

Guido Bertolini

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

102
papers

7,448
citations

36
h-index

86
g-index

118
ext. papers

8,857
ext. citations

7.1
avg. IF

5.37
L-index

#	Paper	IF	Citations
102	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	7.8	
101	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 ,	27.4	1
100	Safety Analysis of 13 Suspicious Deaths in Intensive Care: Ergonomics and Forensic Approach Compared. <i>Journal of Patient Safety</i> , 2021 , 17, e1774-e1778	1.9	1
99	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	3.6	0
98	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	14.5	7
97	Utility of hospitalization for elderly individuals affected by COVID-19. <i>PLoS ONE</i> , 2021 , 16, e0250730	3.7	4
96	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	3.7	18
95	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	3.4	2
94	Bergamo and Covid-19: How the Dark Can Turn to Light. <i>Frontiers in Medicine</i> , 2021 , 8, 609440	4.9	6
93	Axonal marker neurofilament light predicts long-term outcomes and progressive neurodegeneration after traumatic brain injury. <i>Science Translational Medicine</i> , 2021 , 13, eabg9922	17.5	9
92	Prognostic Value of a Combination of Circulating Biomarkers in Critically Ill Patients with Traumatic Brain Injury: Results from the European CREATIVE Study. <i>Journal of Neurotrauma</i> , 2021 , 38, 2667-2676	5.4	2
91	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	8.9	8
90	PROSAFE: a European endeavor to improve quality of critical care medicine in seven countries. <i>Minerva Anestesiologica</i> , 2020 , 86, 1305-1320	1.9	5
89	Case-mix affects calibration of cardiosurgical severity scores. <i>Minerva Anestesiologica</i> , 2020 , 86, 719-726	1.9	3
88	SIAARTI recommendations for the allocation of intensive care treatments in exceptional, resource-limited circumstances. <i>Minerva Anestesiologica</i> , 2020 , 86, 469-472	1.9	33
87	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	3	4
86	Huge variation in obtaining ethical permission for a non-interventional observational study in Europe. <i>BMC Medical Ethics</i> , 2019 , 20, 39	2.9	13

85	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	4	21
84	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	5.6	15
83	Cirrhotic patients admitted to the ICU for medical reasons: Analysis of 5506 patients admitted to 286 ICUs in 8years. <i>Journal of Critical Care</i> , 2018 , 45, 220-228	4	4
82	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	14.5	11
81	Data collection and research with MargheritaTre. <i>Physiological Measurement</i> , 2018 , 39, 084004	2.9	2
80	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. <i>Intensive Care Medicine</i> , 2018 , 44, 1709-1719	14.5	18
79	Withholding or withdrawing of life-sustaining therapy in older adults (≥80years) admitted to the intensive care unit. <i>Intensive Care Medicine</i> , 2018 , 44, 1027-1038	14.5	62
78	The Hematocrit Affects the Volume of Plasma Treated With Coupled Plasma Filtration and Adsorption With Predilution. <i>Artificial Organs</i> , 2017 , 41, E26-E29	2.6	2
77	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	1.9	4
76	The prognostic importance of chronic end-stage diseases in geriatric patients admitted to 163 Italian ICUs. <i>Minerva Anestesiologica</i> , 2017 , 83, 1283-1293	1.9	3
75	Current adoption of lung ultrasound in Intensive Care Units: an Italian multi-center survey. <i>Minerva Anestesiologica</i> , 2017 , 83, 720-727	1.9	4
74	Assessing the Calibration of Dichotomous Outcome Models with the Calibration Belt. <i>The Stata Journal</i> , 2017 , 17, 1003-1014	3.5	30
73	The impact of frailty on ICU and 30-day mortality and the level of care in very elderly patients (≥80years). <i>Intensive Care Medicine</i> , 2017 , 43, 1820-1828	14.5	184
72	Traumatic brain injury: integrated approaches to improve prevention, clinical care, and research. <i>Lancet Neurology</i> , 2017 , 16, 987-1048	24.1	851
71	Assessing the Calibration of Dichotomous Outcome Models with the Calibration Belt. <i>The Stata Journal</i> , 2017 , 17, 1003-1014	3.5	1
70	Intensive care medicine in 2050: statistical tools for development of prognostic models (why clinicians should not be ignored). <i>Intensive Care Medicine</i> , 2017 , 43, 1403-1406	14.5	5
69	A new test and graphical tool to assess the goodness of fit of logistic regression models. <i>Statistics in Medicine</i> , 2016 , 35, 709-20	2.3	41
68	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, 408-12	4.3	5

67	Judging quality of current septic shock definitions and criteria. <i>Critical Care</i> , 2015 , 19, 445	10.8	15
66	Overoptimism in the interpretation of statistics: the ethical role of statistical reviewers in medical journals. <i>Intensive Care Medicine</i> , 2014 , 40, 1927-9	14.5	10
65	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	3	82
64	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, 2390-407	2.3	66
63	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, 2696-8	2.3	6
62	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	3.6	45
61	Differential diagnosis of pulmonary embolism in outpatients with non-specific cardiopulmonary symptoms. <i>Internal and Emergency Medicine</i> , 2013 , 8, 695-702	3.7	15
60	Drotrecogin alfa (activated) in severe sepsis. <i>Lancet Infectious Diseases</i> , 2013 , 13, 107-8	25.5	
59	A failed attempt at collaboration. <i>BMJ</i> , 2013 , 347, f5354	5.9	7
58	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, 1280-8	14.5	35
57	Posterior vertebral arch cement augmentation (spinoplasty) to prevent fracture of spinous processes after interspinous spacer implant. <i>American Journal of Neuroradiology</i> , 2012 , 33, 522-8	4.4	19
56	Calibration belt for quality-of-care assessment based on dichotomous outcomes. <i>PLoS ONE</i> , 2011 , 6, e16110	3.7	73
55	Chorea and related movement disorders of paraneoplastic origin: the PNS EuroNetwork experience. <i>Journal of Neurology</i> , 2011 , 258, 2058-68	5.5	68
54	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, 272-83	14.5	164
53	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	14.5	11
52	Spectrum of paraneoplastic disease associated with lymphoma. <i>Neurology</i> , 2011 , 76, 705-10	6.5	92
51	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, 2232-9	1.4	134
50	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, 1276-85	5.1	67

49	Paraneoplastic neurologic syndrome in the PNS Euronetwork database: a European study from 20 centers. <i>Archives of Neurology</i> , 2010 , 67, 330-5		253
48	End-of-life decision-making and quality of ICU performance: an observational study in 84 Italian units. <i>Intensive Care Medicine</i> , 2010 , 36, 1495-504	14.5	60
47	Intensive care reimbursement practices: results from the ICUFUND survey. <i>Intensive Care Medicine</i> , 2010 , 36, 1759-64	14.5	6
46	Outcome of children admitted to adult intensive care units in Italy between 2003 and 2007. <i>Intensive Care Medicine</i> , 2010 , 36, 1403-9	14.5	13
45	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, 1916-24	14.5	41
44	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	4.6	14
43	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, 506-13	2.5	11
42	Errors in the approval process and post-marketing evaluation of drotrecogin alfa (activated) for the treatment of severe sepsis. <i>Lancet Infectious Diseases</i> , 2009 , 9, 67-72	25.5	19
41	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, 838-41	5.5	132
40	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, 1105-13	1.4	51
39	Simplified electrophysiological evaluation of peripheral nerves in critically ill patients: the Italian multi-centre CRIMYNE study. <i>Critical Care</i> , 2007 , 11, R11	10.8	102
38	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, 1174-80	4.5	178
37	Immunonutrition in septic patients: a philosophical view of the current situation. <i>Clinical Nutrition</i> , 2007 , 26, 25-9	5.9	23
36	Use of Drotrecogin alfa (activated) in Italian intensive care units: the results of a nationwide survey. <i>Intensive Care Medicine</i> , 2007 , 33, 426-34	14.5	66
35	Response to the letter by Williams et al.. <i>Intensive Care Medicine</i> , 2007 , 33, 1490-1491	14.5	
34	Bayes pulmonary embolism assisted diagnosis: a new expert system for clinical use. <i>Emergency Medicine Journal</i> , 2007 , 24, 157-64	1.5	12
33	Carbon dioxide removal device: how long is long enough?. <i>Critical Care</i> , 2007 , 11, 405; author reply 405	10.8	
32	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	10.8	54

31	Variable costs of ICU patients: a multicenter prospective study. <i>Intensive Care Medicine</i> , 2006 , 32, 545-52	14.5	40
30	Early enteral immunonutrition vs. parenteral nutrition in critically ill patients without severe sepsis: a randomized clinical trial. <i>Intensive Care Medicine</i> , 2006 , 32, 1191-8	14.5	49
29	Pain in primary care: an Italian survey. <i>European Journal of Public Health</i> , 2005 , 15, 475-9	2.1	33
28	Costs of the COPD. Differences between intensive care unit and respiratory intermediate care unit. <i>Respiratory Medicine</i> , 2005 , 99, 894-900	4.6	51
27	Cyclosporine formulation and Kaposi's sarcoma after renal transplantation. <i>Transplantation</i> , 2005 , 80, 743-8	1.8	12
26	Takayasu's arteritis: A study of 104 Italian patients. <i>Arthritis and Rheumatism</i> , 2005 , 53, 100-7		215
25	Antibiotic usage in intensive care units: a pharmaco-epidemiological multicentre study. <i>Journal of Antimicrobial Chemotherapy</i> , 2004 , 54, 221-4	5.1	27
24	Nutrition given to critically ill patients during high level/complex care (on Italian ICUs). <i>Clinical Nutrition</i> , 2004 , 23, 409-16	5.9	5
23	Day surgery: where do our efforts need to be focused? Results of a review and simulation on administrative data. <i>Ambulatory Surgery</i> , 2004 , 10, 211-216		2
22	Epidemiology and outcome of acute lung injury in European intensive care units. Results from the ALIVE study. <i>Intensive Care Medicine</i> , 2004 , 30, 51-61	14.5	1011
21	Volume of activity and occupancy rate in intensive care units. Association with mortality. <i>Intensive Care Medicine</i> , 2004 , 30, 290-297	14.5	84
20	Variability of treatment duration for bacteraemia in the critically ill: a multinational survey. <i>Journal of Antimicrobial Chemotherapy</i> , 2003 , 52, 849-52	5.1	32
19	Insulin dose or glycemic control for the critically ill?. <i>Critical Care Medicine</i> , 2003 , 31, 2565-6; author reply 2566	1.4	2
18	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, 1827-32	2.2	725
17	Anti-beta 2-glycoprotein I, antiprothrombin antibodies, and the risk of thrombosis in the antiphospholipid syndrome. <i>Blood</i> , 2003 , 102, 2717-23	2.2	348
16	Should same anaesthetist do preoperative anaesthetic visit and give subsequent anaesthetic? Questionnaire survey of anaesthetists. <i>BMJ, The</i> , 2003 , 327, 79-80	5.9	12
15	Local clinical research and changes in local clinical practice. <i>Anaesthesia</i> , 2003 , 58, 199-200	6.6	2
14	Early enteral immunonutrition in patients with severe sepsis: results of an interim analysis of a randomized multicentre clinical trial. <i>Intensive Care Medicine</i> , 2003 , 29, 834-40	14.5	249

13	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	14.5	81
12	The role of Bayesian Networks in the diagnosis of pulmonary embolism. <i>Journal of Thrombosis and Haemostasis</i> , 2003 , 1, 698-707	15.4	14
11	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, 73-7	2.8	26
10	Top-down costing: problems in determining staff costs in intensive care medicine. <i>Intensive Care Medicine</i> , 2002 , 28, 1661-3	14.5	5
9	Quality of reporting of randomised controlled trials in the intensive care literature. A systematic analysis of papers published in <i>Intensive Care Medicine</i> over 26 years. <i>Intensive Care Medicine</i> , 2002 , 28, 1316-23	14.5	37
8	Cost analysis of dialysis modalities in Italy. <i>Health Services Management Research</i> , 2001 , 14, 9-17	1	7
7	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, 131-6	14.5	620
6	Meta-analyses versus randomised controlled trials in intensive care medicine. <i>Intensive Care Medicine</i> , 2000 , 26, 239-41	14.5	8
5	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, 419-30	3	5
4	Pediatric risk of mortality: an assessment of its performance in a sample of 26 Italian intensive care units. <i>Critical Care Medicine</i> , 1998 , 26, 1427-32	1.4	23
3	Predicting outcome in the intensive care unit using scoring systems: is new better? A comparison of SAPS and SAPS II in a cohort of 1,393 patients. GiViTi Investigators (Gruppo Italiano per la Valutazione degli interventi in Terapia Intensiva). Simplified Acute Physiology Score. <i>Medical Care</i> , 1998 , 36, 1371-82	3.1	22
2	Inappropriate Halsted mastectomy and patient volume in Italian hospitals. <i>American Journal of Public Health</i> , 1993 , 83, 1762-4	5.1	14
1	Cancer staging may have different meanings, but functional status too. <i>Journal of Clinical Epidemiology</i> , 1992 , 45, 184-6	5.7	