

# Guido Bertolini

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3880575/publications.pdf>

Version: 2024-02-01

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  | 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         |
| 2  | 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        |
| 3  | 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         |
| 4  | 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        |
| 5  | The Quick Walk Test: A Noninvasive Test to Assess the Risk of Mechanical Ventilation During COVID-19 Outbreaks. Academic Emergency Medicine, 2021, 28, 244-247.  | 1.8  | 6         |
| 6  | Bergamo and Covid-19: How the Dark Can Turn to Light. Frontiers in Medicine, 2021, 8, 609440.  | 2.6  | 15        |
| 7  | Utility of hospitalization for elderly individuals affected by COVID-19. PLoS ONE, 2021, 16, e0250730.   | 2.5  | 8         |
| 8  | Axonal marker neurofilament light predicts long-term outcomes and progressive neurodegeneration after traumatic brain injury. Science Translational Medicine, 2021, 13, eabg9922.  | 12.4 | 74        |
| 9  | 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         |
| 10 | 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        |
| 11 | 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         |
| 12 | 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        |
| 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 | 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        |
| 15 | PROSAFE: a European endeavor to improve quality of critical care medicine in seven countries. Minerva Anestesiologica, 2020, 86, 1305-1320.  | 1.0  | 11        |
| 16 | Case-mix affects calibration of cardiosurgical severity scores. Minerva Anestesiologica, 2020, 86, 719-726.  | 1.0  | 3         |
| 17 | SIAARTI recommendations for the allocation of intensive care treatments in exceptional, resource-limited circumstances. Minerva Anestesiologica, 2020, 86, 469-472.  | 1.0  | 56        |
| 18 | Safety Analysis of 13 Suspicious Deaths in Intensive Care. Journal of Patient Safety, 2020, Publish Ahead of Print, e1774-e1778.   | 1.7  | 2         |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 19 | Huge variation in obtaining ethical permission for a non-interventional observational study in Europe. BMC Medical Ethics, 2019, 20, 39.   | 2.4  | 27        |
| 20 | 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        |
| 21 | 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        |
| 22 | 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         |
| 23 | 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        |
| 24 | Withholding or withdrawing of life-sustaining therapy in older adults (≥80 years) admitted to the intensive care unit. Intensive Care Medicine, 2018, 44, 1027-1038.   | 8.2  | 106       |
| 25 | 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        |
| 26 | Data collection and research with Margherita Tre. Physiological Measurement, 2018, 39, 084004.   | 2.1  | 5         |
| 27 | 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         |
| 28 | The impact of frailty on ICU and 30-day mortality and the level of care in very elderly patients (≥80 years). Intensive Care Medicine, 2017, 43, 1820-1828.  | 8.2  | 311       |
| 29 | Traumatic brain injury: integrated approaches to improve prevention, clinical care, and research. Lancet Neurology, The, 2017, 16, 987-1048.   | 10.2 | 1,571     |
| 30 | 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         |
| 31 | 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         |
| 32 | Current adoption of lung ultrasound in Intensive Care Units: an Italian multi-center survey. Minerva Anestesiologica, 2017, 83, 720-727.   | 1.0  | 9         |
| 33 | Assessing the Calibration of Dichotomous Outcome Models with the Calibration Belt. The Stata Journal, 2017, 17, 1003-1014.   | 2.2  | 57        |
| 34 | Intensive care medicine in 2050: statistical tools for development of prognostic models (why) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142   | 8.2  | 8         |
| 35 | Assessing the Calibration of Dichotomous Outcome Models with the Calibration Belt. The Stata Journal, 2017, 17, 1003-1014.   | 2.2  | 6         |
| 36 | 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         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | 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.   | 1.6 | 66        |
| 38 | Judging quality of current septic shock definitions and criteria. <i>Critical Care</i> , 2015, 19, 445.   | 5.8 | 20        |
| 39 | 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.  | 1.9 | 112       |
| 40 | 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.                                    | 1.6 | 95        |
| 41 | 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. | 1.6 | 6         |
| 42 | Overoptimism in the interpretation of statistics. <i>Intensive Care Medicine</i> , 2014, 40, 1927-1929.   | 8.2 | 12        |
| 43 | 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.    | 1.6 | 57        |
| 44 | 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.    | 1.6 | 34        |
| 45 | Differential diagnosis of pulmonary embolism in outpatients with non-specific cardiopulmonary symptoms. <i>Internal and Emergency Medicine</i> , 2013, 8, 695-702.  | 2.0 | 16        |
| 46 | Drotrecogin alfa (activated) in severe sepsis. <i>Lancet Infectious Diseases</i> , The, 2013, 13, 107-108.  | 9.1 | 0         |
| 47 | A failed attempt at collaboration. <i>BMJ</i> , The, 2013, 347, f5354-f5354.  | 6.0 | 9         |
| 48 | Withdrawal of “Xigris” from the market: old and new lessons. <i>Journal of Epidemiology and Community Health</i> , 2012, 66, 571-572.   | 3.7 | 13        |
| 49 | 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.                           | 2.4 | 21        |
| 50 | 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.  | 8.2 | 46        |
| 51 | Calibration Belt for Quality-of-Care Assessment Based on Dichotomous Outcomes. <i>PLoS ONE</i> , 2011, 6, e16110.   | 2.5 | 116       |
| 52 | Chorea and related movement disorders of paraneoplastic origin: the PNS EuroNetwork experience. <i>Journal of Neurology</i> , 2011, 258, 2058-2068.   | 3.6 | 81        |
| 53 | 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.   | 8.2 | 188       |
| 54 | 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.                                      | 8.2 | 13        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 55 | Spectrum of paraneoplastic disease associated with lymphoma. <i>Neurology</i> , 2011, 76, 705-710.  | 1.1 | 171       |
| 56 | 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.                           | 0.9 | 182       |
| 57 | 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.   | 8.2 | 72        |
| 58 | Intensive care reimbursement practices: results from the ICUFUND survey. <i>Intensive Care Medicine</i> , 2010, 36, 1759-1764.  | 8.2 | 8         |
| 59 | Outcome of children admitted to adult intensive care units in Italy between 2003 and 2007. <i>Intensive Care Medicine</i> , 2010, 36, 1403-1409.  | 8.2 | 23        |
| 60 | 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.  | 3.0 | 87        |
| 61 | Paraneoplastic Neurologic Syndrome in the PNS Euronetwork Database. <i>Archives of Neurology</i> , 2010, 67, 330.   | 4.5 | 315       |
| 62 | 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, 2061-2061.  | 3.0 | 1         |
| 63 | 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.   | 8.2 | 51        |
| 64 | 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.   | 3.4 | 15        |
| 65 | 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.         | 1.8 | 13        |
| 66 | 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.   | 9.1 | 21        |
| 67 | 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.  | 1.9 | 230       |
| 68 | From national to global outcome research in the intensive care unit: A challenge to win*. <i>Critical Care Medicine</i> , 2008, 36, 336-337.  | 0.9 | 2         |
| 69 | 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. | 0.9 | 59        |
| 70 | Bayes pulmonary embolism assisted diagnosis: a new expert system for clinical use. <i>Emergency Medicine Journal</i> , 2007, 24, 157-164.   | 1.0 | 16        |
| 71 | Simplified electrophysiological evaluation of peripheral nerves in critically ill patients: the Italian multi-centre CRIMYNE study. <i>Critical Care</i> , 2007, 11, R11.   | 5.8 | 135       |
| 72 | 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.  | 2.4 | 216       |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 73 | Immunonutrition in septic patients: A philosophical view of the current situation. Clinical Nutrition, 2007, 26, 25-29.   | 5.0 | 24        |
| 74 | Use of Drotrecogin alfa (activated) in Italian intensive care units: the results of a nationwide survey. Intensive Care Medicine, 2007, 33, 426-434.                                | 8.2 | 82        |
| 75 | Response to the letter by Williams et al.. Intensive Care Medicine, 2007, 33, 1490-1491.  | 8.2 | 0         |
| 76 | 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        |
| 77 | Carbon dioxide removal device: how long is long enough?. Critical Care, 2006, 11, 405.  | 5.8 | 0         |
| 78 | Variable costs of ICU patients: a multicenter prospective study. Intensive Care Medicine, 2006, 32, 545-552.  | 8.2 | 51        |
| 79 | Early enteral immunonutrition vs. parenteral nutrition in critically ill patients without severe sepsis: a randomized clinical trial. Intensive Care Medicine, 2006, 32, 1191-1198. | 8.2 | 57        |
| 80 | Cyclosporine Formulation and Kaposi's Sarcoma after Renal Transplantation. Transplantation, 2005, 80, 743-748.  | 1.0 | 14        |
| 81 | Takayasu's arteritis: A study of 104 Italian patients. Arthritis and Rheumatism, 2005, 53, 100-107.   | 6.7 | 273       |
| 82 | Pain in primary care: an Italian survey. European Journal of Public Health, 2005, 15, 475-479.  | 0.3 | 47        |
| 83 | Costs of the COPD. Differences between intensive care unit and respiratory intermediate care unit. Respiratory Medicine, 2005, 99, 894-900.   | 2.9 | 63        |
| 84 | DIFFERING STRATEGIES FOR ANTIBIOTIC PRESCRIBING FOR BACTERAEMIA IN ICU PATIENT.. Critical Care Medicine, 2005, 33, A83.   | 0.9 | 0         |
| 85 | Antibiotic usage in intensive care units: a pharmaco-epidemiological multicentre study. Journal of Antimicrobial Chemotherapy, 2004, 54, 221-224.                                   | 3.0 | 42        |
| 86 | Nutrition given to critically ill patients during high level/complex care (on Italian ICUs). Clinical Nutrition, 2004, 23, 409-416.   | 5.0 | 8         |
| 87 | 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         |
| 88 | Epidemiology and outcome of acute lung injury in European intensive care units. Intensive Care Medicine, 2004, 30, 51-61.   | 8.2 | 1,123     |
| 89 | Volume of activity and occupancy rate in intensive care units. Association with mortality. Intensive Care Medicine, 2004, 30, 290-297.  | 8.2 | 103       |
| 90 | Early enteral immunonutrition in patients with severe sepsis. Intensive Care Medicine, 2003, 29, 834-840.   | 8.2 | 298       |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 91  | 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.  | 8.2 | 98        |
| 92  | The role of Bayesian Networks in the diagnosis of pulmonary embolism. <i>Journal of Thrombosis and Haemostasis</i> , 2003, 1, 698-707.   | 3.8 | 19        |
| 93  | Variability of treatment duration for bacteraemia in the critically ill: a multinational survey. <i>Journal of Antimicrobial Chemotherapy</i> , 2003, 53, 121-121.   | 3.0 | 0         |
| 94  | Variability of treatment duration for bacteraemia in the critically ill: a multinational survey. <i>Journal of Antimicrobial Chemotherapy</i> , 2003, 52, 849-852.   | 3.0 | 39        |
| 95  | Insulin Dose or Glycemic Control for the Critically Ill?. <i>Critical Care Medicine</i> , 2003, 31, 2565-2566.   | 0.9 | 5         |
| 96  | 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.  | 1.4 | 892       |
| 97  | Anti- $\beta_2$ -glycoprotein I, antiprothrombin antibodies, and the risk of thrombosis in the antiphospholipid syndrome. <i>Blood</i> , 2003, 102, 2717-2723.   | 1.4 | 412       |
| 98  | 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.   | 2.3 | 14        |
| 99  | Local clinical research and changes in local clinical practice. <i>Anaesthesia</i> , 2003, 58, 199-200.  | 3.8 | 2         |
| 100 | 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. | 1.9 | 34        |
| 101 | Top-down costing: problems in determining staff costs in intensive care medicine. <i>Intensive Care Medicine</i> , 2002, 28, 1661-1663.  | 8.2 | 7         |
| 102 | Quality of reporting of randomised controlled trials in the intensive care literature. <i>Intensive Care Medicine</i> , 2002, 28, 1316-1323.   | 8.2 | 46        |
| 103 | Cost Analysis of Dialysis Modalities in Italy. <i>Health Services Management Research</i> , 2001, 14, 9-17.  | 1.7 | 15        |
| 104 | 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.   | 8.2 | 625       |
| 105 | Meta-analyses versus randomised controlled trials in intensive care medicine. <i>Intensive Care Medicine</i> , 2000, 26, 239-241.  | 8.2 | 9         |
| 106 | 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.   | 1.5 | 6         |
| 107 | Pediatric Risk of Mortality. <i>Critical Care Medicine</i> , 1998, 26, 1427-1432.  | 0.9 | 27        |
| 108 | Predicting Outcome in the Intensive Care Unit Using Scoring Systems. <i>Medical Care</i> , 1998, 36, 1371-1382.  | 2.4 | 25        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 109 | Inappropriate Halsted mastectomy and patient volume in Italian hospitals.. American Journal of Public Health, 1993, 83, 1762-1764.  | 2.7 | 15        |
| 110 | Cancer staging may have different meanings, but functional status too. Journal of Clinical Epidemiology, 1992, 45, 184-185.   | 5.0 | 0         |
| 111 | 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         |