# Maurizio Cecconi

### List of Publications by Citations

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268 22,461 58 147 h-index g-index citations papers 30,603 8.4 7.43 317 L-index avg, IF ext. citations ext. papers

| #   | Paper  | IF                 | Citations |
|-----|--|--------------------|-----------|
| 268 | Baseline Characteristics and Outcomes of 1591 Patients Infected With SARS-CoV-2 Admitted to ICUs of the Lombardy Region, Italy. <i>JAMA - Journal of the American Medical Association</i> , <b>2020</b> , 323, 1574  | - <del>1</del> 381 | 3054      |
| 267 | Critical Care Utilization for the COVID-19 Outbreak in Lombardy, Italy: Early Experience and Forecast During an Emergency Response. <i>JAMA - Journal of the American Medical Association</i> , <b>2020</b> , 323, 1545-1546   | 27.4               | 1287      |
| 266 | Mortality after surgery in Europe: a 7 day cohort study. <i>Lancet, The</i> , <b>2012</b> , 380, 1059-65   | 40                 | 1278      |
| 265 | Venous and arterial thromboembolic complications in COVID-19 patients admitted to an academic hospital in Milan, Italy. <i>Thrombosis Research</i> , <b>2020</b> , 191, 9-14   | 8.2                | 1179      |
| 264 | A systematic review and meta-analysis on the use of preemptive hemodynamic intervention to improve postoperative outcomes in moderate and high-risk surgical patients. <i>Anesthesia and Analgesia</i> , <b>2011</b> , 112, 1392-402   | 3.9                | 1147      |
| 263 | Surviving Sepsis Campaign: guidelines on the management of critically ill adults with Coronavirus Disease 2019 (COVID-19). <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 854-887  | 14.5               | 1011      |
| 262 | Genomewide Association Study of Severe Covid-19 with Respiratory Failure. <i>New England Journal of Medicine</i> , <b>2020</b> , 383, 1522-1534  | 59.2               | 913       |
| 261 | Consensus on circulatory shock and hemodynamic monitoring. Task force of the European Society of Intensive Care Medicine. <i>Intensive Care Medicine</i> , <b>2014</b> , 40, 1795-815  | 14.5               | 852       |
| 260 | Lithium dilution cardiac output measurement in the critically ill patient: determination of precision of the technique. <i>Intensive Care Medicine</i> , <b>2009</b> , 35, 498-504   | 14.5               | 655       |
| 259 | Risk Factors Associated With Mortality Among Patients With COVID-19 in Intensive Care Units in Lombardy, Italy. <i>JAMA Internal Medicine</i> , <b>2020</b> , 180, 1345-1355   | 11.5               | 604       |
| 258 | Sepsis and septic shock. <i>Lancet, The</i> , <b>2018</b> , 392, 75-87   | 40                 | 570       |
| 257 | Surviving Sepsis Campaign: Guidelines on the Management of Critically Ill Adults with Coronavirus Disease 2019 (COVID-19). <i>Critical Care Medicine</i> , <b>2020</b> , 48, e440-e469   | 1.4                | 566       |
| 256 | Effect of Early Vasopressin vs Norepinephrine on Kidney Failure in Patients With Septic Shock: The VANISH Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2016</b> , 316, 509-1  | 8 <sup>27.4</sup>  | 302       |
| 255 | Fluid challenges in intensive care: the FENICE study: A global inception cohort study. <i>Intensive Care Medicine</i> , <b>2015</b> , 41, 1529-37  | 14.5               | 295       |
| 254 | Pathophysiology of COVID-19-associated acute respiratory distress syndrome: a multicentre prospective observational study. <i>Lancet Respiratory Medicine,the</i> , <b>2020</b> , 8, 1201-1208   | 35.1               | 293       |
| 253 | Acute respiratory distress syndrome subphenotypes and differential response to simvastatin: secondary analysis of a randomised controlled trial. <i>Lancet Respiratory Medicine,the</i> , <b>2018</b> , 6, 691-698   | 35.1               | 256       |
| 252 | Effect of a Resuscitation Strategy Targeting Peripheral Perfusion Status vs Serum Lactate Levels on 28-Day Mortality Among Patients With Septic Shock: The ANDROMEDA-SHOCK Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2019</b> , 321, 654-664 | 27.4               | 252       |

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| 251   | The Surviving Sepsis Campaign bundles and outcome: results from the International Multicentre Prevalence Study on Sepsis (the IMPreSS study). <i>Intensive Care Medicine</i> , <b>2015</b> , 41, 1620-8  | 14.5                       | 245                      |
|---|--|----------------------------|--------------------------|
| 250   | Bench-to-bedside review: the importance of the precision of the reference technique in method comparison studieswith specific reference to the measurement of cardiac output. <i>Critical Care</i> , <b>2009</b> , 13, 201   | 10.8                       | 232                      |
| 249   | Clinical review: Goal-directed therapy-what is the evidence in surgical patients? The effect on different risk groups. <i>Critical Care</i> , <b>2013</b> , 17, 209  | 10.8                       | 216                      |
| 248   | Surviving sepsis campaign: international guidelines for management of sepsis and septic shock 2021. <i>Intensive Care Medicine</i> , <b>2021</b> , 47, 1181-1247   | 14.5                       | 199                      |
| 247   | A randomised controlled trial comparing transnasal humidified rapid insufflation ventilatory exchange (THRIVE) pre-oxygenation with facemask pre-oxygenation in patients undergoing rapid sequence induction of anaesthesia. <i>Anaesthesia</i> , <b>2017</b> , 72, 439-443  | 6.6                        | 185                      |
| 246   | The impact of frailty on ICU and 30-day mortality and the level of care in very elderly patients (IBOI)years). <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 1820-1828  | 14.5                       | 184                      |
| 245   | Second consensus on the assessment of sublingual microcirculation in critically ill patients: results from a task force of the European Society of Intensive Care Medicine. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 281-299   | 14.5                       | 183                      |
| 244   | Noninvasive continuous cardiac output monitoring in perioperative and intensive care medicine. <i>British Journal of Anaesthesia</i> , <b>2015</b> , 114, 562-75   | 5.4                        | 183                      |
| 243   | Hospital surge capacity in a tertiary emergency referral centre during the COVID-19 outbreak in Italy. <i>Anaesthesia</i> , <b>2020</b> , 75, 928-934  | 6.6                        | 166                      |
|   |  |                            |                          |
| 242   | Goal-directed therapy in cardiac surgery: a systematic review and meta-analysis. <i>British Journal of Anaesthesia</i> , <b>2013</b> , 110, 510-7  | 5.4                        | 154                      |
| 242   |  | ,                          | 154<br>149               |
|   | Anaesthesia, <b>2013</b> , 110, 510-7  | ,                          | 149                      |
| 241   | Anaesthesia, 2013, 110, 510-7  Less invasive hemodynamic monitoring in critically ill patients. Intensive Care Medicine, 2016, 42, 1350-9  | 14.5                       | 149                      |
| 241   | Anaesthesia, 2013, 110, 510-7  Less invasive hemodynamic monitoring in critically ill patients. Intensive Care Medicine, 2016, 42, 1350-9  Cardiac output monitoring: an integrative perspective. Critical Care, 2011, 15, 214  Perioperative Quality Initiative consensus statement on intraoperative blood pressure, risk and  | 14.5                       | 149<br>136               |
| 241<br>240<br>239   | Less invasive hemodynamic monitoring in critically ill patients. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 1350-9  Cardiac output monitoring: an integrative perspective. <i>Critical Care</i> , <b>2011</b> , 15, 214  Perioperative Quality Initiative consensus statement on intraoperative blood pressure, risk and outcomes for elective surgery. <i>British Journal of Anaesthesia</i> , <b>2019</b> , 122, 563-574  Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock  | 14.5<br>10.8               | 149<br>136<br>132        |
| <ul><li>241</li><li>240</li><li>239</li><li>238</li></ul>             | Less invasive hemodynamic monitoring in critically ill patients. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 1350-9  Cardiac output monitoring: an integrative perspective. <i>Critical Care</i> , <b>2011</b> , 15, 214  Perioperative Quality Initiative consensus statement on intraoperative blood pressure, risk and outcomes for elective surgery. <i>British Journal of Anaesthesia</i> , <b>2019</b> , 122, 563-574  Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock 2021. <i>Critical Care Medicine</i> , <b>2021</b> , 49, e1063-e1143  Goal-directed therapy in high-risk surgical patients: a 15-year follow-up study. <i>Intensive Care</i>  | 14.5<br>10.8<br>5.4        | 149<br>136<br>132        |
| <ul><li>241</li><li>240</li><li>239</li><li>238</li><li>237</li></ul> | Less invasive hemodynamic monitoring in critically ill patients. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 1350-9  Cardiac output monitoring: an integrative perspective. <i>Critical Care</i> , <b>2011</b> , 15, 214  Perioperative Quality Initiative consensus statement on intraoperative blood pressure, risk and outcomes for elective surgery. <i>British Journal of Anaesthesia</i> , <b>2019</b> , 122, 563-574  Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock 2021. <i>Critical Care Medicine</i> , <b>2021</b> , 49, e1063-e1143  Goal-directed therapy in high-risk surgical patients: a 15-year follow-up study. <i>Intensive Care Medicine</i> , <b>2010</b> , 36, 1327-32  Diastolic dysfunction and mortality in septic patients: a systematic review and meta-analysis. | 14.5<br>10.8<br>5.4<br>1.4 | 149<br>136<br>132<br>131 |

| 233 | Surviving Sepsis Campaign Guidelines on the Management of Adults With Coronavirus Disease 2019 (COVID-19) in the ICU: First Update. <i>Critical Care Medicine</i> , <b>2021</b> , 49, e219-e234                                      | 1.4                 | 119 |
|-----|--|---------------------|-----|
| 232 | Goal-directed haemodynamic therapy during elective total hip arthroplasty under regional anaesthesia. <i>Critical Care</i> , <b>2011</b> , 15, R132  | 10.8                | 115 |
| 231 | Acute heart failure and cardiogenic shock: a multidisciplinary practical guidance. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 147-63   | 14.5                | 113 |
| 230 | Hospital mortality of adults admitted to Intensive Care Units in hospitals with and without Intermediate Care Units: a multicentre European cohort study. <i>Critical Care</i> , <b>2014</b> , 18, 551                               | 10.8                | 106 |
| 229 | The contribution of frailty, cognition, activity of daily life and comorbidities on outcome in acutely admitted patients over 80 years in European ICUs: the VIP2 study. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 57-      | 6 <del>191</del> .5 | 101 |
| 228 | Accelerated surgery versus standard care in hip fracture (HIP ATTACK): an international, randomised, controlled trial. <i>Lancet, The</i> , <b>2020</b> , 395, 698-708   | 40                  | 98  |
| 227 | Cardiac complications associated with goal-directed therapy in high-risk surgical patients: a meta-analysis. <i>British Journal of Anaesthesia</i> , <b>2014</b> , 112, 648-59   | 5.4                 | 98  |
| 226 | Tracking changes in cardiac output: methodological considerations for the validation of monitoring devices. <i>Intensive Care Medicine</i> , <b>2009</b> , 35, 1801-8  | 14.5                | 94  |
| 225 | Early Predictors of Clinical Deterioration in a Cohort of 239 Patients Hospitalized for Covid-19 Infection in Lombardy, Italy. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,  | 5.1                 | 86  |
| 224 | Continuous and intermittent cardiac output measurement in hyperdynamic conditions: pulmonary artery catheter vs. lithium dilution technique. <i>Intensive Care Medicine</i> , <b>2008</b> , 34, 257-63                               | 14.5                | 81  |
| 223 | Individualised oxygen delivery targeted haemodynamic therapy in high-risk surgical patients: a multicentre, randomised, double-blind, controlled, mechanistic trial. <i>Lancet Respiratory Medicine,the</i> , <b>2015</b> , 3, 33-41 | 35.1                | 79  |
| 222 | Anesthesia for the High-Risk Patient. <i>Critical Care</i> , <b>2010</b> , 14, 312   | 10.8                | 78  |
| 221 | Management of IBD during the COVID-19 outbreak: resetting clinical priorities. <i>Nature Reviews Gastroenterology and Hepatology</i> , <b>2020</b> , 17, 253-255   | 24.2                | 76  |
| 220 | Changes in the mean systemic filling pressure during a fluid challenge in postsurgical intensive care patients. <i>Intensive Care Medicine</i> , <b>2013</b> , 39, 1299-305  | 14.5                | 72  |
| 219 | Effectiveness of a national quality improvement programme to improve survival after emergency abdominal surgery (EPOCH): a stepped-wedge cluster-randomised trial. <i>Lancet, The</i> , <b>2019</b> , 393, 2213-22                   | <del>211</del> 0    | 70  |
| 218 | Fluid therapy in neurointensive care patients: ESICM consensus and clinical practice recommendations. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 449-463   | 14.5                | 70  |
| 217 | Rationale and evidence on the use of tocilizumab in COVID-19: a systematic review. <i>Pulmonology</i> , <b>2021</b> , 27, 52-66  | 3.7                 | 69  |
| 216 | Tissue Doppler assessment of diastolic function and relationship with mortality in critically ill septic patients: a systematic review and meta-analysis. <i>British Journal of Anaesthesia</i> , <b>2017</b> , 119, 583-594         | 5.4                 | 65  |

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| 215 | Effects of fluid administration on arterial load in septic shock patients. <i>Intensive Care Medicine</i> , <b>2015</b> , 41, 1247-55  | 14.5 | 65 |
|-----|--|------|----|
| 214 | Pharmacodynamic Analysis of a Fluid Challenge. <i>Critical Care Medicine</i> , <b>2016</b> , 44, 880-91  | 1.4  | 65 |
| 213 | Hospital-Acquired Infections in Critically Ill Patients With COVID-19. Chest, 2021, 160, 454-465   | 5.3  | 64 |
| 212 | Withholding or withdrawing of life-sustaining therapy in older adults (IBOI) ears) admitted to the intensive care unit. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 1027-1038   | 14.5 | 62 |
| 211 | Current use of vasopressors in septic shock. <i>Annals of Intensive Care</i> , <b>2019</b> , 9, 20   | 8.9  | 58 |
| 210 | Vasculitis changes in COVID-19 survivors with persistent symptoms: an [F]FDG-PET/CT study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2021</b> , 48, 1460-1466   | 8.8  | 56 |
| 209 | Hemodynamic Effect of Different Doses of Fluids for a Fluid Challenge: A Quasi-Randomized Controlled Study. <i>Critical Care Medicine</i> , <b>2017</b> , 45, e161-e168  | 1.4  | 55 |
| 208 | The use of pulse pressure variation and stroke volume variation in spontaneously breathing patients to assess dynamic arterial elastance and to predict arterial pressure response to fluid administration. <i>Anesthesia and Analgesia</i> , <b>2015</b> , 120, 76-84 | 3.9  | 54 |
| 207 | Interleukin-6 receptor blocking with intravenous tocilizumab in COVID-19 severe acute respiratory distress syndrome: A retrospective case-control survival analysis of 128 patients. <i>Journal of Autoimmunity</i> , <b>2020</b> , 114, 102511                        | 15.5 | 53 |
| 206 | What is the impact of the fluid challenge technique on diagnosis of fluid responsiveness? A systematic review and meta-analysis. <i>Critical Care</i> , <b>2017</b> , 21, 207  | 10.8 | 53 |
| 205 | Cardiac output method comparison studies: the relation of the precision of agreement and the precision of method. <i>Journal of Clinical Monitoring and Computing</i> , <b>2016</b> , 30, 149-55   | 2    | 53 |
| 204 | Dynamic arterial elastance as a predictor of arterial pressure response to fluid administration: a validation study. <i>Critical Care</i> , <b>2014</b> , 18, 626  | 10.8 | 49 |
| 203 | Noninvasive Ventilatory Support of Patients with COVID-19 outside the Intensive Care Units (WARd-COVID). <i>Annals of the American Thoracic Society</i> , <b>2021</b> , 18, 1020-1026  | 4.7  | 48 |
| 202 | Alternatives to the Swan-Ganz catheter. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 730-741   | 14.5 | 47 |
| 201 | Macrophage expression and prognostic significance of the long pentraxin PTX3 in COVID-19. <i>Nature Immunology</i> , <b>2021</b> , 22, 19-24   | 19.1 | 47 |
| 200 | Pharmacological management of fluid overload. <i>British Journal of Anaesthesia</i> , <b>2014</b> , 113, 756-63  | 5.4  | 44 |
| 199 | Fluid administration for acute circulatory dysfunction using basic monitoring: narrative review and expert panel recommendations from an ESICM task force. <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 21-32  | 14.5 | 44 |
| 198 | Perioperative Quality Initiative consensus statement on postoperative blood pressure, risk and outcomes for elective surgery. <i>British Journal of Anaesthesia</i> , <b>2019</b> , 122, 575-586   | 5.4  | 42 |

| 197 | Understanding cardiac failure in sepsis. <i>Intensive Care Medicine</i> , <b>2014</b> , 40, 1560-3   | 14.5 | 42 |
|-----|--|------|----|
| 196 | Cerebral oximetry and return of spontaneous circulation after cardiac arrest: A systematic review and meta-analysis. <i>Resuscitation</i> , <b>2015</b> , 94, 67-72  | 4    | 40 |
| 195 | Cooling techniques for targeted temperature management post-cardiac arrest. <i>Critical Care</i> , <b>2015</b> , 19, 103   | 10.8 | 37 |
| 194 | Fluid bolus therapy: monitoring and predicting fluid responsiveness. <i>Current Opinion in Critical Care</i> , <b>2015</b> , 21, 388-94  | 3.5  | 37 |
| 193 | A cost-effectiveness analysis of postoperative goal-directed therapy for high-risk surgical patients. <i>Critical Care Medicine</i> , <b>2014</b> , 42, 1194-203   | 1.4  | 37 |
| 192 | Minimally invasive haemodynamic monitoring. European Journal of Anaesthesiology, 2009, 26, 996-1002  | 2.3  | 37 |
| 191 | Early goal-directed therapy using a physiological holistic view: the ANDROMEDA-SHOCK-a randomized controlled trial. <i>Annals of Intensive Care</i> , <b>2018</b> , 8, 52  | 8.9  | 35 |
| 190 | Impact of arterial load on the agreement between pulse pressure analysis and esophageal Doppler. <i>Critical Care</i> , <b>2013</b> , 17, R113   | 10.8 | 35 |
| 189 | COVID-19 Digestive System Involvement and Clinical Outcomes in a Large Academic Hospital in Milan, Italy. <i>Clinical Gastroenterology and Hepatology</i> , <b>2020</b> , 18, 2366-2368.e3                               | 6.9  | 35 |
| 188 | Transfusion strategies in non-bleeding critically ill adults: a clinical practice guideline from the European Society of Intensive Care Medicine. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 673-696             | 14.5 | 34 |
| 187 | How the COVID-19 pandemic will change the future of critical care. <i>Intensive Care Medicine</i> , <b>2021</b> , 47, 282-291  | 14.5 | 34 |
| 186 | Performance comparison of ventricular and arterial dP/dt for assessing left ventricular systolic function during different experimental loading and contractile conditions. <i>Critical Care</i> , <b>2018</b> , 22, 325 | 10.8 | 34 |
| 185 | A Prospective Study to Evaluate the Accuracy of Pulse Power Analysis to Monitor Cardiac Output in Critically Ill Patients. <i>BMC Anesthesiology</i> , <b>2008</b> , 8, 3  | 2.4  | 33 |
| 184 | Less invasive methods of advanced hemodynamic monitoring: principles, devices, and their role in the perioperative hemodynamic optimization. <i>Perioperative Medicine (London, England)</i> , <b>2013</b> , 2, 19       | 2.8  | 32 |
| 183 | Raised serum cardiac troponin I concentrations predict hospital mortality in intensive care unit patients. <i>British Journal of Anaesthesia</i> , <b>2012</b> , 109, 219-24   | 5.4  | 32 |
| 182 | Executive Summary: Surviving Sepsis Campaign: International Guidelines for the Management of Sepsis and Septic Shock 2021. <i>Critical Care Medicine</i> , <b>2021</b> , 49, 1974-1982                                   | 1.4  | 31 |
| 181 | Perioperative Quality Initiative consensus statement on preoperative blood pressure, risk and outcomes for elective surgery. <i>British Journal of Anaesthesia</i> , <b>2019</b> , 122, 552-562                          | 5.4  | 31 |
| 180 | Perioperative Quality Initiative consensus statement on the physiology of arterial blood pressure control in perioperative medicine. <i>British Journal of Anaesthesia</i> , <b>2019</b> , 122, 542-551                  | 5.4  | 31 |

| 179 | Understanding arterial load. Intensive Care Medicine, 2016, 42, 1625-1627   | 14.5                  | 30 |
|-----|---|-----------------------|----|
| 178 | Understanding the venous-arterial CO to arterial-venous O content difference ratio. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 1801-1804  | 14.5                  | 30 |
| 177 | Inhaled nitric oxide in mechanically ventilated patients with COVID-19. <i>Journal of Critical Care</i> , <b>2020</b> , 60, 159-160   | 4                     | 30 |
| 176 | International variation in the management of severe COVID-19 patients. <i>Critical Care</i> , <b>2020</b> , 24, 486   | 10.8                  | 30 |
| 175 | Long COVID hallmarks on [18F]FDG-PET/CT: a case-control study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2021</b> , 48, 3187-3197  | 8.8                   | 30 |
| 174 | The impact of frailty on survival in elderly intensive care patients with COVID-19: the COVIP study. <i>Critical Care</i> , <b>2021</b> , 25, 149   | 10.8                  | 30 |
| 173 | Metrology in medicine: from measurements to decision, with specific reference to anesthesia and intensive care. <i>Anesthesia and Analgesia</i> , <b>2015</b> , 120, 66-75  | 3.9                   | 28 |
| 172 | Fluid Challenge During Anesthesia: A Systematic Review and Meta-analysis. <i>Anesthesia and Analgesia</i> , <b>2018</b> , 127, 1353-1364  | 3.9                   | 27 |
| 171 | Expert statement for the management of hypovolemia in sepsis. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 791-   | - <b>7<u>9</u>8</b> 5 | 26 |
| 170 | Preoperative abnormalities in serum sodium concentrations are associated with higher in-hospital mortality in patients undergoing major surgery. <i>British Journal of Anaesthesia</i> , <b>2016</b> , 116, 63-9        | 5.4                   | 26 |
| 169 | Severity assessment tools in ICU patients with 2009 influenza A (H1N1) pneumonia. <i>Clinical Microbiology and Infection</i> , <b>2012</b> , 18, 1040-8   | 9.5                   | 25 |
| 168 | Ability and efficiency of an automatic analysis software to measure microvascular parameters.<br>Journal of Clinical Monitoring and Computing, 2017, 31, 669-676  | 2                     | 24 |
| 167 | Tidal volume challenge to predict fluid responsiveness in the operating room: An observational study. <i>European Journal of Anaesthesiology</i> , <b>2019</b> , 36, 583-591  | 2.3                   | 24 |
| 166 | Cardiac Output Monitoring: Validation Studies-how Results Should be Presented. <i>Current Anesthesiology Reports</i> , <b>2017</b> , 7, 410-415   | 1                     | 23 |
| 165 | Cell-free DNA and outcome in sepsis. <i>Critical Care</i> , <b>2012</b> , 16, 170   | 10.8                  | 23 |
| 164 | A published pharmacogenetic algorithm was poorly predictive of tacrolimus clearance in an independent cohort of renal transplant recipients. <i>British Journal of Clinical Pharmacology</i> , <b>2013</b> , 76, 425-31 | 3.8                   | 23 |
| 163 | Urine output on an intensive care unit: case-control study. <i>BMJ, The</i> , <b>2010</b> , 341, c6761  | 5.9                   | 23 |
| 162 | Challenges in the management of septic shock: a narrative review. <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 420-433  | 14.5                  | 22 |

| 161 | Systematic assessment of fluid responsiveness during early septic shock resuscitation: secondary analysis of the ANDROMEDA-SHOCK trial. <i>Critical Care</i> , <b>2020</b> , 24, 23  | 10.8 | 22 |
|-----|--|------|----|
| 160 | Year in review in Intensive Care Medicine 2013: I. Acute kidney injury, ultrasound, hemodynamics, cardiac arrest, transfusion, neurocritical care, and nutrition. <i>Intensive Care Medicine</i> , <b>2014</b> , 40, 147-59  | 14.5 | 22 |
| 159 | A comparison of very old patients admitted to intensive care unit after acute versus elective surgery or intervention. <i>Journal of Critical Care</i> , <b>2019</b> , 52, 141-148   | 4    | 21 |
| 158 | High mortality in COVID-19 patients with mild respiratory disease. <i>European Journal of Clinical Investigation</i> , <b>2020</b> , 50, e13314  | 4.6  | 21 |
| 157 | Functional hemodynamic tests: a systematic review and a metanalysis on the reliability of the end-expiratory occlusion test and of the mini-fluid challenge in predicting fluid responsiveness. <i>Critical Care</i> , <b>2019</b> , 23, 264   | 10.8 | 21 |
| 156 | Perioperative fluid management: From physiology to improving clinical outcomes. <i>Indian Journal of Anaesthesia</i> , <b>2017</b> , 61, 614-621   | 1.5  | 21 |
| 155 | Organizational Issues, Structure, and Processes of Care in 257 ICUs in Latin America: A Study From the Latin America Intensive Care Network. <i>Critical Care Medicine</i> , <b>2017</b> , 45, 1325-1336   | 1.4  | 20 |
| 154 | Reliability of the Clinical Frailty Scale in very elderly ICU patients: a prospective European study. <i>Annals of Intensive Care</i> , <b>2021</b> , 11, 22   | 8.9  | 20 |
| 153 | Effects of arterial load variations on dynamic arterial elastance: an experimental study. <i>British Journal of Anaesthesia</i> , <b>2017</b> , 118, 938-946   | 5.4  | 19 |
| 152 | Year in review in Intensive Care Medicine 2014: III. Severe infections, septic shock, healthcare-associated infections, highly resistant bacteria, invasive fungal infections, severe viral infections, Ebola virus disease and paediatrics. <i>Intensive Care Medicine</i> , <b>2015</b> , 41, 575-88 | 14.5 | 19 |
| 151 | Management of critically ill patients with COVID-19: suggestions and instructions from the coordination of intensive care units of Lombardy. <i>Minerva Anestesiologica</i> , <b>2020</b> , 86, 1234-1245  | 1.9  | 19 |
| 150 | Reliability of effective arterial elastance using peripheral arterial pressure as surrogate for left ventricular end-systolic pressure. <i>Journal of Clinical Monitoring and Computing</i> , <b>2019</b> , 33, 803-813  | 2    | 18 |
| 149 | Sharing ICU Patient Data Responsibly Under the Society of Critical Care Medicine/European Society of Intensive Care Medicine Joint Data Science Collaboration: The Amsterdam University Medical Centers Database (AmsterdamUMCdb) Example. <i>Critical Care Medicine</i> , <b>2021</b> , 49, e563-e577 | 1.4  | 18 |
| 148 | Ten things we learned about COVID-19. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 1590-1593   | 14.5 | 17 |
| 147 | Noninvasive Cardiac Output Monitoring in Cardiothoracic Surgery Patients: Available Methods and Future Directions. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2019</b> , 33, 1742-1752  | 2.1  | 17 |
| 146 | Use of critical care resources during the first 2 weeks (February 24-March 8, 2020) of the Covid-19 outbreak in Italy. <i>Annals of Intensive Care</i> , <b>2020</b> , 10, 133   | 8.9  | 17 |
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## (2013-2015)

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|-----|--|------|----|
| 142 | Effects of Fluids on the Macro- and Microcirculations. <i>Critical Care</i> , <b>2018</b> , 22, 74   | 10.8 | 16 |
| 141 | Conservative vs liberal fluid therapy in septic shock (CLASSIC) trial-Protocol and statistical analysis plan. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2019</b> , 63, 1262-1271   | 1.9  | 16 |
| 140 | Thermodilution vs pressure recording analytical method in hemodynamic stabilized patients.<br>Journal of Critical Care, <b>2014</b> , 29, 260-4  | 4    | 16 |
| 139 | The MISSED score, a new scoring system to predict Mortality In Severe Sepsis in the Emergency Department: a derivation and validation study. <i>European Journal of Emergency Medicine</i> , <b>2014</b> , 21, 30-6  | 2.3  | 16 |
| 138 | Validation of continuous cardiac output technologies: consensus still awaited. <i>Critical Care</i> , <b>2009</b> , 13, 159  | 10.8 | 16 |
| 137 | What role does the right side of the heart play in circulation?. Critical Care, 2006, 10 Suppl 3, S5   | 10.8 | 16 |
| 136 | Cumulative Prognostic Score Predicting Mortality in Patients Older Than 80 Years Admitted to the ICU. <i>Journal of the American Geriatrics Society</i> , <b>2019</b> , 67, 1263-1267  | 5.6  | 15 |
| 135 | Year in review in Intensive Care Medicine 2013: II. Sedation, invasive and noninvasive ventilation, airways, ARDS, ECMO, family satisfaction, end-of-life care, organ donation, informed consent, safety, hematological issues in critically ill patients. <i>Intensive Care Medicine</i> , <b>2014</b> , 40, 305-19   | 14.5 | 15 |
| 134 | Central venous pressure cannot predict fluid-responsiveness. <i>Evidence-Based Medicine</i> , <b>2014</b> , 19, 63   |      | 15 |
| 133 | Noninvasive respiratory support outside the intensive care unit for acute respiratory failure related to coronavirus-19 disease: a systematic review and meta-analysis. <i>Critical Care</i> , <b>2021</b> , 25, 268   | 10.8 | 15 |
| 132 | Association between perioperative fluid administration and postoperative outcomes: a 20-year systematic review and a meta-analysis of randomized goal-directed trials in major visceral/noncardiac surgery. <i>Critical Care</i> , <b>2021</b> , 25, 43  | 10.8 | 15 |
|     | visceral/fibricardiac surgery. Critical Care, <b>2021</b> , 23, 43   |      |    |
| 131 | Minimally invasive monitoring of cardiac output in the cardiac surgery intensive care unit. <i>Current Heart Failure Reports</i> , <b>2010</b> , 7, 116-24   | 2.8  | 14 |
| 131 | Minimally invasive monitoring of cardiac output in the cardiac surgery intensive care unit. Current  | 2.8  | 14 |
|     | Minimally invasive monitoring of cardiac output in the cardiac surgery intensive care unit. <i>Current Heart Failure Reports</i> , <b>2010</b> , 7, 116-24  Short-term health-related quality of life, physical function and psychological consequences of   |      | •  |
| 130 | Minimally invasive monitoring of cardiac output in the cardiac surgery intensive care unit. <i>Current Heart Failure Reports</i> , <b>2010</b> , 7, 116-24  Short-term health-related quality of life, physical function and psychological consequences of severe COVID-19. <i>Annals of Intensive Care</i> , <b>2021</b> , 11, 91  Determinants of left ventricular ejection fraction and a novel method to improve its assessment of   | 8.9  | 14 |
| 130 | Minimally invasive monitoring of cardiac output in the cardiac surgery intensive care unit. <i>Current Heart Failure Reports</i> , <b>2010</b> , 7, 116-24  Short-term health-related quality of life, physical function and psychological consequences of severe COVID-19. <i>Annals of Intensive Care</i> , <b>2021</b> , 11, 91  Determinants of left ventricular ejection fraction and a novel method to improve its assessment of myocardial contractility. <i>Annals of Intensive Care</i> , <b>2019</b> , 9, 48  Huge variation in obtaining ethical permission for a non-interventional observational study in | 8.9  | 14 |

| 125 | Haemodynamic monitoring in the peri-operative period: the past, the present and the future. <i>Anaesthesia</i> , <b>2017</b> , 72 Suppl 1, 7-15  | 6.6  | 12 |
|-----|--|------|----|
| 124 | Assessment of Fluid Responsiveness in Prone Neurosurgical Patients Undergoing Protective Ventilation: Role of Dynamic Indices, Tidal Volume Challenge, and End-Expiratory Occlusion Test. <i>Anesthesia and Analgesia</i> , <b>2020</b> , 130, 752-761 | 3.9  | 12 |
| 123 | Patient-ventilator asynchrony affects pulse pressure variation prediction of fluid responsiveness.<br>Journal of Critical Care, <b>2015</b> , 30, 1067-71  | 4    | 11 |
| 122 | Dynamic Arterial Elastance as a Ventriculo-Arterial Coupling Index: An Experimental Animal Study. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 284   | 4.6  | 11 |
| 121 | Understanding platelet dysfunction in sepsis. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 583-586   | 14.5 | 11 |
| 120 | Predicting Fluid Responsiveness in Acute Liver Failure: A Prospective Study. <i>Anesthesia and Analgesia</i> , <b>2017</b> , 124, 480-486  | 3.9  | 11 |
| 119 | Less-invasive approaches to perioperative haemodynamic optimization. <i>Current Opinion in Critical Care</i> , <b>2012</b> , 18, 377-84  | 3.5  | 11 |
| 118 | Evaluation of new laryngoscope blade for tracheal intubation, Truview EVO2: a manikin study. <i>European Journal of Anaesthesiology</i> , <b>2008</b> , 25, 446-9  | 2.3  | 11 |
| 117 | Current use of inotropes in circulatory shock. <i>Annals of Intensive Care</i> , <b>2021</b> , 11, 21  | 8.9  | 11 |
| 116 | Conflicts of interest disclosure forms and management in critical care clinical practice guidelines.  Intensive Care Medicine, 2018, 44, 1691-1698   | 14.5 | 11 |
| 115 | A web-based Italian survey of current trends, habits and beliefs in hemodynamic monitoring and management. <i>Journal of Clinical Monitoring and Computing</i> , <b>2015</b> , 29, 635-42  | 2    | 10 |
| 114 | Metrology part 1: definition of quality criteria. <i>Journal of Clinical Monitoring and Computing</i> , <b>2021</b> , 35, 17-25  | 2    | 10 |
| 113 | Barotrauma in mechanically ventilated patients with Coronavirus disease 2019: a survey of 38 hospitals in Lombardy, Italy. <i>Minerva Anestesiologica</i> , <b>2021</b> , 87, 193-198  | 1.9  | 10 |
| 112 | Predicting vasopressor needs using dynamic parameters. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 1841-1843  | 14.5 | 9  |
| 111 | Can (and should) the venous tone be monitored at the bedside?. <i>Current Opinion in Critical Care</i> , <b>2015</b> , 21, 240-4   | 3.5  | 9  |
| 110 | Year in review in Intensive Care Medicine 2012: I. Neurology and neurointensive care, epidemiology and nephrology, biomarkers and inflammation, nutrition, experimentals. <i>Intensive Care Medicine</i> , <b>2013</b> , 39, 232-46                    | 14.5 | 9  |
| 109 | Transfusion strategies in bleeding critically ill adults: a clinical practice guideline from the European Society of Intensive Care Medicine. <i>Intensive Care Medicine</i> , <b>2021</b> , 47, 1368-1392   | 14.5 | 9  |
| 108 | Systolic dysfunction as evaluated by tissue Doppler imaging echocardiography and mortality in septic patients: A systematic review and meta-analysis. <i>Journal of Critical Care</i> , <b>2021</b> , 62, 256-264                                      | 4    | 9  |

| 107 | Noninvasive continuous arterial pressure monitoring with Clearsight during awake carotid endarterectomy: A prospective observational study. <i>European Journal of Anaesthesiology</i> , <b>2019</b> , 36, 144   | 1-132 | 9 |
|-----|--|-------|---|
| 106 | Cerebral regional oxygen saturation during cardiopulmonary resuscitation and return of spontaneous circulation: A systematic review and meta-analysis. <i>Resuscitation</i> , <b>2021</b> , 159, 19-27   | 4     | 9 |
| 105 | Year in review in Intensive Care Medicine 2012. II: Pneumonia and infection, sepsis, coagulation, hemodynamics, cardiovascular and microcirculation, critical care organization, imaging, ethics and legal issues. <i>Intensive Care Medicine</i> , <b>2013</b> , 39, 345-64                   | 14.5  | 8 |
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| 101 | Yesterday heroes, today plague doctors: the dark side of celebration. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 1790-1791   | 14.5  | 7 |
| 100 | Pulse pressure analysis: to make a long story short. <i>Critical Care</i> , <b>2010</b> , 14, 175  | 10.8  | 7 |
| 99  | Haemodynamic monitoring in acute heart failure. Heart Failure Reviews, 2007, 12, 105-11  | 5     | 7 |
| 98  | From cardiac output to blood flow auto-regulation in shock. <i>Anaesthesiology Intensive Therapy</i> , <b>2015</b> , 47 Spec No, s56-62  | 1.7   | 7 |
| 97  | COVID-19: What were done well and what we could or should have done better-the 4 Ps. <i>Critical Care</i> , <b>2021</b> , 25, 40   | 10.8  | 7 |
| 96  | Predictive values of pulse pressure variation and stroke volume variation for fluid responsiveness in patients with pneumoperitoneum. <i>Journal of Clinical Monitoring and Computing</i> , <b>2018</b> , 32, 825-832  | 2     | 7 |
| 95  | Year in review in Intensive Care Medicine 2014: II. ARDS, airway management, ventilation, adjuvants in sepsis, hepatic failure, symptoms assessment and management, palliative care and support for families, prognostication, organ donation, outcome, organisation and research methodology. | 14.5  | 6 |
| 94  | Intensive Care Medicine, <b>2015</b> , 41, 389-401  Maternal Risk Modeling in Critical Care-Development of a Multivariable Risk Prediction Model for Death and Prolonged Intensive Care. <i>Critical Care Medicine</i> , <b>2020</b> , 48, 663-672   | 1.4   | 6 |
| 93  | Noradrenaline modifies arterial reflection phenomena and left ventricular efficiency in septic shock patients: A prospective observational study. <i>Journal of Critical Care</i> , <b>2018</b> , 47, 280-286  | 4     | 6 |
| 92  | Year in review in Intensive Care Medicine 2013: III. Sepsis, infections, respiratory diseases, pediatrics. <i>Intensive Care Medicine</i> , <b>2014</b> , 40, 471-83   | 14.5  | 6 |
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| 89 | Steroid use in elderly critically ill COVID-19 patients. European Respiratory Journal, 2021, 58,  | 13.6              | 6 |
|----|---|-------------------|---|
| 88 | Early Effects of Passive Leg-Raising Test, Fluid Challenge, and Norepinephrine on Cerebral Autoregulation and Oxygenation in COVID-19 Critically Ill Patients. <i>Frontiers in Neurology</i> , <b>2021</b> , 12, 674  | 14 <del>6</del> 6 | 6 |
| 87 | Metrology part 2: Procedures for the validation of major measurement quality criteria and measuring instrument properties. <i>Journal of Clinical Monitoring and Computing</i> , <b>2021</b> , 35, 27-37  | 2                 | 6 |
| 86 | An analysis of emergency tracheal intubations in critically ill patients by critical care trainees. <i>Journal of the Intensive Care Society</i> , <b>2018</b> , 19, 180-187  | 1.6               | 6 |
| 85 | Restriction of Intravenous Fluid in ICU Patients with Septic Shock. New England Journal of Medicine,  | 59.2              | 6 |
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| 83 | Sigh maneuver to enhance assessment of fluid responsiveness during pressure support ventilation. <i>Critical Care</i> , <b>2019</b> , 23, 31  | 10.8              | 5 |
| 82 | The practice of intensive care in Latin America: a survey of academic intensivists. <i>Critical Care</i> , <b>2018</b> , 22, 39   | 10.8              | 5 |
| 81 | Year in review in Intensive Care Medicine 2014: I. Cardiac dysfunction and cardiac arrest, ultrasound, neurocritical care, ICU-acquired weakness, nutrition, acute kidney injury, and miscellaneous. <i>Intensive Care Medicine</i> , <b>2015</b> , 41, 179-191 | 14.5              | 5 |
| 80 | Should we use early less invasive hemodynamic monitoring in unstable ICU patients?. <i>Critical Care</i> , <b>2011</b> , 15, 173  | 10.8              | 5 |
| 79 | Time course of risk factors associated with mortality of 1260 critically ill patients with COVID-19 admitted to 24 Italian intensive care units. <i>Intensive Care Medicine</i> , <b>2021</b> , 47, 995-1008  | 14.5              | 5 |
| 78 | Association between tracheostomy timing and outcomes for older critically ill COVID-19 patients: prospective observational study in European intensive care units <i>British Journal of Anaesthesia</i> , <b>2021</b> ,   | 5.4               | 5 |
| 77 | Lung response to a higher positive end-expiratory pressure in mechanically ventilated patients with COVID-19. <i>Chest</i> , <b>2021</b> ,  | 5.3               | 5 |
| 76 | Impact of anti-androgen therapies on COVID-19 susceptibility: a case-control study in male population from two COVID-19 regional centers of Lombardy (Italy)  |                   | 5 |
| 75 | Sex-specific outcome disparities in very old patients admitted to intensive care medicine: a propensity matched analysis. <i>Scientific Reports</i> , <b>2020</b> , 10, 18671   | 4.9               | 5 |
| 74 | COVID-19-related echocardiographic patterns of cardiovascular dysfunction in critically ill patients: A systematic review of the current literature. <i>Journal of Critical Care</i> , <b>2021</b> , 65, 26-35  | 4                 | 5 |
| 73 | Current practice and evolving concepts in septic shock resuscitation <i>Intensive Care Medicine</i> , <b>2021</b> , 48, 148   | 14.5              | 5 |
| 72 | Renal resistive index as a predictor of postoperative complications in liver resection surgery. Observational study. <i>Journal of Clinical Monitoring and Computing</i> , <b>2021</b> , 35, 731-740  | 2                 | 4 |

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| 71 | Pulmonary embolism with haemorrhagic pericardial effusion and tamponade: a clinical dilemma. <i>BMJ Case Reports</i> , <b>2014</b> , 2014,   | 0.9  | 4 |
|----|--|------|---|
| 70 | Macrophage expression and prognostic significance of the long pentraxin PTX3 in COVID-19   |      | 4 |
| 69 | Circulating pentraxin 3 in severe COVID-19 or other pulmonary sepsis. <i>European Journal of Clinical Investigation</i> , <b>2021</b> , 51, e13530   | 4.6  | 4 |
| 68 | Relationship between the Clinical Frailty Scale and short-term mortality in patients <b>B</b> 0lyears old acutely admitted to the ICU: a prospective cohort study. <i>Critical Care</i> , <b>2021</b> , 25, 231  | 10.8 | 4 |
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| 66 | The trend of C-Reactive protein allows a safe early discharge after surgery for Crohnß disease. <i>Updates in Surgery</i> , <b>2020</b> , 72, 985-989  | 2.9  | 3 |
| 65 | Fluid administration for acute circulatory dysfunction using basic monitoring. <i>Annals of Translational Medicine</i> , <b>2020</b> , 8, 788  | 3.2  | 3 |
| 64 | Goal-directed therapy to maintain haemostasis. <i>Baillierels Best Practice and Research in Clinical Anaesthesiology</i> , <b>2016</b> , 30, 217-28  | 4    | 3 |
| 63 | Hemodynamic optimization in severe trauma: a systematic review and meta-analysis. <i>Revista Brasileira De Terapia Intensiva</i> , <b>2014</b> , 26, 397-406   | 1.2  | 3 |
| 62 | Cost-effectiveness in goal-directed therapy: are the dollars spent worth the value?. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2014</b> , 28, 1660-6   | 2.1  | 3 |
| 61 | Assessing agreement in cardiac output monitoring validation studies. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2010</b> , 24, 741; author reply 741-2  | 2.1  | 3 |
| 60 | The cardiac arrest centre for the treatment of sudden cardiac arrest due to presumed cardiac cause: aims, function, and structure: position paper of the ACVC association of the ESC, EAPCI, EHRA, ERC, EUSEM, and ESICM. <i>European Heart Journal: Acute Cardiovascular Care</i> , | 4.3  | 3 |
| 59 | Perioperative Management of Complex Hepatectomy for Colorectal Liver Metastases: The Alliance between the Surgeon and the Anesthetist. <i>Cancers</i> , <b>2021</b> , 13,  | 6.6  | 3 |
| 58 | CORONA-steps for tracheotomy in COVID-19 patients: A staff-safe method for airway management. <i>Oral Oncology</i> , <b>2020</b> , 105, 104728   | 4.4  | 3 |
| 57 | Evaluation of cardiac function using heart-lung interactions. <i>Annals of Translational Medicine</i> , <b>2018</b> , 6, 356   | 3.2  | 3 |
| 56 | Outcome prediction during an ICU surge using a purely data-driven approach: A supervised machine learning case-study in critically ill patients from COVID-19 Lombardy outbreak. <i>International Journal of Medical Informatics</i> , <b>2022</b> , 164, 104807                     | 5.3  | 3 |
| 55 | Impact of advanced monitoring variables on intraoperative clinical decision-making: an international survey. <i>Journal of Clinical Monitoring and Computing</i> , <b>2017</b> , 31, 205-212   | 2    | 2 |
| 54 | Haemodynamic coherence in perioperative setting. <i>Baillierels Best Practice and Research in Clinical Anaesthesiology</i> , <b>2016</b> , 30, 445-452   | 4    | 2 |

| 53 | THRIVE, rapid sequence induction and oxygenation. A reply. <i>Anaesthesia</i> , <b>2017</b> , 72, 1033-1035   | 6.6   | 2 |
|----|---|-------|---|
| 52 | In Response. <i>Anesthesia and Analgesia</i> , <b>2015</b> , 121, 1400-2  | 3.9   | 2 |
| 51 | Perioperative Haemodynamic Optimisation. <i>Turkish Journal of Anaesthesiology and Reanimation</i> , <b>2014</b> , 42, 56-65  | 0.7   | 2 |
| 50 | Assessing left ventricular systolic function with ejection fraction: using a double-edged knife as a hammer. <i>Annals of Intensive Care</i> , <b>2019</b> , 9, 111   | 8.9   | 2 |
| 49 | Multivariable haemodynamic approach to predict the fluid challenge response: A multicentre cohort study. <i>European Journal of Anaesthesiology</i> , <b>2021</b> , 38, 22-31   | 2.3   | 2 |
| 48 | Trans-thoracic Echocardiography in Prone Positioning COVID-19 Patients: a Small Case Series. <i>SN Comprehensive Clinical Medicine</i> , <b>2020</b> , 2, 1-6   | 2.7   | 2 |
| 47 | A dedicated multidisciplinary safety briefing for the COVID-19 critical care. <i>Intensive and Critical Care Nursing</i> , <b>2020</b> , 60, 102882   | 3.1   | 2 |
| 46 | Perioperative liberal versus restrictive fluid strategies and postoperative outcomes: a systematic review and metanalysis on randomised-controlled trials in major abdominal elective surgery. <i>Critical Care</i> , <b>2021</b> , 25, 205 | 10.8  | 2 |
| 45 | Provision of critical care for the elderly in Europe: a retrospective comparison of national healthcare frameworks in intensive care units. <i>BMJ Open</i> , <b>2021</b> , 11, e046909   | 3     | 2 |
| 44 | Norepinephrine Infusion in the Emergency Department in Septic Shock Patients: A Retrospective 2-Years Safety Report and Outcome Analysis. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,      | 4.6   | 2 |
| 43 | Variation in communication and family visiting policies in intensive care within and between countries during the Covid-19 pandemic: The COVISIT international survey <i>Journal of Critical Care</i> , <b>2022</b> , 71, 154050            | 4     | 2 |
| 42 | Determinants of Venous Return. <i>Lessons From the ICU</i> , <b>2019</b> , 27-37  | 0.1   | 1 |
| 41 | Influence of Thrombolysis and Mechanical Ventilation on Echocardiographic Predictors of Survival after Acute Pulmonary Embolism. <i>Journal of the American Society of Echocardiography</i> , <b>2015</b> , 28, 846                         | 5.8   | 1 |
| 40 | In Response. <i>Anesthesia and Analgesia</i> , <b>2020</b> , 130, e151  | 3.9   | 1 |
| 39 | ICU management based on big data. Current Opinion in Anaesthesiology, 2020, 33, 162-169   | 2.9   | 1 |
| 38 | Guidelines seek unbiased recommendations. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 1065-1069  | 14.5  | 1 |
| 37 | Imagin[[A Common Language for ICU Data Inquiry and Analysis). Critical Care Medicine, 2020, 48, 273-27  | 751.4 | 1 |
| 36 | Management of the circulation on ICU. Surgery, <b>2009</b> , 27, 486-491  | 0.3   | 1 |

| 35                         | Hemodynamic monitoring today. Anesthesiology Research and Practice, 2011, 2011, 535912  | 1.1                           | 1                                       |
|----------------------------|---|-------------------------------|---|
| 34                         | Cardiopulmonary assessment of patients with end-stage kidney disease. <i>Nephrology Dialysis Transplantation</i> , <b>2012</b> , 27, 3000   | 4.3                           | 1                                       |
| 33                         | A PMultiomicPApproach of Saliva Metabolomics, Microbiota, and Serum Biomarkers to Assess the Need of Hospitalization in Coronavirus Disease 2019. <b>2022</b> , 1, 194-209  |                               | 1                                       |
| 32                         | Management and outcomes in critically ill nonagenarian versus octogenarian patients. <i>BMC Geriatrics</i> , <b>2021</b> , 21, 576  | 4.1                           | 1                                       |
| 31                         | May near infra-red spectroscopy and rapid perfusion pressure recovering be enough to rule out post-operative spinal cord injury? Two compared case-reports. <i>Journal of Clinical Monitoring and Computing</i> , <b>2020</b> , 34, 955-959   | 2                             | 1                                       |
| 30                         | Transfusion in critical care: Past, present and future. <i>Transfusion Medicine</i> , <b>2020</b> , 30, 418-432   | 1.3                           | 1                                       |
| 29                         | The effect of COVID-19 epidemic on vital signs in hospitalized patients: a pre-post heat-map study from a large teaching hospital. <i>Journal of Clinical Monitoring and Computing</i> , <b>2021</b> , 1  | 2                             | 1                                       |
| 28                         | Good clinical practice for the use of vasopressor and inotropic drugs in critically ill patients: state-of-the-art and expert consensus. <i>Minerva Anestesiologica</i> , <b>2021</b> , 87, 714-732   | 1.9                           | 1                                       |
| 27                         | Rebuttal to: "As simple as possible, but not simpler: estimating the effective arterial elastance at bedside". <i>Journal of Clinical Monitoring and Computing</i> , <b>2019</b> , 33, 937-940  | 2                             | 1                                       |
|                            |   |                               |   |
| 26                         | Increased 30-day mortality in very old ICU patients with COVID-19 compared to patients with respiratory failure without COVID-19 <i>Intensive Care Medicine</i> , <b>2022</b> , 48, 435   | 14.5                          | 1                                       |
| 26<br>25                   |   | 14.5<br>4                     | 1                                       |
|                            | respiratory failure without COVID-19 <i>Intensive Care Medicine</i> , <b>2022</b> , 48, 435  An international survey of adherence to Surviving Sepsis Campaign Guidelines 2016 regarding fluid resuscitation and vasopressors in the initial management of septic shock <i>Journal of Critical Care</i> ,   |                               |   |
| 25                         | respiratory failure without COVID-19 <i>Intensive Care Medicine</i> , <b>2022</b> , 48, 435  An international survey of adherence to Surviving Sepsis Campaign Guidelines 2016 regarding fluid resuscitation and vasopressors in the initial management of septic shock <i>Journal of Critical Care</i> , <b>2021</b> ,  Clinical Outcomes in the Second versus First Pandemic Wave in Italy: Impact of Hospital Changes  | 4                             | 1                                       |
| 25<br>24                   | respiratory failure without COVID-19 Intensive Care Medicine, 2022, 48, 435  An international survey of adherence to Surviving Sepsis Campaign Guidelines 2016 regarding fluid resuscitation and vasopressors in the initial management of septic shock Journal of Critical Care, 2021,  Clinical Outcomes in the Second versus First Pandemic Wave in Italy: Impact of Hospital Changes and Reorganization. Applied Sciences (Switzerland), 2021, 11, 9342  Long-term patient-important outcomes after septic shock: A protocol for 1-year follow-up of the  | 2.6                           | 1                                       |
| 25<br>24<br>23             | An international survey of adherence to Surviving Sepsis Campaign Guidelines 2016 regarding fluid resuscitation and vasopressors in the initial management of septic shock <i>Journal of Critical Care</i> , 2021,  Clinical Outcomes in the Second versus First Pandemic Wave in Italy: Impact of Hospital Changes and Reorganization. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9342  Long-term patient-important outcomes after septic shock: A protocol for 1-year follow-up of the CLASSIC trial. <i>Acta Anaesthesiologica Scandinavica</i> , 2020, 64, 410-416  Dynamic Arterial Elastance During Experimental Endotoxic Septic Shock: A Potential Marker of   | 2.6                           | 1<br>0                                  |
| 25<br>24<br>23<br>22       | An international survey of adherence to Surviving Sepsis Campaign Guidelines 2016 regarding fluid resuscitation and vasopressors in the initial management of septic shock <i>Journal of Critical Care</i> , 2021,  Clinical Outcomes in the Second versus First Pandemic Wave in Italy: Impact of Hospital Changes and Reorganization. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9342  Long-term patient-important outcomes after septic shock: A protocol for 1-year follow-up of the CLASSIC trial. <i>Acta Anaesthesiologica Scandinavica</i> , 2020, 64, 410-416  Dynamic Arterial Elastance During Experimental Endotoxic Septic Shock: A Potential Marker of Cardiovascular Efficiency. <i>Frontiers in Physiology</i> , 2020, 11, 562824  Critical Care Outreach Team During COVID-19: Ventilatory Support in the Ward and Outcomes.  | 2.6<br>1.9<br>4.6             | 1<br>0<br>0                             |
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