

# Guido Bertolini

## List of Publications by Year in descending order

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Version: 2024-02-01

110  
papers

10,087  
citations

66234

42  
h-index

34900

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. <i>Lancet Neurology</i> , The, 2017, 16, 987-1048.	4.9	1,571
2	Epidemiology and outcome of acute lung injury in European intensive care units. <i>Intensive Care Medicine</i> , 2004, 30, 51-61.	3.9	1,123
3	Lupus anticoagulants are stronger risk factors for thrombosis than anticardiolipin antibodies in the antiphospholipid syndrome: a systematic review of the literature. <i>Blood</i> , 2003, 101, 1827-1832.	0.6	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. <i>Intensive Care Medicine</i> , 2001, 27, 131-136.	3.9	625
5	Anti- $\beta_2$ -glycoprotein I, antiprothrombin antibodies, and the risk of thrombosis in the antiphospholipid syndrome. <i>Blood</i> , 2003, 102, 2717-2723.	0.6	412
6	Paraneoplastic Neurologic Syndrome in the PNS Euronetwork Database. <i>Archives of Neurology</i> , 2010, 67, 330.	4.9	315
7	The impact of frailty on ICU and 30-day mortality and the level of care in very elderly patients (â‰¥80 years). <i>Intensive Care Medicine</i> , 2017, 43, 1820-1828.	3.9	311
8	Early enteral immunonutrition in patients with severe sepsis. <i>Intensive Care Medicine</i> , 2003, 29, 834-840.	3.9	298
9	Takayasu's arteritis: A study of 104 Italian patients. <i>Arthritis and Rheumatism</i> , 2005, 53, 100-107.	6.7	273
10	Long-term outcome in patients with critical illness myopathy or neuropathy: the Italian multicentre CRIMYNE study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2008, 79, 838-841.	0.9	230
11	An integrated MELD model including serum sodium and age improves the prediction of early mortality in patients with cirrhosis. <i>Liver Transplantation</i> , 2007, 13, 1174-1180.	1.3	216
12	Use of early corticosteroid therapy on ICU admission in patients affected by severe pandemic (H1N1)v influenza A infection. <i>Intensive Care Medicine</i> , 2011, 37, 272-283.	3.9	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. <i>Critical Care</i> , 2020, 24, 165.	2.5	185
14	Noninvasive versus invasive ventilation for acute respiratory failure in patients with hematologic malignancies: A 5-year multicenter observational survey*. <i>Critical Care Medicine</i> , 2011, 39, 2232-2239.	0.4	182
15	Spectrum of paraneoplastic disease associated with lymphoma. <i>Neurology</i> , 2011, 76, 705-710.	1.5	171
16	Simplified electrophysiological evaluation of peripheral nerves in critically ill patients: the Italian multi-centre CRIMYNE study. <i>Critical Care</i> , 2007, 11, R11.	2.5	135
17	Calibration Belt for Quality-of-Care Assessment Based on Dichotomous Outcomes. <i>PLoS ONE</i> , 2011, 6, e16110.	1.1	116
18	Efficacy of coupled plasma filtration adsorption (CPFA) in patients with septic shock: A multicenter randomised controlled clinical trial. <i>BMJ Open</i> , 2014, 4, e003536.	0.8	112

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19	Withholding or withdrawing of life-sustaining therapy in older adults (≥80 years) admitted to the intensive care unit. <i>Intensive Care Medicine</i> , 2018, 44, 1027-1038.	3.9	106
20	Volume of activity and occupancy rate in intensive care units. Association with mortality. <i>Intensive Care Medicine</i> , 2004, 30, 290-297.	3.9	103
21	The relationship between labour cost per patient and the size of intensive care units: a multicentre prospective study. <i>Intensive Care Medicine</i> , 2003, 29, 2307-2311.	3.9	98
22	A new calibration test and a reappraisal of the calibration belt for the assessment of prediction models based on dichotomous outcomes. <i>Statistics in Medicine</i> , 2014, 33, 2390-2407.	0.8	95
23	Antibiotic use and impact on outcome from bacteraemic critical illness: the BActeraemia Study in Intensive Care (BASIC). <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 1276-1285.	1.3	87
24	Use of Drotrecogin alfa (activated) in Italian intensive care units: the results of a nationwide survey. <i>Intensive Care Medicine</i> , 2007, 33, 426-434.	3.9	82
25	Chorea and related movement disorders of paraneoplastic origin: the PNS EuroNetwork experience. <i>Journal of Neurology</i> , 2011, 258, 2058-2068.	1.8	81
26	Axonal marker neurofilament light predicts long-term outcomes and progressive neurodegeneration after traumatic brain injury. <i>Science Translational Medicine</i> , 2021, 13, eabg9922.	5.8	74
27	End-of-life decision-making and quality of ICU performance: an observational study in 84 Italian units. <i>Intensive Care Medicine</i> , 2010, 36, 1495-1504.	3.9	72
28	A new test and graphical tool to assess the goodness of fit of logistic regression models. <i>Statistics in Medicine</i> , 2016, 35, 709-720.	0.8	66
29	Efficacy and safety of a low-flow veno-venous carbon dioxide removal device: results of an experimental study in adult sheep. <i>Critical Care</i> , 2006, 10, R151.	2.5	64
30	Costs of the COPD. Differences between intensive care unit and respiratory intermediate care unit. <i>Respiratory Medicine</i> , 2005, 99, 894-900.	1.3	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. <i>Critical Care Medicine</i> , 2008, 36, 1105-1113.	0.4	59
32	Early enteral immunonutrition vs. parenteral nutrition in critically ill patients without severe sepsis: a randomized clinical trial. <i>Intensive Care Medicine</i> , 2006, 32, 1191-1198.	3.9	57
33	Assessing the Calibration of Dichotomous Outcome Models with the Calibration Belt. <i>The Stata Journal</i> , 2017, 17, 1003-1014.	0.9	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. <i>F1000Research</i> , 2014, 3, 127.	0.8	57
35	SIAARTI recommendations for the allocation of intensive care treatments in exceptional, resource-limited circumstances. <i>Minerva Anestesiologica</i> , 2020, 86, 469-472.	0.6	56
36	Variable costs of ICU patients: a multicenter prospective study. <i>Intensive Care Medicine</i> , 2006, 32, 545-552.	3.9	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. <i>Intensive Care Medicine</i> , 2009, 35, 1916-1924.	3.9	51
38	Pain in primary care: an Italian survey. <i>European Journal of Public Health</i> , 2005, 15, 475-479.	0.1	47
39	Quality of reporting of randomised controlled trials in the intensive care literature. <i>Intensive Care Medicine</i> , 2002, 28, 1316-1323.	3.9	46
40	Comparison between SAPS II and SAPS 3 in predicting hospital mortality in a cohort of 103 Italian ICUs. Is new always better?. <i>Intensive Care Medicine</i> , 2012, 38, 1280-1288.	3.9	46
41	Antibiotic usage in intensive care units: a pharmaco-epidemiological multicentre study. <i>Journal of Antimicrobial Chemotherapy</i> , 2004, 54, 221-224.	1.3	42
42	High dose coupled plasma filtration and adsorption in septic shock patients. Results of the COMPACT-2: a multicentre, adaptive, randomised clinical trial. <i>Intensive Care Medicine</i> , 2021, 47, 1303-1311.	3.9	41
43	Variability of treatment duration for bacteraemia in the critically ill: a multinational survey. <i>Journal of Antimicrobial Chemotherapy</i> , 2003, 52, 849-852.	1.3	39
44	The role of lung ultrasound as a frontline diagnostic tool in the era of COVID-19 outbreak. <i>Internal and Emergency Medicine</i> , 2021, 16, 749-756.	1.0	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. <i>European Journal of Clinical Pharmacology</i> , 2002, 58, 73-77.	0.8	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. <i>F1000Research</i> , 2014, 3, 127.	0.8	34
47	Mortality attributable to different <i>Klebsiella</i> susceptibility patterns and to the coverage of empirical antibiotic therapy: a cohort study on patients admitted to the ICU with infection. <i>Intensive Care Medicine</i> , 2018, 44, 1709-1719.	3.9	33
48	A comparison of very old patients admitted to intensive care unit after acute versus elective surgery or intervention. <i>Journal of Critical Care</i> , 2019, 52, 141-148.	1.0	30
49	Cumulative Prognostic Score Predicting Mortality in Patients Older Than 80 Years Admitted to the ICU. <i>Journal of the American Geriatrics Society</i> , 2019, 67, 1263-1267.	1.3	28
50	Huge variation in obtaining ethical permission for a non-interventional observational study in Europe. <i>BMC Medical Ethics</i> , 2019, 20, 39.	1.0	27
51	Pediatric Risk of Mortality. <i>Critical Care Medicine</i> , 1998, 26, 1427-1432.	0.4	27
52	Predicting Outcome in the Intensive Care Unit Using Scoring Systems. <i>Medical Care</i> , 1998, 36, 1371-1382.	1.1	25
53	Immunonutrition in septic patients: A philosophical view of the current situation. <i>Clinical Nutrition</i> , 2007, 26, 25-29.	2.3	24
54	Outcome of children admitted to adult intensive care units in Italy between 2003 and 2007. <i>Intensive Care Medicine</i> , 2010, 36, 1403-1409.	3.9	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. <i>Lancet Infectious Diseases</i> , The, 2009, 9, 67-72.	4.6	21
56	Posterior Vertebral Arch Cement Augmentation (Spinoplasty) to Prevent Fracture of Spinous Processes after Interspinous Spacer Implant. <i>American Journal of Neuroradiology</i> , 2012, 33, 522-528.	1.2	21
57	Judging quality of current septic shock definitions and criteria. <i>Critical Care</i> , 2015, 19, 445.	2.5	20
58	The role of Bayesian Networks in the diagnosis of pulmonary embolism. <i>Journal of Thrombosis and Haemostasis</i> , 2003, 1, 698-707.	1.9	19
59	Association Between SARS-CoV-2 Viral Load in Wastewater and Reported Cases, Hospitalizations, and Vaccinations in Milan, March 2020 to November 2021. <i>JAMA - Journal of the American Medical Association</i> , 2022, 327, 1922.	3.8	19
60	Bayes pulmonary embolism assisted diagnosis: a new expert system for clinical use. <i>Emergency Medicine Journal</i> , 2007, 24, 157-164.	0.4	16
61	Differential diagnosis of pulmonary embolism in outpatients with non-specific cardiopulmonary symptoms. <i>Internal and Emergency Medicine</i> , 2013, 8, 695-702.	1.0	16
62	Intensive care support and clinical outcomes of patients with Ebola virus disease (EVD) in West Africa. <i>Intensive Care Medicine</i> , 2018, 44, 1266-1275.	3.9	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. <i>Annals of Intensive Care</i> , 2020, 10, 56.	2.2	16
64	Inappropriate Halsted mastectomy and patient volume in Italian hospitals.. <i>American Journal of Public Health</i> , 1993, 83, 1762-1764.	1.5	15
65	Cost Analysis of Dialysis Modalities in Italy. <i>Health Services Management Research</i> , 2001, 14, 9-17.	1.0	15
66	Aetiology of cirrhosis of the liver has an impact on survival predicted by the Model of End-stage Liver Disease score. <i>European Journal of Clinical Investigation</i> , 2009, 39, 65-71.	1.7	15
67	Bergamo and Covid-19: How the Dark Can Turn to Light. <i>Frontiers in Medicine</i> , 2021, 8, 609440.	1.2	15
68	Should same anaesthetist do preoperative anaesthetic visit and give subsequent anaesthetic? Questionnaire survey of anaesthetists. <i>BMJ: British Medical Journal</i> , 2003, 327, 79-80.	2.4	14
69	Cyclosporine Formulation and Kaposi's Sarcoma after Renal Transplantation. <i>Transplantation</i> , 2005, 80, 743-748.	0.5	14
70	Monitoring the performance of intensive care units using the variable life-adjusted display: a simulation study to explore its applicability and efficiency. <i>Journal of Evaluation in Clinical Practice</i> , 2009, 15, 506-513.	0.9	13
71	Is influenza A(H1N1) pneumonia more severe than other community-acquired pneumonias? Results of the GiViTI survey of 155 Italian ICUs. <i>Intensive Care Medicine</i> , 2011, 37, 1746-55.	3.9	13
72	Withdrawal of Xigris™ from the market: old and new lessons. <i>Journal of Epidemiology and Community Health</i> , 2012, 66, 571-572.	2.0	13

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73	Overoptimism in the interpretation of statistics. <i>Intensive Care Medicine</i> , 2014, 40, 1927-1929.	3.9	12
74	Multicentre longitudinal study of fluid and neuroimaging BIOMarkers of AXonal injury after traumatic brain injury: the BIO-AX-TBI study protocol. <i>BMJ Open</i> , 2020, 10, e042093.	0.8	11
75	PROSAFE: a European endeavor to improve quality of critical care medicine in seven countries. <i>Minerva Anestesiologica</i> , 2020, 86, 1305-1320.	0.6	11
76	Meta-analyses versus randomised controlled trials in intensive care medicine. <i>Intensive Care Medicine</i> , 2000, 26, 239-241.	3.9	9
77	A failed attempt at collaboration. <i>BMJ, The</i> , 2013, 347, f5354-f5354.	3.0	9
78	Current adoption of lung ultrasound in Intensive Care Units: an Italian multi-center survey. <i>Minerva Anestesiologica</i> , 2017, 83, 720-727.	0.6	9
79	Nutrition given to critically ill patients during high level/complex care (on Italian ICUs). <i>Clinical Nutrition</i> , 2004, 23, 409-416.	2.3	8
80	Intensive care reimbursement practices: results from the ICUFUND survey. <i>Intensive Care Medicine</i> , 2010, 36, 1759-1764.	3.9	8
81	Utility of hospitalization for elderly individuals affected by COVID-19. <i>PLoS ONE</i> , 2021, 16, e0250730.	1.1	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	3.9	8
83	Top-down costing: problems in determining staff costs in intensive care medicine. <i>Intensive Care Medicine</i> , 2002, 28, 1661-1663.	3.9	7
84	Prognostic Value of a Combination of Circulating Biomarkers in Critically Ill Patients with Traumatic Brain Injury: Results from the European CReACTIVE Study. <i>Journal of Neurotrauma</i> , 2021, 38, 2667-2676.	1.7	7
85	Hospitals with and without neurosurgery: a comparative study evaluating the outcome of patients with traumatic brain injury. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2021, 29, 158.	1.1	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. <i>Surgery Today</i> , 1999, 29, 419-430.	0.7	6
87	Comments on "Graphical assessment of internal and external calibration of logistic regression models by using loess smoothers"™ by Peter C. Austin and Ewout W. Steyerberg. <i>Statistics in Medicine</i> , 2014, 33, 2696-2698.	0.8	6
88	The role of the intensive care unit in real-time surveillance of emerging pandemics: the Italian GiViTI experience. <i>Epidemiology and Infection</i> , 2016, 144, 408-412.	1.0	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. <i>Minerva Anestesiologica</i> , 2017, 83, 553-562.	0.6	6
90	The Quick Walk Test: A Noninvasive Test to Assess the Risk of Mechanical Ventilation During COVID-19 Outbreaks. <i>Academic Emergency Medicine</i> , 2021, 28, 244-247.	0.8	6

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91	Assessing the Calibration of Dichotomous Outcome Models with the Calibration Belt. The Stata Journal, 2017, 17, 1003-1014.	0.9	6
92	Insulin Dose or Glycemic Control for the Critically Ill?. Critical Care Medicine, 2003, 31, 2565-2566.	0.4	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.	1.0	5
94	Data collection and research with MargheritaTre. Physiological Measurement, 2018, 39, 084004.	1.2	5
95	The prognostic importance of chronic end-stage diseases in geriatric patients admitted to 163 Italian ICUs. Minerva Anestesiologica, 2017, 83, 1283-1293.	0.6	3
96	Case-mix affects calibration of cardiosurgical severity scores. Minerva Anestesiologica, 2020, 86, 719-726.	0.6	3
97	Local clinical research and changes in local clinical practice. Anaesthesia, 2003, 58, 199-200.	1.8	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.	0.4	2
100	The Hematocrit Affects the Volume of Plasma Treated With Coupled Plasma Filtration and Adsorption With Predilution. Artificial Organs, 2017, 41, E26-E29.	1.0	2
101	Safety Analysis of 13 Suspicious Deaths in Intensive Care. Journal of Patient Safety, 2020, Publish Ahead of Print, e1774-e1778.	0.7	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.	1.3	1
103	Cancer staging may have different meanings, but functional status too. Journal of Clinical Epidemiology, 1992, 45, 184-185.	2.4	0
104	Variability of treatment duration for bacteraemia in the critically ill: a multinational survey. Journal of Antimicrobial Chemotherapy, 2003, 53, 121-121.	1.3	0
105	Carbon dioxide removal device: how long is long enough?. Critical Care, 2006, 11, 405.	2.5	0
106	Response to the letter by Williams et al.. Intensive Care Medicine, 2007, 33, 1490-1491.	3.9	0
107	Drotrecogin alfa (activated) in severe sepsis. Lancet Infectious Diseases, The, 2013, 13, 107-108.	4.6	0
108	DIFFERING STRATEGIES FOR ANTIBIOTIC PRESCRIBING FOR BACTERAEEMIA IN ICU PATIENT.. Critical Care Medicine, 2005, 33, A83.	0.4	0

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109	Finding the needle by modeling the haystack: Pulmonary embolism in an emergency patient with cardiorespiratory manifestations. <i>Expert Systems With Applications</i> , 2022, 189, 116066.	4.4	0
110	Benchmark of Intraoperative Activity in Cardiac Surgery: A Comparison between Pre- and Post-Operative Prognostic Models. <i>Journal of Clinical Medicine</i> , 2022, 11, 3231.	1.0	0