu's arteritis: A study of 104 Italian patients. Arthritis and Rheumatism, 2005, 53, 100-107.	6.7	273
10	Long-term outcome in patients with critical illness myopathy or neuropathy: the Italian multicentre CRIMYNE study. Journal of Neurology, Neurosurgery and Psychiatry, 2008, 79, 838-841.	1.9	230
11	An integrated MELD model including serum sodium and age improves the prediction of early mortality in patients with cirrhosis. Liver Transplantation, 2007, 13, 1174-1180.	2.4	216
12	Use of early corticosteroid therapy on ICU admission in patients affected by severe pandemic (H1N1)v influenzaÂÂ infection. Intensive Care Medicine, 2011, 37, 272-283.	8.2	188
13	Clinical ethics recommendations for the allocation of intensive care treatments in exceptional, resource-limited circumstances: the Italian perspective during the COVID-19 epidemic. Critical Care, 2020, 24, 165.	5.8	185
14	Noninvasive versus invasive ventilation for acute respiratory failure in patients with hematologic malignancies: A 5-year multicenter observational survey*. Critical Care Medicine, 2011, 39, 2232-2239.	0.9	182
15	Spectrum of paraneoplastic disease associated with lymphoma. Neurology, 2011, 76, 705-710.	1.1	171
16	Simplified electrophysiological evaluation of peripheral nerves in critically ill patients: the Italian multi-centre CRIMYNE study. Critical Care, 2007, 11, R11.	5.8	135
17	Calibration Belt for Quality-of-Care Assessment Based on Dichotomous Outcomes. PLoS ONE, 2011, 6, e16110.	2.5	116
18	Efficacy of coupled plasma filtration adsorption (CPFA) in patients with septic shock: A multicenter randomised controlled clinical trial. BMJ Open, 2014, 4, e003536.	1.9	112

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19	Withholding or withdrawing of life-sustaining therapy in older adults (â‰¥â€‰80Âyears) admitted to the intensive care unit. Intensive Care Medicine, 2018, 44, 1027-1038.	8.2	106
20	Volume of activity and occupancy rate in intensive care units. Association with mortality. Intensive Care Medicine, 2004, 30, 290-297.	8.2	103
21	The relationship between labour cost per patient and the size of intensive care units: a multicentre prospective study. Intensive Care Medicine, 2003, 29, 2307-2311.	8.2	98
22	A new calibration test and a reappraisal of the calibration belt for the assessment of prediction models based on dichotomous outcomes. Statistics in Medicine, 2014, 33, 2390-2407.	1.6	95
23	Antibiotic use and impact on outcome from bacteraemic critical illness: the BActeraemia Study in Intensive Care (BASIC). Journal of Antimicrobial Chemotherapy, 2010, 65, 1276-1285.	3.0	87
24	Use of Drotrecogin alfa (activated) in Italian intensive care units: the results of aÂnationwide survey. Intensive Care Medicine, 2007, 33, 426-434.	8.2	82
25	Chorea and related movement disorders of paraneoplastic origin: the PNS EuroNetwork experience. Journal of Neurology, 2011, 258, 2058-2068.	3.6	81
26	Axonal marker neurofilament light predicts long-term outcomes and progressive neurodegeneration after traumatic brain injury. Science Translational Medicine, 2021, 13, eabg9922.	12.4	74
27	End-of-life decision-making and quality of ICU performance: an observational study in 84 Italian units. Intensive Care Medicine, 2010, 36, 1495-1504.	8.2	72
28	A new test and graphical tool to assess the goodness of fit of logistic regression models. Statistics in Medicine, 2016, 35, 709-720.	1.6	66
29	Efficacy and safety of a low-flow veno-venous carbon dioxide removal device: results of an experimental study in adult sheep. Critical Care, 2006, 10, R151.	5.8	64
30	Costs of the COPD. Differences between intensive care unit and respiratory intermediate care unit. Respiratory Medicine, 2005, 99, 894-900.	2.9	63
31	Building a continuous multicenter infection surveillance system in the intensive care unit: Findings from the initial data set of 9,493 patients from 71 Italian intensive care units. Critical Care Medicine, 2008, 36, 1105-1113.	0.9	59
32	Early enteral immunonutrition vs. parenteral nutrition in critically ill patients without severe sepsis: aÂrandomized clinical trial. Intensive Care Medicine, 2006, 32, 1191-1198.	8.2	57
33	Assessing the Calibration of Dichotomous Outcome Models with the Calibration Belt. The Stata Journal, 2017, 17, 1003-1014.	2.2	57
34	Validation of the peroneal nerve test to diagnose critical illness polyneuropathy and myopathy in the intensive care unit: the multicentre Italian CRIMYNE-2 diagnostic accuracy study. F1000Research, 2014, 3, 127.	1.6	57
35	SIAARTI recommendations for the allocation of intensive care treatments in exceptional, resource-limited circumstances. Minerva Anestesiologica, 2020, 86, 469-472.	1.0	56
36	Variable costs of ICU patients: aÂmulticenter prospective study. Intensive Care Medicine, 2006, 32, 545-552.	8.2	51

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37	External validation of the Simplified Acute Physiology Score (SAPS) 3 in a cohort of 28,357 patients from 147 Italian intensive care units. Intensive Care Medicine, 2009, 35, 1916-1924.	8.2	51
38	Pain in primary care: an Italian survey. European Journal of Public Health, 2005, 15, 475-479.	0.3	47
39	Quality of reporting of randomised controlled trials in the intensive care literature. Intensive Care Medicine, 2002, 28, 1316-1323.	8.2	46
40	Comparison between SAPS II and SAPS 3 in predicting hospital mortality in a cohort of 103 Italian ICUs. Is new always better?. Intensive Care Medicine, 2012, 38, 1280-1288.	8.2	46
41	Antibiotic usage in intensive care units: a pharmaco-epidemiological multicentre study. Journal of Antimicrobial Chemotherapy, 2004, 54, 221-224.	3.0	42
42	High dose coupled plasma filtration and adsorption in septic shock patients. Results of the COMPACT-2: a multicentre, adaptive, randomised clinical trial. Intensive Care Medicine, 2021, 47, 1303-1311.	8.2	41
43	Variability of treatment duration for bacteraemia in the critically ill: a multinational survey. Journal of Antimicrobial Chemotherapy, 2003, 52, 849-852.	3.0	39
44	The role of lung ultrasound as a frontline diagnostic tool in the era of COVID-19 outbreak. Internal and Emergency Medicine, 2021, 16, 749-756.	2.0	37
45	The use of analgesic drugs in postoperative patients: the neglected problem of pain control in intensive care units. An observational, prospective, multicenter study in 128 Italian intensive care units. European Journal of Clinical Pharmacology, 2002, 58, 73-77.	1.9	34
46	Validation of the peroneal nerve test to diagnose critical illness polyneuropathy and myopathy in the intensive care unit: the multicentre Italian CRIMYNE-2 diagnostic accuracy study. F1000Research, 2014, 3, 127.	1.6	34
47	Mortality attributable to different Klebsiella susceptibility patterns and to the coverage of empirical antibiotic therapy: a cohort study on patients admitted to the ICU with infection. Intensive Care Medicine, 2018, 44, 1709-1719.	8.2	33
48	A comparison of very old patients admitted to intensive care unit after acute versus elective surgery or intervention. Journal of Critical Care, 2019, 52, 141-148.	2.2	30
49	Cumulative Prognostic Score Predicting Mortality in Patients Older Than 80 Years Admitted to the ICU. Journal of the American Geriatrics Society, 2019, 67, 1263-1267.	2.6	28
50	Huge variation in obtaining ethical permission for a non-interventional observational study in Europe. BMC Medical Ethics, 2019, 20, 39.	2.4	27
51	Pediatric Risk of Mortality. Critical Care Medicine, 1998, 26, 1427-1432.	0.9	27
52	Predicting Outcome in the Intensive Care Unit Using Scoring Systems. Medical Care, 1998, 36, 1371-1382.	2.4	25
53	Immunonutrition in septic patients: A philosophical view of the current situation. Clinical Nutrition, 2007, 26, 25-29.	5.0	24
54	Outcome of children admitted to adult intensive care units in Italy between 2003 and 2007. Intensive Care Medicine, 2010, 36, 1403-1409.	8.2	23

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55	Errors in the approval process and post-marketing evaluation of drotrecogin alfa (activated) for the treatment of severe sepsis. Lancet Infectious Diseases, The, 2009, 9, 67-72.	9.1	21
56	Posterior Vertebral Arch Cement Augmentation (Spinoplasty) to Prevent Fracture of Spinous Processes after Interspinous Spacer Implant. American Journal of Neuroradiology, 2012, 33, 522-528.	2.4	21
57	Judging quality of current septic shock definitions and criteria. Critical Care, 2015, 19, 445.	5.8	20
58	The role of Bayesian Networks in the diagnosis of pulmonary embolism. Journal of Thrombosis and Haemostasis, 2003, 1, 698-707.	3.8	19
59	Association Between SARS-CoV-2 Viral Load in Wastewater and Reported Cases, Hospitalizations, and Vaccinations in Milan, March 2020 to November 2021. JAMA - Journal of the American Medical Association, 2022, 327, 1922.	7.4	19
60	Bayes pulmonary embolism assisted diagnosis: a new expert system for clinical use. Emergency Medicine Journal, 2007, 24, 157-164.	1.0	16
61	Differential diagnosis of pulmonary embolism in outpatients with non-specific cardiopulmonary symptoms. Internal and Emergency Medicine, 2013, 8, 695-702.	2.0	16
62	Intensive care support and clinical outcomes of patients with Ebola virus disease (EVD) in West Africa. Intensive Care Medicine, 2018, 44, 1266-1275.	8.2	16
63	Sepsis at ICU admission does not decrease 30-day survival in very old patients: a post-hoc analysis of the VIP1 multinational cohort study. Annals of Intensive Care, 2020, 10, 56.	4.6	16
64	Inappropriate Halsted mastectomy and patient volume in Italian hospitals.. American Journal of Public Health, 1993, 83, 1762-1764.	2.7	15
65	Cost Analysis of Dialysis Modalities in Italy. Health Services Management Research, 2001, 14, 9-17.	1.7	15
66	Aetiology of cirrhosis of the liver has an impact on survival predicted by the Model of End‑stage Liver Disease score. European Journal of Clinical Investigation, 2009, 39, 65-71.	3.4	15
67	Bergamo and Covid-19: How the Dark Can Turn to Light. Frontiers in Medicine, 2021, 8, 609440.	2.6	15
68	Should same anaesthetist do preoperative anaesthetic visit and give subsequent anaesthetic? Questionnaire survey of anaesthetists. BMJ: British Medical Journal, 2003, 327, 79-80.	2.3	14
69	Cyclosporine Formulation and Kaposi's Sarcoma after Renal Transplantation. Transplantation, 2005, 80, 743-748.	1.0	14
70	Monitoring the performance of intensive care units using the variable life‑adjusted display: a simulation study to explore its applicability and efficiency. Journal of Evaluation in Clinical Practice, 2009, 15, 506-513.	1.8	13
71	Is influenza A(H1N1) pneumonia more severe than other community-acquired pneumonias? Results of the GiViTI survey of 155 Italian ICUs. Intensive Care Medicine, 2011, 37, 1746-55.	8.2	13
72	Withdrawal of 'Xigris' from the market: old and new lessons. Journal of Epidemiology and Community Health, 2012, 66, 571-572.	3.7	13

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73	Overoptimism in the interpretation of statistics. Intensive Care Medicine, 2014, 40, 1927-1929.	8.2	12
74	Multicentre longitudinal study of fluid and neuroimaging BIOmarkers of AXonal injury after traumatic brain injury: the BIO-AX-TBI study protocol. BMJ Open, 2020, 10, e042093.	1.9	11
75	PROSAFE: a European endeavor to improve quality of critical care medicine in seven countries. Minerva Anestesiologica, 2020, 86, 1305-1320.	1.0	11
76	Meta-analyses versus randomised controlled trials in intensive care medicine. Intensive Care Medicine, 2000, 26, 239-241.	8.2	9
77	A failed attempt at collaboration. BMJ, The, 2013, 347, f5354-f5354.	6.0	9
78	Current adoption of lung ultrasound in Intensive Care Units: an Italian multi-center survey. Minerva Anestesiologica, 2017, 83, 720-727.	1.0	9
79	Nutrition given to critically ill patients during high level/complex care (on Italian ICUs). Clinical Nutrition, 2004, 23, 409-416.	5.0	8
80	Intensive care reimbursement practices: results from the ICUFUND survey. Intensive Care Medicine, 2010, 36, 1759-1764.	8.2	8
81	Utility of hospitalization for elderly individuals affected by COVID-19. PLoS ONE, 2021, 16, e0250730.	2.5	8
82	Intensive care medicine in 2050: statistical tools for development of prognostic models (why) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	8.2	8
83	Top-down costing: problems in determining staff costs in intensive care medicine. Intensive Care Medicine, 2002, 28, 1661-1663.	8.2	7
84	Prognostic Value of a Combination of Circulating Biomarkers in Critically Ill Patients with Traumatic Brain Injury: Results from the European CREACTIVE Study. Journal of Neurotrauma, 2021, 38, 2667-2676.	3.4	7
85	Hospitals with and without neurosurgery: a comparative study evaluating the outcome of patients with traumatic brain injury. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2021, 29, 158.	2.6	7
86	Improvement in the intestinal processes of hydroelectrolytic absorption and secretion in abdominal pathologies of surgical interest treated with SMS 201-995: Experimental protocol. Surgery Today, 1999, 29, 419-430.	1.5	6
87	Comments on â€˜Graphical assessment of internal and external calibration of logistic regression models by using loess smoothersâ€™ by Peter C. Austin and Ewout W. Steyerberg. Statistics in Medicine, 2014, 33, 2696-2698.	1.6	6
88	The role of the intensive care unit in real-time surveillance of emerging pandemics: the Italian GiViTI experience. Epidemiology and Infection, 2016, 144, 408-412.	2.1	6
89	Aggressive versus conservative antibiotic use to prevent and treat ventilator-associated pneumonia in patients with severe traumatic brain injury: comparison of two case series. Minerva Anestesiologica, 2017, 83, 553-562.	1.0	6
90	The Quick Walk Test: A Noninvasive Test to Assess the Risk of Mechanical Ventilation During COVIDâ€19 Outbreaks. Academic Emergency Medicine, 2021, 28, 244-247.	1.8	6

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91	Assessing the Calibration of Dichotomous Outcome Models with the Calibration Belt. The Stata Journal, 2017, 17, 1003-1014.	2.2	6
92	Insulin Dose or Glycemic Control for the Critically Ill?. Critical Care Medicine, 2003, 31, 2565-2566.	0.9	5
93	Cirrhotic patients admitted to the ICU for medical reasons: Analysis of 5506 patients admitted to 286 ICUs in 8 years. Journal of Critical Care, 2018, 45, 220-228.	2.2	5
94	Data collection and research with MargheritaTre. Physiological Measurement, 2018, 39, 084004.	2.1	5
95	The prognostic importance of chronic end-stage diseases in geriatric patients admitted to 163 Italian ICUs. Minerva Anestesiologica, 2017, 83, 1283-1293.	1.0	3
96	Case-mix affects calibration of cardiosurgical severity scores. Minerva Anestesiologica, 2020, 86, 719-726.	1.0	3
97	Local clinical research and changes in local clinical practice. Anaesthesia, 2003, 58, 199-200.	3.8	2
98	Day surgery: where do our efforts need to be focused? Results of a review and simulation on administrative data. Ambulatory Surgery, 2004, 10, 211-216.	0.1	2
99	From national to global outcome research in the intensive care unit: A challenge to win*. Critical Care Medicine, 2008, 36, 336-337.	0.9	2
100	The Hematocrit Affects the Volume of Plasma Treated With Coupled Plasma Filtration and Adsorption With Predilution. Artificial Organs, 2017, 41, E26-E29.	1.9	2
101	Safety Analysis of 13 Suspicious Deaths in Intensive Care. Journal of Patient Safety, 2020, Publish Ahead of Print, e1774-e1778.	1.7	2
102	Antibiotic use and impact on outcome from bacteraemic critical illness: the BActeraemia Study in Intensive Care (BASIC). Journal of Antimicrobial Chemotherapy, 2010, 65, 2061-2061.	3.0	1
103	Cancer staging may have different meanings, but functional status too. Journal of Clinical Epidemiology, 1992, 45, 184-185.	5.0	0
104	Variability of treatment duration for bacteraemia in the critically ill: a multinational survey. Journal of Antimicrobial Chemotherapy, 2003, 53, 121-121.	3.0	0
105	Carbon dioxide removal device: how long is long enough?. Critical Care, 2006, 11, 405.	5.8	0
106	Response to the letter by Williams et al.. Intensive Care Medicine, 2007, 33, 1490-1491.	8.2	0
107	Drotrecogin alfa (activated) in severe sepsis. Lancet Infectious Diseases, The, 2013, 13, 107-108.	9.1	0
108	DIFFERING STRATEGIES FOR ANTIBIOTIC PRESCRIBING FOR BACTERAEMIA IN ICU PATIENT.. Critical Care Medicine, 2005, 33, A83.	0.9	0

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109	Finding the needle by modeling the haystack: Pulmonary embolism in an emergency patient with cardiorespiratory manifestations. Expert Systems With Applications, 2022, 189, 116066.	7.6	0
110	Validation of the peroneal nerve test to diagnose critical illness polyneuropathy and myopathy in the intensive care unit: the multicentre Italian CRIMYNE-2 diagnostic accuracy study. F1000Research, 0, , .	1.6	0
111	Benchmark of Intraoperative Activity in Cardiac Surgery: A Comparison between Pre- and Post-Operative Prognostic Models. Journal of Clinical Medicine, 2022, 11, 3231.	2.4	0