

TOMMASO SCQUIZZATO

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EDUCATION

2017 – 2023 **Degree Course in Medicine and Surgery (held in English)**
Vita-Salute San Raffaele University, Milan, Italy

WORK EXPERIENCE

October 2018 – present **Research Assistant, Center for Intensive Care and Anesthesiology**
IRCCS San Raffaele Scientific Institute, Milan, Italy
I conduct research in the fields of resuscitation, cardiac arrest, emergency medicine, and medical technology, mainly with the ideation and coordination of systematic reviews and meta-analyses. I manage social media accounts of the center.

October 2018 – present **Internship, Department of Anesthesia and Intensive Care**
IRCCS San Raffaele Scientific Institute, Milan, Italy
Clinical activity as a medical student in the cardiothoracic intensive care unit and operating rooms.

November 2021 – present **Social Media Editor**
Resuscitation and Resuscitation Plus journals, Elsevier
Member of the Editorial Boards as Social Media Editor

December 2021 – present **Member, BLS Science and Education Committee**
European Resuscitation Council (ERC)

July 15th 2021 – present **Member, ILCOR Communications Committee**
International Liaison Committee on Resuscitation (ILCOR)

March 2021 – present **Member, ERC Social Media Team**
European Resuscitation Council (ERC)

- December 2021 – present **Member, Scientific Committee**
Italian Resuscitation Council (IRC)
- 2019 – 2020 **Internship, Pre-hospital Emergency Medical Services**
Centrale Operativa SUEM 118, Azienda ULSS 3 Serenissima, Venezia, Italy
- June 2018 – September 2018 **Internship, Emergency Department**
Emergency Department, Azienda ULSS 2 Marca Trevigiana, Treviso, Italy
- April 2016 – October 2017 **Internship, Emergency Department**
Emergency Department, Azienda ULSS 6 Euganea, Camposampiero (Padova), Italy

SKILLS

- Systematic Reviews, Pairwise and Network Meta-Analyses, Meta-Regressions, Trial Sequential Analysis
- Statistical analysis with R, STATA, RevMan, and Python
- Design of infographics and visual/graphical abstracts
- Management of social media accounts for medicine and scientific communication and live tweeting during conferences
- Knowledge of programming languages including C++, C#, Java, HTML, PHP, Python
- Development of apps (iOS, Android) and websites (also for research purposes)
- Data management with SQL
- Fluent in speaking and writing in English

AWARDS

- Top 40 Under 40 for Cardiac Arrest awarded by Citizen's CPR Foundation, USA on October, 27th 2021
- UniSR Talents – April 14, 2021 (<https://www.unisr.it/en/news/2021/4/talenti-unisr-tommaso-scquizzato>)
- Received in 2014 the title of *Alfiere della Repubblica Italiana* (Standard-bearer of the Italian Republic) from the President of the Republic for having developed a smartphone application to teach how to perform cardiopulmonary resuscitation in case of sudden cardiac arrest.
- 3rd Best abstract "Coronary angiography findings after out-of-hospital cardiac arrest: a systematic review and meta-analysis" Italian Resuscitation Council Congress - Rome 2022. October 14-15, 2022.
- 1st Best abstract "Caratteristiche e outcome degli arresti cardiaci extra-ospedalieri ricoverati durante la pandemia COVID-19 a Milano" Area Critica, December 2 – 3, 2021, Bologna
- 1st Best abstract "Therapeutic hypothermia in critical illness: a meta-analysis of randomised controlled trials" – ITACTA congress, February 28 – March 1, 2019, Bologna, Italy
- 1st prize in SMACCCBYTE Competition organized by SMACC Conference in Berlin, June 2017
- 2nd prize in SMACCCBYTE Competition organized by SMACC Conference in Dublin, June 2016

ACADEMIC ACTIVITY

Publications in peer-reviewed Journals

Number of publications: 49

Years: 2018-2022

H-index (Scopus): 7

Total Times Cited (Scopus): 368

1. Gamberini L, Scquizzato T, Mazzoli CA, Tartaglione M, Semeraro F. Reply to: Factors influencing prehospital physicians' decision to initiate advanced life support for asystolic out-of-hospital cardiac arrest patients: The need to define experience. *Resuscitation*. 2022 Oct;179:245-247. doi: 10.1016/j.resuscitation.2022.07.027.
2. Gazzato A, Scquizzato T, Imbriaco G, Negro A, Caballo Garrido MC, Landoni G, Zangrillo A, Borghi G. The Effect of Intensive Care Unit Diaries on Posttraumatic Stress Disorder, Anxiety, and Depression: A Systematic Review and Meta-analysis of Randomized Controlled Trials. *Dimens Crit Care Nurs*. 2022 Sep-Oct 01;41(5):256-263. doi: 10.1097/DCC.0000000000000539. PMID: 35905428.
3. Landoni G, Zangrillo A, Piersanti G, Scquizzato T, Piemonti L. The effect of reparixin on survival in patients at high risk for in-hospital mortality: a meta-analysis of randomized trials. *Front Immunol*. 2022;13. doi:10.3389/fimmu.2022.932251
4. Gamberini L, Mazzoli CA, Allegri D, Scquizzato T, Baroncini S, Guarnera M, Tartaglione M, Chiarini V, Picoco C, Semeraro F, Gordini G, Coniglio C. Factors influencing prehospital physicians' decisions to initiate advanced resuscitation for asystolic out-of-hospital cardiac arrest patients. *Resuscitation*. 2022 Aug;177:19-27. doi: 10.1016/j.resuscitation.2022.06.015. Epub 2022 Jun 26. PMID: 35760227.
5. Scquizzato T, Imbriaco G, Moro F, Losiggio R, Cabrini L, Consolo F, Landoni G, Zangrillo A. Non-invasive ventilation in the prehospital emergency setting: A systematic review and meta-analysis. *Prehosp Emerg Care*. 2022 Jun 12:1-14. doi: 10.1080/10903127.2022.2086331.
6. Imbriaco G, Masina J, Scquizzato T, Gamberini L, Semeraro F. Don't call it "massage"! The importance of words during dispatcher-assisted cardiopulmonary resuscitation. *Resuscitation*. 2022 Jun 8:S0300-9572(22)00174-5. doi: 10.1016/j.resuscitation.2022.06.004.
7. Scquizzato T, Gamberini L, Semeraro F. How technology can save lives in cardiac arrest. *Curr Opin Crit Care*. 2022 Jun 1;28(3):250-255. doi: 10.1097/MCC.0000000000000930.
8. Gazzato A, Scquizzato T, Franco A, Zangrillo A, Scandroglio AM. Walking on ECMO support: An analysis of videos shared on social media. *Intensive Crit Care Nurs*. 2022 May 18:103253. doi: 10.1016/j.iccn.2022.103253.
9. Scquizzato T, Bernard SA. Extracorporeal CPR: Now a standard of care? *Resusc Plus*. 2022 Apr 21;10:100235. doi: 10.1016/j.resplu.2022.100235.
10. Gamberini L, Tartivita CN, Guarnera M, Allegri D, Baroncini S, Scquizzato T, Tartaglione M, Alberto Mazzoli C, Chiarini V, Picoco C, Coniglio C, Semeraro F, Gordini G. External validation and insights about the calibration of the return of spontaneous circulation after cardiac arrest (RACA) score. *Resusc Plus*. 2022 Apr 1;10:100225. doi: 10.1016/j.resplu.2022.100225.

11. Scquizzato T, Gamberini L, Stella F, Paoli A, Gazzato A, Forti A, Semeraro F. Analysis of road traffic accidents involving standing electric scooters reported in newspapers in Italy. *Clin Exp Emerg Med*. 2022 Mar;9(1):36-40. doi: 10.15441/ceem.21.078.
12. Gamberini L, Scquizzato T, Semeraro F, Scapigliati A, Ristagno G, Cucino A; Italian Resuscitation Council Scientific Committee. Safety of face-to-face 2021 annual congress of the Italian Resuscitation Council during the fourth COVID-19 wave in Italy. *Resuscitation*. 2022 Mar 15;174:22-23. doi: 10.1016/j.resuscitation.2022.02.027.
13. Scquizzato T, Belloni O, Semeraro F, Greif R, Metelmann C, Landoni G, Zangrillo A. Dispatching citizens as first responders to out-of-hospital cardiac arrests: a systematic review and meta-analysis. *Eur J Emerg Med*. 2022 Mar 10. doi: 10.1097/MEJ.0000000000000915
14. Perkins GD, Bray J, Couper K, Morley P, Scquizzato T, Nolan JP. Resuscitation plus - Initial successes and future direction. *Resusc Plus*. 2022 Feb 17;9:100213. doi: 10.1016/j.resplu.2022.100213
15. Scquizzato T, Bonaccorso A, Consonni M, Scandroglio AM, Swol J, Landoni G, Zangrillo A. Extracorporeal cardiopulmonary resuscitation for out-of-hospital cardiac arrest: A systematic review and meta-analysis of randomized and propensity-matched studies. *Artif Organs*. 2022. doi: 10.1111/aor.14205
16. Scquizzato T, Landoni G, Ristagno G, Pruna A, Zangrillo A. Emergency calls as an early indicator of intensive care unit demand for COVID-19. *Eur J Emerg Med*. 2022. In Press
17. Scquizzato T, Belloni O, Semeraro F, Greif R, Metelmann C, Landoni G, Zangrillo A. Dispatching citizens as first responders to out-of-hospital cardiac arrests: A systematic review and meta-analysis. *Eur J Emerg Med*. 2022. In Press
18. Perkins GD, Bray J, Couper K, Morley P, Scquizzato T, Nolan JP. Resuscitation plus – Initial successes and future direction. *Resuscitation Plus*. 2022;9: 100213. doi:10.1016/j.resplu.2022.100213
19. Forti A, van Veelen MJ, Scquizzato T, Dal Cappello T, Palma M, Strapazzon G. Mechanical cardiopulmonary resuscitation in microgravity and hypergravity conditions: A manikin study during parabolic flight. *Am J Emerg Med*. 2021
20. D'Amico F, Marmiere M, Righetti B, Scquizzato T, Zangrillo A, Puglisi R, Landoni G. COVID-19 seasonality in temperate countries. *Environ Res*. 2021 doi: 10.1016/j.envres.2021.112614.
21. Scquizzato T, Young JP, Landoni G, Zaraca L, Zangrillo A. Randomised trials of temperature management in cardiac arrest: Are we observing the Zeno's paradox of the Tortoise and Achilles?. *Crit Care*. 2020 doi: 10.1186/s13054-021-03826-9
22. Scquizzato T, Semeraro F. No more unwitnessed out-of-hospital cardiac arrests in the future thanks to technology. *Resuscitation*. 2021
23. Imbriaco G, Gazzato A, Monesi A, Scquizzato T, Semeraro F. Evaluation of noise levels in COVID-19 and non-COVID-19 intensive care units in Italy. *Intensive Crit Care Nurs*. 2021 doi: 10.1016/j.iccn.2021.103167
24. Scquizzato T, Landoni G, Bordoni G, Zaraca L, Monti G, Zangrillo A. AED training with a 3D-printed model and a smartphone app. *Resuscitation*. 2021 doi: 10.1016/j.resuscitation.2021.09.026.
25. Scquizzato T, Landoni G, Scandroglio AM, Franco A, Calabrò MG, Paoli A, D'Amico F, Yavorovskiy A, Zangrillo A. Outcomes of out-of-hospital cardiac arrest in patients with SARS-

- CoV-2 infection: a systematic review and meta-analysis. *Eur J Emerg Med.* 2021 Oct 21. doi: 10.1097/MEJ.0000000000000878.
26. Metelmann C, Metelmann B, Herzberg L, Auricchio A, Baldi E, Benvenuti C, Burkart R, Fredman D, Krammel M, Müller MP, Scquizzato T, Stieglis R, Svensson L, Thies KC; European research collaboration on citizen first responders. More patients could benefit from dispatch of citizen first responders to cardiac arrests. *Resuscitation.* 2021 Sep 30;168:93-94. doi: 10.1016/j.resuscitation.2021.09.026.
 27. Scquizzato T, D'Amico F, Rocchi M, Saracino M, Stella F, Landoni G, Zangrillo A. Impact of COVID-19 Pandemic on Out-of-Hospital Cardiac Arrest System-of-Care: A Systematic Review and Meta-Analysis. *Prehosp Emerg Care.* 2021 Sep 14:1-12. doi: 10.1080/10903127.2021.1967535.
 28. Semeraro F, Corona G, Scquizzato T, Gamberini L, Valentini A, Tartaglione M, Scapigliati A, Ristagno G, Martella C, Descovich C, Picoco C, Gordini G. New Early Warning Score: EMS Off-Label Use in Out-of-Hospital Patients. *J Clin Med.* 2021 Jun 14;10(12):2617. doi: 10.3390/jcm10122617.
 29. Della-Torre E, Lanzillotta M, Campochiaro C, Cavalli G, De Luca G, Tomelleri A, Boffini N, De Lorenzo R, Ruggeri A, Rovere-Querini P, Castagna A, Landoni G, Tresoldi M, Ciceri F, Zangrillo A, Dagna L for the BIO-RAF Study Group (Collaborator: Scquizzato T). Respiratory Impairment Predicts Response to IL-1 and IL-6 Blockade in COVID-19 Patients With Severe Pneumonia and Hyper-Inflammation. *Front Immunol.* 2021 Apr 29;12:675678. doi: 10.3389/fimmu.2021.675678.
 30. Landoni G, Scquizzato T, Yavorovskiy A.G., Zangrillo A, Silvetti S. Elderly and Children Are Not The Only Victims of Foreign Body Airway Obstruction in Italy (A National Media-Based Survey). *Obshchaya Reanimatologiya = General Reanimatology.* 2021; doi: 10.15360/1813-9779-2021-1-4-15
 31. Scquizzato T, Gazzato A, Semeraro F, Landoni G, Ristagno G, Scapigliati A. Cardiac arrest reported in newspapers: A new, yet missed, opportunity to increase cardiopulmonary resuscitation awareness. *Resuscitation.* 2021 doi: 10.1016/j.resuscitation.2021.01.002
 32. Scquizzato T, Landoni G, Paoli A, Lembo R, Fominskiy E, Kuzovlev A, Likhvantsev V, Zangrillo A. Effects of COVID-19 pandemic on out-of-hospital cardiac arrests: A systematic review. *Resuscitation.* 2020 doi: 10.1016/j.resuscitation.2020.10.020
 33. Scquizzato T, Frontera A, Limite LR, Landoni G. Smartwatch-detected atrial fibrillation in the Emergency Department: possible implications and treatment. *J Cardiovasc Med (Hagerstown).* 2020 doi: 10.2459/JCM.0000000000001131
 34. Paoli A, Brischiari L, Scquizzato T, Favaretto A, Spagna A. Out-of-hospital cardiac arrest during the COVID-19 pandemic in the Province of Padua, Northeast Italy. *Resuscitation.* 2020 doi: 10.1016/j.resuscitation.2020.06.031
 35. Fominskiy EV, Scandroglio AM, Monti G, Calabrò MG, Landoni G, Dell'Acqua A, Beretta L, Moizo E, Ravizza A, Monaco F, Campochiaro C, Pieri M, Azzolini ML, Borghi G, Crivellari M, Conte C, Mattioli C, Silvani P, Mucci M, Turi S, Tentori S, Baiardo Redaelli M, Sartorelli M, Angelillo P, Belletti A, Nardelli P, Nisi FG, Valsecchi G, Barberio C, Ciceri F, Serpa Neto A, Dagna L, Bellomo R, Zangrillo A; COVID-BioB Study Group (Collaborator: Scquizzato T). Prevalence, Characteristics, Risk Factors, and Outcomes of Invasively Ventilated COVID-19 Patients with Acute Kidney Injury and Renal Replacement Therapy. *Blood Purif.* 2020 doi: 10.1159/000508657

36. Stella F, Alexopoulos C, Scquizzato T, Zorzi A. Impact of the COVID-19 outbreak on emergency medical system missions and emergency department visits in the Venice area. *Eur J Emerg Med*. 2020 doi: 10.1097/MEJ.0000000000000724
37. Scquizzato T, Pallanch O, Belletti A, Frontera A, Cabrini L, Zangrillo A, Landoni G. Enhancing citizens response to out-of-hospital cardiac arrest: A systematic review of mobile-phone systems to alert citizens as first responders. *Resuscitation*. 2020 doi: 10.1016/j.resuscitation.2020.05.006
38. Zangrillo A, Beretta L, Scandroglio AM, Monti G, Fominskiy E, Colombo S, Morselli F, Belletti A, Silvani P, Crivellari M, Monaco F, Azzolini ML, Reineke R, Nardelli P, Sartorelli M, Votta CD, Ruggeri A, Ciceri F, De Cobelli F, Tresoldi M, Dagna L, Rovere-Querini P, Serpa Neto A, Bellomo R, Landoni G; COVID-BioB Study Group (Collaborator: Scquizzato T). Characteristics, treatment, outcomes and cause of death of invasively ventilated patients with COVID-19 ARDS in Milan, Italy. *Crit Care Resusc*. 2020 PMID: 32900326.
39. Semeraro F, Scquizzato T, Scapigliati A, Ristagno G, Gamberini L, Tartaglione M, Dell'Arciprete O, Mora F, Cordenons F, Del Giudice D, Picoco C, Gordini G. New Early Warning Score: off-label approach for Covid-19 outbreak patient deterioration in the community. *Resuscitation*. 2020 doi: 10.1016/j.resuscitation.2020.04.018
40. Scquizzato T, Olasveengen TM, Ristagno G, Semeraro F. The other side of novel coronavirus outbreak: Fear of performing cardiopulmonary resuscitation. *Resuscitation*. 2020 doi: 10.1016/j.resuscitation.2020.03.019
41. Scquizzato T, Gazzato A, Landoni G, Zangrillo A. Assessment of noise levels in the intensive care unit using Apple Watch. *Crit Care*. 2020 doi: 10.1186/s13054-020-02852-3
42. Scquizzato T, Burkart R, Greif R, Monsieurs KG, Ristagno G, Scapigliati A, Semeraro F. Mobile phone systems to alert citizens as first responders and to locate automated external defibrillators: A European survey. *Resuscitation*. 2020 doi: 10.1016/j.resuscitation.2020.03.009.
43. Zangrillo A, Beretta L, Silvani P, Colombo S, Scandroglio AM, Dell'Acqua A, Fominskiy E, Landoni G, Monti G, Azzolini ML, Monaco F, Oriani A, Belletti A, Sartorelli M, Pallanch O, Saleh O, Sartini C, Nardelli P, Lombardi G, Morselli F, Scquizzato T, Frontera A, Ruggeri A, Scotti R, Assanelli A, Dagna L, Rovere-Querini P, Castagna A, Scarpellini P, Di Napoli D, Ambrosio A, Ciceri F, Tresoldi M. Fast reshaping of intensive care unit facilities in a large metropolitan hospital in Milan, Italy: facing the COVID-19 pandemic emergency. *Crit Care Resusc*. 2020 PMID: 32227819.
44. Landoni G, Morselli F, Silveti S, Frontera A, Zangrillo A; Collaborators (Scquizzato T). Pizza in adults and grape in children are the most frequent causes of foreign body airway obstruction in Italy. A national media-based survey. *Resuscitation*. 2020 doi: 10.1016/j.resuscitation.2020.02.016
45. Scquizzato T, Landoni G, Semeraro F, Zangrillo A. Smartphone software update could potentially affect the efficiency of lay first-responders networks in out-of-hospital cardiac arrests. *Resuscitation*. 2019 doi: 10.1016/j.resuscitation.2019.08.030
46. Scquizzato T, Gazzato A. Adopting a smart toothbrush with artificial intelligence may improve oral care in patients admitted to the intensive care unit. *Crit Care*. 2019 doi: 10.1186/s13054-019-2512-8
47. Scquizzato T, Landoni G, Carenzo L, Forti A, Zangrillo A. A smartphone application with augmented reality for estimating weight in critically ill paediatric patients. *Resuscitation*. 2020 doi: 10.1016/j.resuscitation.2019.03.033

48. Forti A, Falla M, Scquizzato T, Strapazzon G. A New Approach to Detect Nonconvulsive Seizures in Patients in a Cardiac Surgery Intensive Care Unit by Monitoring Heart Rate Variability. *J Cardiothorac Vasc Anesth*. 2019 doi: 10.1053/j.jvca.2019.02.030
49. Scquizzato T, Landoni G, Forti A. Food-riders may improve the chain of survival in out-of-hospital cardiac arrests by delivering CPR and AEDs. *Resuscitation*. 2019 doi: 10.1016/j.resuscitation.2018.11.017

Books and guidelines

1. Contributed to the chapters “Systems Saving Lives” and “Basic Life Support and AED” of European Resuscitation Council 2020 Guidelines for Resuscitation and Cardiac Arrest
2. Italian translation of the European Resuscitation Council Guidelines for Resuscitation during COVID-19 pandemic
3. Book chapter “Rianimazione cardiopolmonare” Landoni G, Scquizzato T, Monti G, Zangrillo A. Biondi Zoccai G, editor. *Malattie cardiovascolari. Approccio clinico e scientifico*. Torino: Edizioni Minerva Medica; 2021. ISBN: 978-88-5532-066-5
4. Contributed to book chapters in the book “Urgenze ed emergenze. Istituzioni” by Maurizio Chiaranda (Autore), Andrea Paoli (a cura di)

Invited presentations

Number of invited presentations: 22

1. Quando tutto questo non basta. 76° Congresso Nazionale SIAARTI – ICARE 2022, Milano 28-30 October 2022
2. Sudden cardiac arrest: are the outcomes improving? 35th Annual Congress ESICM LIVES, October 22-26, 2022, Paris
3. Cardiac arrest in COVID-19: lessons from the pandemic. 35th Annual Congress ESICM LIVES, October 22-26, 2022, Paris
4. The chain of survival in 2050. EuSEM Congress 2022 – Berlin, 15-19 October 2022.
5. Quanto tutto questo non basta: Extracorporeal CPR. IRC Congress 2022 – Rome, 14-15 October 2022.
6. No more unwitnessed cardiac arrests in the future. RESUSNL Conference. Rotterdam, 6-7 October 2022.
7. Social Media: Experiences, examples, frightening and possible consequences. HAI 2022 Congress of the German Society of Anesthesiology and Intensive Care – Berlin, September 14-17, 2022
8. Extracorporeal CPR: now a standard of care?. July 5, 2022. EMS Florida Webinar
9. Sharing Science (Infographics). European Resuscitation Congress. 16-17 June 2022, Antwerp, Belgium.
10. Going viral in 2022: presenting your findings with social media and infographics. 6th Collaborative Clinical Trials in Anaesthesia Meeting 7th to 10th June, 2022. Monash University Prato Centre.
11. Research gap. 2nd International consensus conference on Smartphone Alerting Systems (SAS), hosted by GRC and Region of Lifesavers, Freiburg, Germany. 2nd – 3rd May 2022
12. Arresto cardiaco extra-ospedaliero: cosa funziona, quando nulla funziona? March 17, 2022. Webinar RescuePress.
13. Extracorporeal CPR in refractory out-of-hospital cardiac arrest. Medical University Vienna - Monash University - University of Washington Joint Resuscitation Rounds. March 2, 2022. Online.

14. Technology for Basic Life Support. Italian Resuscitation Council Congress, December 16-18, 2021, Rimini Italy
15. Systems Saving Lives: The Italian Resuscitation Council proposal become an Italian law. Safer Malta, The Malta Chamber, October 27th 2021.
16. App to alert first responders to out-of-hospital cardiac arrest. Webinar “Le nuove Linee Guida della Rianimazione Cardiopolmonare 2020-25”. Italian Resuscitation Council, March 27th 2021
17. Impatto della pandemia COVID-19 sull’arresto cardiaco extra-ospedaliero. Aniarti Webinar, 25 feb. 21
18. Artificial Intelligence in Emergency Medicine. Congress of European Society of Emergency Medicine (EuSEM), Copenhagen, Denmark. 19-20 September 2020 (held online due to COVID-19 pandemic)
19. Surviving out-of-hospital cardiac arrest by chance or system? Congress of Italian Society of Emergency Medical Services, Catania, Italy – 2019
20. Infographics to communicate science for everyone. Congress of European Society of Emergency Medicine (EuSEM), Prague, Czech Republic – 2019
21. Surviving Out-Of-Hospital Cardiac Arrest by System, Not by Chance. Stryker Heartsafe Communities Symposium, London, UK – 2019
22. The medical simulation as seen by a medical student. Faculty Day of the Italian medical simulation competition, Novara, Italy – 2019

Conference proceedings

1. Scquizzato T, Sofia R, Gazzato A, Sudano A, Pruna A, Zaraca L, Belloni O, Rocchi M, Saracino M, Perego CS, Piersanti G, Zangrillo A. Coronary angiography findings after out-of-hospital cardiac arrest: a systematic review and meta-analysis. Italian Resuscitation Council Congress - Rome 2022. October 14-15, 2022.
2. Scquizzato T, Gazzato A, Cattaneo S, Masa A, Consonni M, Bonaccorso A, Carà G, Bonizzoni MA, Kotani Y, D’Amico F, Russo G, Righetti B, Zangrillo A. Complications in patients treated with extracorporeal cardiopulmonary resuscitation: a systematic review and meta-analysis. Italian Resuscitation Council Congress - Rome 2022. October 14-15, 2022.
3. Gazzato A, Scquizzato T, Franco A, Dormio S, Alborino E, Piazza P, Carà Gianmarco, Triulzi M, Tucci M, Zangrillo A. Walking ECMO: an analysis of videos shared on social media. Abstract, ITACTA, 3 – 4 Marzo 2022, Bologna
4. Scquizzato T, Bonaccorso A, Consonni M, Casuale V, Damiani C, Paoli N, D’Amico F, Carbone M, Criscimanna A, Pruna A, Zangrillo A. A systematic review and meta-analysis of extracorporeal cardiopulmonary resuscitation for refractory out-of-hospital cardiac arrest. Abstract, ITACTA, 3 – 4 Marzo 2022, Bologna
5. Scquizzato T, Gamberini L, D’Arrigo S, Galazzi A, Babini G, Losiggio R, Imbriaco G, Fumagalli F, Semeraro F, Scapigliati A, Ristagno G, Cucino A. Incidence, characteristics, and outcomes of out-of-hospital cardiac arrest in Italy: A systematic review and meta-analysis. Italian Resuscitation Council Congress - Rome 2022. October 14-15, 2022.
6. Scquizzato T, Giordano VF, Nava M, Fresilli S, Senarighi G, Tozzi M, De Donato F, Sordoni S, Ortalda A, Zangrillo A. Caratteristiche e outcome degli arresti cardiaci extra-ospedalieri ricoverati durante la pandemia COVID-19 a Milano. Area Critica, Bologna, Italy 2 – 3 Dicembre 2021.

7. Giordano VF, Scquizzato T, Bellantoni A, Scarparo E, Frassanito C, Sanchini D, Lembo R, Pasin L, Landoni G, Zangrillo A. A meta-analysis on the use of Anakinra in patients hospitalized with COVID-19. *Area Critica*, Bologna, Italy 2 – 3 Dicembre 2021.
8. Nani F, Scquizzato T, Fedrizzi M, Fresilli S, Tamà S, Tornaghi A, Giardina G, Pasin L, Landoni G, Zangrillo A. Corticosteroids increase mortality in COVID-19 patients with low disease severity: a meta-analysis of randomized clinical trials. *Area Critica*, Bologna, Italy 2 – 3 Dicembre 2021
9. Forti A, Van Veelen MJ, Scquizzato T, Dal Cappello T, Palma M, Strapazzon G. "Mechanical cardiopulmonary resuscitation in simulated microgravity and hypergravity conditions: a manikin study during parabolic flight". *eSMART* 2021.
10. Scquizzato T, Fresilli S, D'Amico F, Righetti B, Tozzi M, Sordoni S, De Donato F, Barberio C, Quaggiotti L, Casiraghi MG, Zangrillo A. "The impact of COVID-19 pandemic on out-of-hospital cardiac arrests: a systematic review and meta-analysis". *eSMART* 2021.
11. Scquizzato T, Sordoni S, Lombardi G, Alba AC, Frassanito C, Sartorelli M, Marzaroli M, Palermo P, Bonizzoni MA, Righetti B, Zangrillo A. "Characteristics and outcomes of patients with SARS-CoV-2 infection and out-of-hospital cardiac arrest: a systematic review and meta-analysis". *eSMART* 2021.
12. Scquizzato T, Santamaria MI, Nava M, Fresilli S, Senarighi G, Lombardi G, Filippini M, Pallanch O, Nardelli P, Dalessandro G. OHCA and COVID-19 pandemic: a systematic review and meta-analysis. *Area Critica*, Bologna, Italy 2 – 3 Dicembre 2021
13. Gazzato A, Scquizzato T, Consonni M, Galbiati C, Nakhnoukh C, Cuffaro R, Morselli F, Frassanito C, Migliaro A, Zangrillo A. "The effect of diaries on post-intensive care unit syndrome: a systematic review and meta-analysis of randomized controlled trials". *eSMART* 2021.
14. Scquizzato T, Gamberini L, Stella F, Velati M, Paoli A, Gazzato A, Nisi F, Guidi L, Forti A, Semeraro F. "Analysis of road traffic accidents involving standing electric scooters as reported in newspapers in Italy". *eSMART* 2021.
15. Scquizzato T, Fresilli S, D'amico F, Righetti B, Tozzi M, Sordoni S, De Donato F, Barberio C, Quaggiotti L, Casiraghi MG, Zangrillo A. The impact of COVID-19 pandemic on out-of-hospital cardiac arrests: a systematic review and meta-analysis. *e-SMART* 2021, May 24-28
16. Scquizzato T, Sordoni S, Lombardi G, Alba AC, Frassanito C, Sartorelli M, Marzaroli M, Palermo P, Bonizzoni MA, Righetti B, Zangrillo A. Characteristics and outcomes of patients with SARS-CoV-2 infection and out-of-hospital cardiac arrest: a systematic review and meta-analysis. P12, *e-SMART* 2021, May 24-28
17. Monti G, Scquizzato T, Colombo M, Giardina G, Lembo R, Cabrini L, Ranieri P, Galbiati C, Landoni G, Zangrillo A. Improving communication with intubated patients in the intensive care unit – CIAO: Comunicare In Autonomia Ora. OSR Scientific Retreat 2020, March 12 – 14, 2020, Baveno
18. Saleh O, Scquizzato T, Ferrara B, De Donato F, Gazzato A, Landoni G. Il gelicidio del 2017 a Milano: impatto sui servizi di ambulanza e sui pronto soccorso. Abstract accepted at XVII Congresso Nazionale SIS118 28-30 novembre 2019 – Catania.
19. Gazzato A, Scquizzato T. Emergency department nurses can safely remove cervical collars in low-risk adult trauma patients: a systematic review of literature. Abstract accepted at European Society of Emergency Medicine Congress 2019 in Prague.
20. Scquizzato T, Saleh O, La Bruna A, Mendoza Vasquez LE, Hyun KJ, Turi S, Dorotei A, Ponzetta G, Giardina G, Zangrillo A, Landoni G. The 2017 freezing rain in Milan: impact on the regional

- ambulance services and emergency departments. Abstract accepted at European Society of Emergency Medicine Congress 2019 in Prague.
21. Monti G, Pasculli N, Nuzzi M, Ruggeri L, Scquizzato T, Dalessandro G, De Domenico P, Lerose CC, Carta S. High doses proton pump inhibitors in sepsis: design of a randomized trial with in vitro experiments to search specific hallmarks in monocytes from septic patients and to characterize the mechanism of action of PPI. Abstract accepted at European Society of Emergency Medicine Congress 2019 in Prague.
 22. Cabrini L, Monti G, Tozzi M, Scquizzato T, Lembo R, Ranieri P, Foppoli L, Landoni G, Zangrillo A. Migliorare la comunicazione dei pazienti intubati in terapia intensiva. CIAO: comunicare in autonomia ora. Abstract accepted at 30° SMART Meeting, 8-10 May 2019.
 23. Scquizzato T, Landoni G, Careno L, Forti A, Gazzato A, La Bruna A, De Domenico P, Tozzi M, Zangrillo A. A smartphone application with augmented reality for estimating weight in critically ill paediatric patients. Abstract accepted at 30° SMART Meeting, 8-10 May 2019.
 24. Scquizzato T, D'Apuzzo C, Gazzato A, Antonini MV, Paganini M, Rugna M, Sfuncia G, Della Vella C. Social media use by Italian Emergency Medicine and Critical Care physicians and nurses: a national survey. Abstract accepted at 30° SMART Meeting, 8-10 May 2019.
 25. Landoni G, De Domenico P, Sartorelli M, Noè B, Barucco G, Mattioli C, Baiardo RM, Scquizzato T, Lerose C, Belletti A, Monaco F, Zangrillo A. The role of Esmolol before and during cardioplegia in improving postoperative outcomes after cardiac surgery. Abstract accepted at OSR Scientific Retreat, March 2019.
 26. Nagy A, Jun Hyun K, Belletti A, Baiardo RM, Scquizzato T, Giardina G, Dalessandro G, Noe B, Corrao F, Formicola L, Lombardi G, Camarda V, Castella A, Filippini M, Putzu A, Zangrillo A. Therapeutic Hypothermia In Critical Illness: A Meta-Analysis Of Randomised Controlled Trial. Best abstract accepted at ITACTA 2019 Congress
 27. Scquizzato T, Vanzetto M, Marinaro G. Caratteristiche, trattamento e sopravvivenza dei pazienti colpiti da arresto cardiaco extra-ospedaliero nell'Alta Padovana. Abstract accepted at XVI Congresso Nazionale SIS 118, Padova 27-29 settembre 2018.
 28. Scquizzato T. Cardiac arrest detection through artificial intelligence-based surveillance camera: A working prototype. Resuscitation 2018;130. Abstract accepted at European Resuscitation Council Congress 2018 in Bologna, Italy. doi: <https://doi.org/10.1016/j.resuscitation.2018.07.239>.
 29. Scquizzato T, Vanzetto M, Marinaro G, on behalf of Alta Padovana OHCA registry collaborators. Epidemiology and outcomes from out-of-hospital cardiac arrest in Alta Padovana. Poster session presented at: XI SIMEU Congress; 2018 Sep 24-26; Milano, Italy. <https://doi.org/10.13140/RG.2.2.26741.88802>
 30. A smartphone application with augmented reality for estimating weight in critically ill paediatric patients. 30° SMART Meeting, Milan, Italy – 2019
 31. Social media use by Italian Emergency Medicine and Critical Care physicians and nurses: a national survey. 30° SMART Meeting, Milan, Italy – 2019

Editorial activity

- Member of the Editorial Board of Resuscitation journal with the role of Social Media Editor (November 2021-present)
- Member of the Editorial Board of Resuscitation Plus journal with the role of Social Media Editor (January 2022-present)

- Member of the Editorial Board of RescuePress (<https://academy.rescue.press/rescue-press-journal/>) (2021-present)
- Member of the Editorial Board of SimZine (<https://simzine.it/chi-siamo/>) (2021-present)
- Reviewer for Journal of Cardiothoracic and Vascular Anesthesia, Resuscitation Plus, BMC Anesthesiology, BMJ Open, Clinical Case Reports, BMC Emergency Medicine, Journal of Clinical Medicine, Journal of Medical Internet Research, Open Access Emergency Medicine, Clinical and Experimental Emergency Medicine.
- Number of Reviews: 24 (review to publication ratio: 0.5/1)

Teaching activity

- Lectures for Anesthesia and Intensive Care course, Degree Course in Dentistry and Dental Implantology, Vita-Salute San Raffaele University, Milan, Italy
- Lectures for the elective course “Mortality Reduction in Critically Ill Patients” (Degree Course in Medicine and Surgery), Vita-Salute San Raffaele University, Milan, Italy
- Instructor for Italian Red Cross, lectures during the training course for emergency medical technician

Professional societies

- Member of European Resuscitation Council (ERC) from 2020 to present
- Member of Extracorporeal Life Support Organization (ELSO) from 2022 to present
- Member of Italian Association of Cardiothoracic Anesthesiologists (ITACTA) from 2021 to present
- Member of European Society of Emergency Medicine (EuSEM) from 2022 to present
- Member of Italian Red Cross (CRI) from 2013 to present