

# Fabio Silvio Taccone

## List of Publications by Year in Descending Order

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

251  
papers

6,868  
citations

46  
h-index

76  
g-index

291  
ext. papers

9,500  
ext. citations

6.5  
avg, IF

6.33  
L-index

#	Paper	IF	Citations
251	Effects of positive end-expiratory pressure on lung ultrasound patterns and their correlation with intracranial pressure in mechanically ventilated brain injured patients.. <i>Critical Care</i> , <b>2022</b> , 26, 31	10.8	0
250	A comprehensive neuromonitoring approach in a large animal model of cardiac arrest.. <i>Animal Models and Experimental Medicine</i> , <b>2022</b> , 5, 56-60	4.2	0
249	Early neurological pupil index to predict outcome after cardiac arrest.. <i>Intensive Care Medicine</i> , <b>2022</b> , 48, 496	14.5	0
248	Detection of cerebral hypoperfusion with a dynamic hyperoxia test using brain oxygenation pressure monitoring.. <i>Critical Care</i> , <b>2022</b> , 26, 35	10.8	1
247	Extracorporeal cardiopulmonary resuscitation for refractory in-hospital cardiac arrest: A retrospective cohort study.. <i>International Journal of Cardiology</i> , <b>2022</b> ,	3.2	1
246	A year in review in Minerva Anestesiologica 2021. Critical care.. <i>Minerva Anestesiologica</i> , <b>2022</b> , 88, 89-100.	9	0
245	Prognostic role of automatic pupillometry in sepsis: a retrospective study.. <i>Minerva Anestesiologica</i> , <b>2022</b> ,	1.9	1
244	Ventilation management and outcomes in out-of-hospital cardiac arrest: a protocol for a preplanned secondary analysis of the TTM2 trial.. <i>BMJ Open</i> , <b>2022</b> , 12, e058001	3	0
243	Prediction of good neurological outcome in comatose survivors of cardiac arrest: a systematic review.. <i>Intensive Care Medicine</i> , <b>2022</b> , 48, 389	14.5	0
242	Cerebral Autoregulation Indices Are Not Interchangeable in Patients With Sepsis.. <i>Frontiers in Neurology</i> , <b>2022</b> , 13, 760293	4.1	1
241	Angiotensin-(1-7) as a Potential Therapeutic Strategy for Delayed Cerebral Ischemia in Subarachnoid Hemorrhage.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 841692	8.4	2
240	Phosphatase alkaline levels are not associated with poor outcomes in subarachnoid hemorrhage patients.. <i>Clinical Neurology and Neurosurgery</i> , <b>2022</b> , 215, 107185	2	0
239	Clinical characteristics, risk factors and outcomes in patients with severe COVID-19 registered in the International Severe Acute Respiratory and Emerging Infection Consortium WHO clinical characterisation protocol: a prospective, multinational, multicentre, observational study.. <i>ERJ Open Research</i> , <b>2022</b> , 8,	3.5	8
238	Non-Invasive Multimodal Neuromonitoring in Non-Critically Ill Hospitalized Adult Patients With COVID-19: A Systematic Review and Meta-Analysis.. <i>Frontiers in Neurology</i> , <b>2022</b> , 13, 814405	4.1	0
237	Transcranial Doppler as a screening test to exclude intracranial hypertension in brain-injured patients: the IMPRESSIT-2 prospective multicenter international study.. <i>Critical Care</i> , <b>2022</b> , 26, 110	10.8	0
236	The acute phase management of spinal cord injury affecting polytrauma patients: the ASAP study.. <i>World Journal of Emergency Surgery</i> , <b>2022</b> , 17, 20	9.2	1
235	Neurological Pupil Index for the Early Prediction of Outcome in Severe Acute Brain Injury Patients. <i>Brain Sciences</i> , <b>2022</b> , 12, 609	3.4	1

234	Basic ultrasound head-to-toe skills for intensivists in the general and neuro intensive care unit population: consensus and expert recommendations of the European Society of Intensive Care Medicine. <i>Intensive Care Medicine</i> , <b>2021</b> , 47, 1347-1367	14.5	10
233	Hyperammonemia during treatment with valproate in critically ill patients.. <i>Clinical Neurology and Neurosurgery</i> , <b>2021</b> , 212, 107092	2	
232	Carbon Dioxide Elimination During Veno-Venous Extracorporeal Membrane Oxygenation Weaning: A Pilot Study. <i>ASAIO Journal</i> , <b>2021</b> , 67, 700-708	3.6	2
231	Predictors of poor outcome after extra-corporeal membrane oxygenation for refractory cardiac arrest (ECPR): A post hoc analysis of a multicenter database. <i>Resuscitation</i> , <b>2021</b> , 170, 71-78	4	1
230	Cerebral and systemic hemodynamic effect of recurring seizures. <i>Scientific Reports</i> , <b>2021</b> , 11, 22209	4.9	1
229	Cerebral autoregulation in anoxic brain injury patients treated with targeted temperature management. <i>Journal of Intensive Care</i> , <b>2021</b> , 9, 67	7	1
228	Safety of Early Tracheostomy Performed by Intensivists in Acute Brain-injured Patients: A 1-Year Observational Study. <i>Journal of Neurosurgical Anesthesiology</i> , <b>2021</b> , 33, 365-366	3	
227	Extracorporeal life support in COVID-19-related acute respiratory distress syndrome: A EuroELSO international survey. <i>Artificial Organs</i> , <b>2021</b> , 45, 495-505	2.6	9
226	Neurological complications during veno-venous extracorporeal membrane oxygenation: Does the configuration matter? A retrospective analysis of the ELSO database. <i>Critical Care</i> , <b>2021</b> , 25, 107	10.8	5
225	Organizational characteristics: Effect on outcome of ICU COVID-19 patients in Belgium - AuthorsS reply. <i>Lancet Regional Health - Europe, The</i> , <b>2021</b> , 3, 100070		1
224	The use of automated pupillometry in critically ill cirrhotic patients with hepatic encephalopathy. <i>Journal of Critical Care</i> , <b>2021</b> , 62, 176-182	4	1
223	Brain ultrasonography to assess midline shift in neurocritical patients: good, but not good enough. <i>Minerva Anestesiologica</i> , <b>2021</b> , 87, 400-402	1.9	0
222	Time course of outcome in poor grade subarachnoid hemorrhage patients: a longitudinal retrospective study. <i>BMC Neurology</i> , <b>2021</b> , 21, 196	3.1	3
221	Falsely predictive EEG and clinical signs after post-anoxic brain injury under sevoflurane anesthesia. <i>Clinical Neurophysiology</i> , <b>2021</b> , 132, 1080-1082	4.3	1
220	Impact of therapeutic hypothermia during cardiopulmonary resuscitation on neurologic outcome: A systematic review and meta-analysis. <i>Resuscitation</i> , <b>2021</b> , 162, 365-371	4	3
219	The role of noninvasive brain oximetry in adult critically ill patients without primary non-anoxic brain injury. <i>Minerva Anestesiologica</i> , <b>2021</b> , 87, 1226-1238	1.9	3
218	Association of anemia and transfusions with outcome after subarachnoid hemorrhage. <i>Clinical Neurology and Neurosurgery</i> , <b>2021</b> , 206, 106676	2	0
217	Intracranial pressure monitoring in patients with acute brain injury in the intensive care unit (SYNAPSE-ICU): an international, prospective observational cohort study. <i>Lancet Neurology, The</i> , <b>2021</b> , 20, 548-558	24.1	24

216	Six-Month Pulmonary Function After Venovenous Extracorporeal Membrane Oxygenation for Coronavirus Disease 2019 Patients <b>2021</b> , 3, e0494		2
215	Understanding the "extracorporeal membrane oxygenation gap" in veno-arterial configuration for adult patients: Timing and causes of death. <i>Artificial Organs</i> , <b>2021</b> , 45, 1155-1167	2.6	2
214	Correlation Between Electroencephalography and Automated Pupillometry in Critically Ill Patients: A Pilot Study. <i>Journal of Neurosurgical Anesthesiology</i> , <b>2021</b> , 33, 161-166	3	4
213	The Effect of Renal Replacement Therapy and Antibiotic Dose on Antibiotic Concentrations in Critically Ill Patients: Data From the Multinational Sampling Antibiotics in Renal Replacement Therapy Study. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 72, 1369-1378	11.6	37
212	Severe or critical hypotension during post cardiac arrest care is associated with factors available on admission - a post hoc analysis of the TTH48 trial. <i>Journal of Critical Care</i> , <b>2021</b> , 61, 186-190	4	1
211	Variability in Serum Sodium Concentration and Prognostic Significance in Severe Traumatic Brain Injury: A Multicenter Observational Study. <i>Neurocritical Care</i> , <b>2021</b> , 34, 899-907	3.3	2
210	Acute Distress Respiratory Syndrome After Subarachnoid Hemorrhage: Incidence and Impact on the Outcome in a Large Multicenter, Retrospective Cohort. <i>Neurocritical Care</i> , <b>2021</b> , 34, 1000-1008	3.3	3
209	Veno-arterial CO difference and respiratory quotient after cardiac arrest: An observational cohort study. <i>Journal of Critical Care</i> , <b>2021</b> , 62, 131-137	4	1
208	Does electroencephalographic burst suppression still play a role in the perioperative setting?. <i>Baillieres Best Practice and Research in Clinical Anaesthesiology</i> , <b>2021</b> , 35, 159-169	4	2
207	Cytotoxic lesions of the corpus callosum (CLOCCs) associated with SARS-CoV-2 infection. <i>Journal of Neurology</i> , <b>2021</b> , 268, 1592-1594	5.5	16
206	Early Findings after Implementation of Veno-Arteriovenous ECMO: A Multicenter European Experience. <i>Membranes</i> , <b>2021</b> , 11,	3.8	2
205	Evaluation of Nociception Using Quantitative Pupillometry and Skin Conductance in Critically Ill Unconscious Patients: A Pilot Study. <i>Brain Sciences</i> , <b>2021</b> , 11,	3.4	2
204	Validation of Prognostic Scores in Extracorporeal Life Support: A Multi-Centric Retrospective Study. <i>Membranes</i> , <b>2021</b> , 11,	3.8	6
203	Which Target Temperature for Post-Anoxic Brain Injury? A Systematic Review from "Real Life" Studies. <i>Brain Sciences</i> , <b>2021</b> , 11,	3.4	4
202	Platelet morphological indices on Intensive Care Unit admission predict mortality in septic but not in non-septic patients. <i>Minerva Anestesiologica</i> , <b>2021</b> , 87, 184-192	1.9	3
201	A year in review in Minerva Anestesiologica 2020: critical care. <i>Minerva Anestesiologica</i> , <b>2021</b> , 87, 124-133.9		
200	Outcome Prediction in Patients with Severe COVID-19 Requiring Extracorporeal Membrane Oxygenation-A Retrospective International Multicenter Study. <i>Membranes</i> , <b>2021</b> , 11,	3.8	8
199	Survival after extracorporeal membrane oxygenation in severe COVID-19 ARDS: results from an international multicenter registry. <i>Critical Care</i> , <b>2021</b> , 25, 90	10.8	7

198	Long-Term Outcome After Venoarterial Extracorporeal Membrane Oxygenation as Bridge to Left Ventricular Assist Device Preceding Heart Transplantation. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2021</b> ,	2.1	1
197	Factors Associated With Rebound Hyperthermia After Targeted Temperature Management in Out-of-Hospital Cardiac Arrest Patients: An Explorative Substudy of the Time-Differentiated Therapeutic Hypothermia in Out-of-Hospital Cardiac Arrest Survivors Trial <b>2021</b> , 3, e0458		1
196	Multimodal Approach to Predict Neurological Outcome after Cardiac Arrest: A Single-Center Experience. <i>Brain Sciences</i> , <b>2021</b> , 11,	3.4	2
195	Targeted temperature management and cardiac arrest after the TTM-2 study. <i>Critical Care</i> , <b>2021</b> , 25, 275	10.8	4
194	Quality of targeted temperature management and outcome of out-of-hospital cardiac arrest patients: A post hoc analysis of the TTH48 study. <i>Resuscitation</i> , <b>2021</b> , 165, 85-92	4	2
193	Brain tissue oxygenation guided therapy and outcome in non-traumatic subarachnoid hemorrhage. <i>Scientific Reports</i> , <b>2021</b> , 11, 16235	4.9	3
192	Tier-three therapies for refractory intracranial hypertension in adult head trauma. <i>Minerva Anestesiologica</i> , <b>2021</b> , 87, 1359-1366	1.9	3
191	Association of cerebrospinal fluid protein biomarkers with outcomes in patients with traumatic and non-traumatic acute brain injury: systematic review of the literature. <i>Critical Care</i> , <b>2021</b> , 25, 278	10.8	4
190	International survey of neuromonitoring and neurodevelopmental outcome in children and adults supported on extracorporeal membrane oxygenation in Europe. <i>Perfusion (United Kingdom)</i> , <b>2021</b> , 2676591211042563	1.9	1
189	Extracorporeal cardiopulmonary resuscitation in adults: evidence and implications. <i>Intensive Care Medicine</i> , <b>2021</b> , 1	14.5	11
188	Changes in central venous-to-arterial carbon dioxide tension induced by fluid bolus in critically ill patients. <i>PLoS ONE</i> , <b>2021</b> , 16, e0257314	3.7	0
187	Mechanical Power during Veno-Venous Extracorporeal Membrane Oxygenation Initiation: A Pilot-Study. <i>Membranes</i> , <b>2021</b> , 11,	3.8	2
186	Letter by Halenarova and Taccone Regarding Article "Impact of Goal-Directed Therapy on Delayed Ischemia After Aneurysmal Subarachnoid Hemorrhage: Randomized Controlled Trial". <i>Stroke</i> , <b>2021</b> , 52, e19-e20	6.7	
185	The effect of the volemic and cardiac status on brain oxygenation in patients with subarachnoid hemorrhage: a bi-center cohort study.. <i>Annals of Intensive Care</i> , <b>2021</b> , 11, 176	8.9	1
184	Mechanical ventilation in patients with acute brain injury: recommendations of the European Society of Intensive Care Medicine consensus. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 2397-2410	14.5	41
183	Targeted hypothermia versus targeted normothermia after out-of-hospital cardiac arrest: a statistical analysis plan. <i>Trials</i> , <b>2020</b> , 21, 831	2.8	2
182	Hyperosmolar therapy for acute brain injury: study protocol for an umbrella review of meta-analyses and an evidence mapping. <i>BMJ Open</i> , <b>2020</b> , 10, e033913	3	3
181	Pressure and flow properties of dual-lumen cannulae for extracorporeal membrane oxygenation. <i>Perfusion (United Kingdom)</i> , <b>2020</b> , 35, 736-744	1.9	0

180	Time to intra-arrest therapeutic hypothermia in out-of-hospital cardiac arrest patients and its association with neurologic outcome: a propensity matched sub-analysis of the PRINCESS trial. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 1361-1370	14.5	8
179	Oxygen and carbon dioxide levels in patients after cardiac arrest. <i>Resuscitation</i> , <b>2020</b> , 150, 1-7	4	6
178	Protocol for outcome reporting and follow-up in the Targeted Hypothermia versus Targeted Normothermia after Out-of-Hospital Cardiac Arrest trial (TTM2). <i>Resuscitation</i> , <b>2020</b> , 150, 104-112	4	7
177	Low hemoglobin and venous saturation levels are associated with poor neurological outcomes after cardiac arrest. <i>Resuscitation</i> , <b>2020</b> , 153, 202-208	4	1
176	Multimodal non-invasive assessment of intracranial hypertension: an observational study. <i>Critical Care</i> , <b>2020</b> , 24, 379	10.8	20
175	The influence of prolonged temperature management on acute kidney injury after out-of-hospital cardiac arrest: A post hoc analysis of the TTH48 trial. <i>Resuscitation</i> , <b>2020</b> , 151, 10-17	4	4
174	Extracorporeal membrane oxygenation for refractory cardiac arrest: a retrospective multicenter study. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 973-982	14.5	35
173	A management algorithm for adult patients with both brain oxygen and intracranial pressure monitoring: the Seattle International Severe Traumatic Brain Injury Consensus Conference (SIBICC). <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 919-929	14.5	74
172	Understanding pathways to death in patients with COVID-19. <i>Lancet Respiratory Medicine</i> , <b>2020</b> , 8, 430-432	35.1	150
171	Cerebral autoregulation and neurovascular coupling are progressively impaired during septic shock: an experimental study. <i>Intensive Care Medicine Experimental</i> , <b>2020</b> , 8, 44	3.7	9
170	Safety of bedside surgical tracheostomy during COVID-19 pandemic: A retrospective observational study. <i>PLoS ONE</i> , <b>2020</b> , 15, e0240014	3.7	12
169	Interleukine-6 in critically ill COVID-19 patients: A retrospective analysis. <i>PLoS ONE</i> , <b>2020</b> , 15, e0244628	3.7	22
168	Evaluation of arterial stiffness in cardiac surgical patients using applanation tonometry. <i>Annals of Cardiac Anaesthesia</i> , <b>2020</b> , 23, 302-308	1.3	
167	A practical approach to the use of targeted temperature management after cardiac arrest. <i>Minerva Anestesiologica</i> , <b>2020</b> , 86, 1103-1110	1.9	2
166	A year in review in Minerva Anestesiologica 2019. Critical care. <i>Minerva Anestesiologica</i> , <b>2020</b> , 86, 102-113	3.9	
165	The impact of intra-arrest hypothermia. <i>Current Opinion in Critical Care</i> , <b>2020</b> , 26, 236-241	3.5	1
164	Comparison of estimation of cardiac output using an uncalibrated pulse contour method and echocardiography during veno-venous extracorporeal membrane oxygenation. <i>Perfusion (United Kingdom)</i> , <b>2020</b> , 35, 397-401	1.9	1
163	Hypothermic to ischemic ratio and mortality in post-cardiac arrest patients. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2020</b> , 64, 546-555	1.9	1

162	Systematic review and meta-analysis of intravascular temperature management vs. surface cooling in comatose patients resuscitated from cardiac arrest. <i>Resuscitation</i> , <b>2020</b> , 146, 82-95	4	20
161	High Quality Targeted Temperature Management (TTM) After Cardiac Arrest. <i>Critical Care</i> , <b>2020</b> , 24, 6	10.8	30
160	Comparison of 2 Automated Pupillometry Devices in Critically Ill Patients. <i>Journal of Neurosurgical Anesthesiology</i> , <b>2020</b> , 32, 323-329	3	4
159	Systematic Review and Meta-Analysis of Effects of Transfusion on Hemodynamic and Oxygenation Variables. <i>Critical Care Medicine</i> , <b>2020</b> , 48, 241-248	1.4	6
158	Individualized antibiotic therapy in the treatment of severe infections. <i>Expert Review of Anti-Infective Therapy</i> , <b>2020</b> , 18, 27-35	5.5	5
157	Glucose and Lactate Concentrations in Cerebrospinal Fluid After Traumatic Brain Injury. <i>Journal of Neurosurgical Anesthesiology</i> , <b>2020</b> , 32, 162-169	3	9
156	Cerebrospinal Fluid Glucose and Lactate Levels After Subarachnoid Hemorrhage: A Multicenter Retrospective Study. <i>Journal of Neurosurgical Anesthesiology</i> , <b>2020</b> , 32, 170-176	3	4
155	The Impact of Extracerebral Infection After Subarachnoid Hemorrhage: A Single-Center Cohort Study. <i>World Neurosurgery</i> , <b>2020</b> , 144, e883-e897	2.1	5
154	The Association Between Peri-Hemorrhagic Metabolites and Cerebral Hemodynamics in Comatose Patients With Spontaneous Intracerebral Hemorrhage: An International Multicenter Pilot Study Analysis. <i>Frontiers in Neurology</i> , <b>2020</b> , 11, 568536	4.1	
153	Unspecific post-mortem findings despite multiorgan viral spread in COVID-19 patients. <i>Critical Care</i> , <b>2020</b> , 24, 495	10.8	145
152	Electroencephalographic features in patients undergoing extracorporeal membrane oxygenation. <i>Critical Care</i> , <b>2020</b> , 24, 629	10.8	6
151	Antihistamines-refractory chronic pruritus in psoriatic patients undergoing biologics: aprepitant vs antihistamine double dosage, a real-world data. <i>Journal of Dermatological Treatment</i> , <b>2020</b> , 1-4	2.8	4
150	Prediction of poor neurological outcome in comatose survivors of cardiac arrest: a systematic review. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 1803-1851	14.5	55
149	Impaired platelet reactivity in patients with septic shock: a proof-of-concept study. <i>Platelets</i> , <b>2020</b> , 31, 652-660	3.6	5
148	IBD: Role of intestinal compartments in the mucosal immune response. <i>Immunobiology</i> , <b>2020</b> , 225, 1518-1524	4.1	9
147	Things we would never do regarding end-of-life care in the ICU. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 145-146	14.5	2
146	Fake news on euthanasia and organ donation. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 564-565	14.5	1
145	Early Osmotherapy in Severe Traumatic Brain Injury: An International Multicenter Study. <i>Journal of Neurotrauma</i> , <b>2020</b> , 37, 178-184	5.4	8



144	Brain Ultrasonography Consensus on Skill Recommendations and Competence Levels Within the Critical Care Setting. <i>Neurocritical Care</i> , <b>2020</b> , 32, 502-511	3.3	9
143	Hydroxychloroquine in the management of critically ill patients with COVID-19: the need for an evidence base. <i>Lancet Respiratory Medicine</i> , <b>2020</b> , 8, 539-541	35.1	82
142	VENTILatOry strategies in patients with severe traumatic brain injury: the VENTILO Survey of the European Society of Intensive Care Medicine (ESICM). <i>Critical Care</i> , <b>2020</b> , 24, 158	10.8	21
141	Using arterial-venous oxygen difference to guide red blood cell transfusion strategy. <i>Critical Care</i> , <b>2020</b> , 24, 160	10.8	4
140	Hyperventilation in Adult TBI Patients: How to Approach It?. <i>Frontiers in Neurology</i> , <b>2020</b> , 11, 580859	4.1	6
139	Safety of bedside surgical tracheostomy during COVID-19 pandemic: A retrospective observational study <b>2020</b> , 15, e0240014		
138	Safety of bedside surgical tracheostomy during COVID-19 pandemic: A retrospective observational study <b>2020</b> , 15, e0240014		
137	Safety of bedside surgical tracheostomy during COVID-19 pandemic: A retrospective observational study <b>2020</b> , 15, e0240014		
136	Safety of bedside surgical tracheostomy during COVID-19 pandemic: A retrospective observational study <b>2020</b> , 15, e0240014		
135	A management algorithm for patients with intracranial pressure monitoring: the Seattle International Severe Traumatic Brain Injury Consensus Conference (SIBICC). <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 1783-1794	14.5	124
134	Effect of different methods of cooling for targeted temperature management on outcome after cardiac arrest: a systematic review and meta-analysis. <i>Critical Care</i> , <b>2019</b> , 23, 285	10.8	21
133	Estimation of central arterial pressure from the radial artery in patients undergoing invasive neuroradiological procedures. <i>BMC Anesthesiology</i> , <b>2019</b> , 19, 173	2.4	5
132	Comparison of extracorporeal and conventional cardiopulmonary resuscitation: a retrospective propensity score matched study. <i>Critical Care</i> , <b>2019</b> , 23, 27	10.8	39
131	A Survey on Fever Monitoring and Management in Patients With Acute Brain Injury: The SUMMA Study. <i>Journal of Neurosurgical Anesthesiology</i> , <b>2019</b> , 31, 399-405	3	9
130	Effect of Trans-Nasal Evaporative Intra-arrest Cooling on Functional Neurologic Outcome in Out-of-Hospital Cardiac Arrest: The PRINCESS Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2019</b> , 321, 1677-1685	27.4	56
129	Angiotensin II in ECMO patients: a word of caution. <i>Critical Care</i> , <b>2019</b> , 23, 144	10.8	1
128	Transfusion requirements after head trauma: a randomized feasibility controlled trial. <i>Critical Care</i> , <b>2019</b> , 23, 89	10.8	24
127	Angiotensin-converting enzymes in acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 1159-1160	14.5	11



126	Relationship between Microcirculatory Perfusion and Arterial Elastance: A Pilot Study. <i>Critical Care Research and Practice</i> , <b>2019</b> , 2019, 3256313	1.5	3
125	Death after awakening from post-anoxic coma: the "Best CPC" project. <i>Critical Care</i> , <b>2019</b> , 23, 107	10.8	22
124	The ELSO Maastricht Treaty for ECLS Nomenclature: abbreviations for cannulation configuration in extracorporeal life support - a position paper of the Extracorporeal Life Support Organization. <i>Critical Care</i> , <b>2019</b> , 23, 36	10.8	34
123	The Angel catheter for the prevention of pulmonary embolism: combining an IVC filter and a triple-lumen central venous catheter. <i>Expert Review of Medical Devices</i> , <b>2019</b> , 16, 183-186	3.5	6
122	Management of the brain-dead donor in the ICU: general and specific therapy to improve transplantable organ quality. <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 343-353	14.5	29
121	Update in Neurocritical Care: a summary of the 2018 Paris international conference of the French Society of Intensive Care. <i>Annals of Intensive Care</i> , <b>2019</b> , 9, 47	8.9	9
120	Feasibility of closed-loop titration of norepinephrine infusion in patients undergoing moderate- and high-risk surgery. <i>British Journal of Anaesthesia</i> , <b>2019</b> , 123, 430-438	5.4	22
119	Long-term survival in out-of-hospital cardiac arrest patients treated with targeted temperature control at 33 °C or 36 °C: A national registry study. <i>Resuscitation</i> , <b>2019</b> , 143, 142-147	4	13
118	The prognostic role of red blood cell distribution width in transfused and non-transfused critically ill patients. <i>Minerva Anestesiologica</i> , <b>2019</b> , 85, 1159-1167	1.9	7
117	Computed tomography angiography accuracy in brain death diagnosis. <i>Journal of Neurosurgery</i> , <b>2019</b> , 1-9	3.2	4
116	Intravascular versus surface cooling for targeted temperature management after out-of-hospital cardiac arrest: an analysis of the TTH48 trial. <i>Critical Care</i> , <b>2019</b> , 23, 61	10.8	13
115	WSES consensus conference guidelines: monitoring and management of severe adult traumatic brain injury patients with polytrauma in the first 24 hours. <i>World Journal of Emergency Surgery</i> , <b>2019</b> , 14, 53	9.2	20
114	Tissue oxygen saturation changes and postoperative complications in cardiac surgery: a prospective observational study. <i>BMC Anesthesiology</i> , <b>2019</b> , 19, 229	2.4	3
113	Postresuscitation Care after Out-of-hospital Cardiac Arrest: Clinical Update and Focus on Targeted Temperature Management. <i>Anesthesiology</i> , <b>2019</b> , 131, 186-208	4.3	13
112	Vancomycin Pharmacokinetics Throughout Life: Results from a Pooled Population Analysis and Evaluation of Current Dosing Recommendations. <i>Clinical Pharmacokinetics</i> , <b>2019</b> , 58, 767-780	6.2	33
111	Rationalizing antimicrobial therapy in the ICU: a narrative review. <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 172-189	14.5	79
110	A year in review in Minerva Anestesiologica 2018. Critical care. Experimental and clinical studies. <i>Minerva Anestesiologica</i> , <b>2019</b> , 85, 95-105	1.9	
109	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

108	The Extracorporeal Life Support Organization Maastricht Treaty for Nomenclature in Extracorporeal Life Support. A Position Paper of the Extracorporeal Life Support Organization. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 198, 447-451	10.2	90
107	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
106	Estimated cerebral perfusion pressure among post-cardiac arrest survivors. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 966-967	14.5	7
105	Are third-generation cephalosporins still the empirical antibiotic treatment of community-acquired spontaneous bacterial peritonitis? A systematic review and meta-analysis. <i>European Journal of Gastroenterology and Hepatology</i> , <b>2018</b> , 30, 329-336	2.2	20
104	Cerebral Near-Infrared Spectroscopy in Adult Patients Undergoing Veno-Arterial Extracorporeal Membrane Oxygenation. <i>Neurocritical Care</i> , <b>2018</b> , 29, 94-104	3.3	39
103	Bedside implantation of a new temporary vena cava inferior filter - Safety and efficacy results of the European ANGEL-Registry. <i>Journal of Critical Care</i> , <b>2018</b> , 44, 39-44	4	5
102	Red Cell Distribution Width After Subarachnoid Hemorrhage. <i>Journal of Neurosurgical Anesthesiology</i> , <b>2018</b> , 30, 319-327	3	8
101	Optic nerve sheath diameter measured sonographically as non-invasive estimator of intracranial pressure: a systematic review and meta-analysis. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 1284-1294	14.5	142
100	The impact of diastolic blood pressure values on the neurological outcome of cardiac arrest patients. <i>Resuscitation</i> , <b>2018</b> , 130, 167-173	4	16
99	A year in review in Minerva Anestesiologica 2017 Critical Care: experimental and clinical studies. <i>Minerva Anestesiologica</i> , <b>2018</b> , 84, 128-139	1.9	
98	Veno-venous ECMO during surgical repair of tracheal perforation: A case report. <i>International Journal of Surgery Case Reports</i> , <b>2018</b> , 42, 64-66	0.8	10
97	Assessment of left ventricular ejection fraction in critically ill patients at the time of speckle tracking echocardiography: intensivists in training for echocardiography versus experienced operators. <i>Minerva Anestesiologica</i> , <b>2018</b> , 84, 1270-1278	1.9	6
96	How long should comatose patients resuscitated from cardiac arrest be cooled?. <i>Journal of Thoracic Disease</i> , <b>2018</b> , 10, E761-E763	2.6	
95	Prolonged targeted temperature management in patients suffering from out-of-hospital cardiac arrest. <i>Journal of Thoracic Disease</i> , <b>2018</b> , 10, E752-E754	2.6	3
94	Quantitative versus standard pupillary light reflex for early prognostication in comatose cardiac arrest patients: an international prospective multicenter double-blinded study. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 2102-2111	14.5	101
93	Acute liver dysfunction after cardiac arrest. <i>PLoS ONE</i> , <b>2018</b> , 13, e0206655	3.7	19
92	Can red blood cell distribution width predict outcome after cardiac arrest?. <i>Minerva Anestesiologica</i> , <b>2018</b> , 84, 693-702	1.9	9
91	Impaired cerebral autoregulation is associated with brain dysfunction in patients with sepsis. <i>Critical Care</i> , <b>2018</b> , 22, 327	10.8	47

90	Platelet indices and outcome after cardiac arrest. <i>BMC Emergency Medicine</i> , <b>2018</b> , 18, 31	2.4	6
89	How to optimize antibiotic pharmacokinetic/pharmacodynamics for Gram-negative infections in critically ill patients. <i>Current Opinion in Infectious Diseases</i> , <b>2018</b> , 31, 555-565	5.4	18
88	ECCO2R: are we ready for the prime time?. <i>Minerva Anestesiologica</i> , <b>2018</b> , 84, 644-645	1.9	
87	Effects of acute ethanol intoxication in an ovine peritonitis model. <i>BMC Anesthesiology</i> , <b>2018</b> , 18, 70	2.4	2
86	The effects of blood transfusion on red blood cell distribution width in critically ill patients: a pilot study. <i>Transfusion</i> , <b>2018</b> , 58, 1863-1869	2.9	16
85	A narrative review of the technical standards for extracorporeal life support devices (pumps and oxygenators) in Europe. <i>Perfusion (United Kingdom)</i> , <b>2018</b> , 33, 553-561	1.9	9
84	Hemodynamic and neuro-monitoring for neurocritically ill patients: An international survey of intensivists. <i>Journal of Critical Care</i> , <b>2017</b> , 39, 40-47	4	8
83	No relationship between red blood cell distribution width and microcirculatory alterations in septic patients. <i>Clinical Hemorheology and Microcirculation</i> , <b>2017</b> , 66, 131-141	2.5	12
82	AuthorsResponse: CPR and brain death: confounders, clearance, caution. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 286-287	14.5	
81	A survey on general and temperature management of post cardiac arrest patients in large teaching and university hospitals in 14 European countries-The SPAME trial results. <i>Resuscitation</i> , <b>2017</b> , 116, 84-90	4	21
80	Pathogenic Role of Associated Adherent-Invasive Escherichia coli in Crohn's Disease. <i>Journal of Cellular Physiology</i> , <b>2017</b> , 232, 2860-2868	7	29
79	The potential role of auditory evoked potentials to assess prognosis in comatose survivors from cardiac arrest. <i>Resuscitation</i> , <b>2017</b> , 120, 119-124	4	15
78	Which algorithm diagnoses invasive pulmonary aspergillosis best in ICU patients with COPD?. <i>European Respiratory Journal</i> , <b>2017</b> , 50,	13.6	11
77	Harmful Effects of Hyperoxia in Postcardiac Arrest, Sepsis, Traumatic Brain Injury, or Stroke: The Importance of Individualized Oxygen Therapy in Critically Ill Patients. <i>Canadian Respiratory Journal</i> , <b>2017</b> , 2017, 2834956	2.1	43
76	Brain monitoring in adult and pediatric ECMO patients: the importance of early and late assessments. <i>Minerva Anestesiologica</i> , <b>2017</b> , 83, 1061-1074	1.9	24
75	How to manage blood pressure after brain injury?. <i>Minerva Anestesiologica</i> , <b>2017</b> , 83, 412-421	1.9	11
74	Lymphopaenia in cardiac arrest patients. <i>Annals of Intensive Care</i> , <b>2017</b> , 7, 85	8.9	11
73	Prognostic implications of blood lactate concentrations after cardiac arrest: a retrospective study. <i>Annals of Intensive Care</i> , <b>2017</b> , 7, 101	8.9	27

72	Continuous glucose monitoring in the ICU: clinical considerations and consensus. <i>Critical Care</i> , <b>2017</b> , 21, 197	10.8	65
71	A year in review in <i>Minerva Anestesiologica</i> 2016. <i>Critical Care. Experimental and clinical studies. Minerva Anestesiologica</i> , <b>2017</b> , 83, 108-120	1.9	
70	Targeted Temperature Management for 48 vs 24 Hours and Neurologic Outcome After Out-of-Hospital Cardiac Arrest: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2017</b> , 318, 341-350	27.4	161
69	The effects of storage of red blood cells on the development of postoperative infections after noncardiac surgery. <i>Transfusion</i> , <b>2017</b> , 57, 2727-2737	2.9	14
68	The effects of acute renal denervation on kidney perfusion and metabolism in experimental septic shock. <i>BMC Nephrology</i> , <b>2017</b> , 18, 182	2.7	3
67	Hemoglobin concentrations and RBC transfusion thresholds in patients with acute brain injury: an international survey. <i>Critical Care</i> , <b>2017</b> , 21, 159	10.8	24
66	Changes in kidney perfusion and renal cortex metabolism in septic shock: an experimental study. <i>Journal of Surgical Research</i> , <b>2017</b> , 207, 145-154	2.5	5
65	First experience on bilirubin removal with a hemoadsorption column (Lixelle <sup>®</sup> ) in a child with cardiogenic liver injury. <i>International Journal of Artificial Organs</i> , <b>2017</b> , 40, 522-525	1.9	3
64	Extracorporeal CO2 removal in critically ill patients: a systematic review. <i>Minerva Anestesiologica</i> , <b>2017</b> , 83, 762-772	1.9	31
63	Understanding PK/PD. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 1797-1800	14.5	38
62	Microvascular monitoring - Do global markers help?. <i>Baillieres Best Practice and Research in Clinical Anaesthesiology</i> , <b>2016</b> , 30, 399-405	4	8
61	A statistical analysis protocol for the time-differentiated target temperature management after out-of-hospital cardiac arrest (TTH48) clinical trial. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , <b>2016</b> , 24, 138	3.6	5
60	Anemia management after acute brain injury. <i>Critical Care</i> , <b>2016</b> , 20, 152	10.8	49
59	Effect of obesity on the pharmacokinetics of antimicrobials in critically ill patients: A structured review. <i>International Journal of Antimicrobial Agents</i> , <b>2016</b> , 47, 259-68	14.3	63
58	A high-dose aminoglycoside regimen combined with renal replacement therapy for the treatment of MDR pathogens: a proof-of-concept study. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2016</b> , 71, 1386-94	5.1	20
57	The impact of extracerebral organ failure on outcome of patients after cardiac arrest: an observational study from the ICON database. <i>Critical Care</i> , <b>2016</b> , 20, 368	10.8	27
56	Serum lactam concentrations in critically ill patients with cirrhosis: a matched case-control study. <i>Liver International</i> , <b>2016</b> , 36, 1002-10	7.9	7
55	The Impact of Renal Failure and Renal Replacement Therapy on Outcome During Extracorporeal Membrane Oxygenation Therapy. <i>Artificial Organs</i> , <b>2016</b> , 40, 746-54	2.6	50

54	The Prognostic Value of 48-h Continuous EEG During Therapeutic Hypothermia After Cardiac Arrest. <i>Neurocritical Care</i> , <b>2016</b> , 24, 153-62	3.3	38
53	New Regimen for Continuous Infusion of Vancomycin in Critically Ill Patients. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2016</b> , 60, 4750-6	5.9	35
52	Advances in antibiotic therapy in the critically ill. <i>Critical Care</i> , <b>2016</b> , 20, 133	10.8	70
51	Optimizing sedation in patients with acute brain injury. <i>Critical Care</i> , <b>2016</b> , 20, 128	10.8	140
50	The value of blood lactate kinetics in critically ill patients: a systematic review. <i>Critical Care</i> , <b>2016</b> , 20, 257	10.8	206
49	Evaluation of total body weight and body mass index cut-offs for increased cefazolin dose for surgical prophylaxis. <i>International Journal of Antimicrobial Agents</i> , <b>2016</b> , 48, 633-640	14.3	9
48	The rate of brain death and organ donation in patients resuscitated from cardiac arrest: a systematic review and meta-analysis. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 1661-1671	14.5	72
47	Red blood cell transfusion strategies in critically ill patients: lessons from recent randomized clinical studies. <i>Minerva Anestesiologica</i> , <b>2016</b> , 82, 1010-6	1.9	10
46	Pitfalls of brain monitoring using NIRS device. <i>Minerva Anestesiologica</i> , <b>2016</b> , 82, 608-9	1.9	
45	Population pharmacokinetics and dosing simulations of cefepime in septic shock patients receiving continuous renal replacement therapy. <i>International Journal of Antimicrobial Agents</i> , <b>2015</b> , 46, 413-9	14.3	16
44	Renal replacement therapy in acute kidney injury: controversy and consensus. <i>Critical Care</i> , <b>2015</b> , 19, 146	10.8	117
43	Neuroprotection in acute brain injury: an up-to-date review. <i>Critical Care</i> , <b>2015</b> , 19, 186	10.8	89
42	Effects of fluid administration on renal perfusion in critically ill patients. <i>Critical Care</i> , <b>2015</b> , 19, 250	10.8	25
41	Neuroprotective strategies and neuroprognostication after cardiac arrest. <i>Baillieres Best Practice and Research in Clinical Anaesthesiology</i> , <b>2015</b> , 29, 451-64	4	14
40	Normobaric hyperoxia alters the microcirculation in healthy volunteers. <i>Microvascular Research</i> , <b>2015</b> , 98, 23-8	3.7	58
39	Targeted temperature management and neuroprognostication after cardiac arrest: A survey in Belgium. <i>Resuscitation</i> , <b>2015</b> , 96, e1-2	4	5
38	Cytokine Serum Levels and Septic Myocardial Dysfunction: Is This the Key?. <i>Chest</i> , <b>2015</b> , 148, e192-e193	5.3	1
37	Breakthrough in cardiac arrest: reports from the 4th Paris International Conference. <i>Annals of Intensive Care</i> , <b>2015</b> , 5, 22	8.9	20

36	A new device for the prevention of pulmonary embolism in critically ill patients: Results of the European Angel Catheter Registry. <i>Journal of Trauma and Acute Care Surgery</i> , <b>2015</b> , 79, 456-62	3.3	24
35	Acute kidney injury after cardiac arrest. <i>Critical Care</i> , <b>2015</b> , 19, 169	10.8	57
34	Greater temperature variability is not associated with a worse neurological outcome after cardiac arrest. <i>Resuscitation</i> , <b>2015</b> , 96, 268-74	4	8
33	β-Lactam pharmacokinetics during extracorporeal membrane oxygenation therapy: A case-control study. <i>International Journal of Antimicrobial Agents</i> , <b>2015</b> , 45, 278-82	14.3	64
32	Advanced monitoring of systemic hemodynamics in critically ill patients with acute brain injury. <i>Neurocritical Care</i> , <b>2014</b> , 21 Suppl 2, S38-63	3.3	15
31	Invasive aspergillosis in patients with severe alcoholic hepatitis. <i>Journal of Hepatology</i> , <b>2014</b> , 60, 267-74	13.4	85
30	Myocardial depression in sepsis: from pathogenesis to clinical manifestations and treatment. <i>Journal of Critical Care</i> , <b>2014</b> , 29, 500-11	4	157
29	Cerebral aspergillosis in adult critically ill patients: a descriptive report of 10 patients from the AspICU cohort. <i>International Journal of Antimicrobial Agents</i> , <b>2014</b> , 43, 165-9	14.3	22
28	Soluble urokinase-type plasminogen activator receptor as a prognostic biomarker in critically ill patients. <i>Journal of Critical Care</i> , <b>2014</b> , 29, 144-9	4	268
27	Sepsis is associated with altered cerebral microcirculation and tissue hypoxia in experimental peritonitis. <i>Critical Care Medicine</i> , <b>2014</b> , 42, e114-22	1.4	83
26	Contemporary approach to neurologic prognostication of coma after cardiac arrest. <i>Chest</i> , <b>2014</b> , 146, 1375-1386	5.3	29
25	Clinical neurophysiological assessment of sepsis-associated brain dysfunction: a systematic review. <i>Critical Care</i> , <b>2014</b> , 18, 674	10.8	75
24	How much oxygen in adult cardiac arrest?. <i>Critical Care</i> , <b>2014</b> , 18, 555	10.8	22
23	Vancomycin population pharmacokinetics during extracorporeal membrane oxygenation therapy: a matched cohort study. <i>Critical Care</i> , <b>2014</b> , 18, 632	10.8	60
22	Prehospital therapeutic hypothermia in patients with out-of-hospital cardiac arrest. <i>JAMA - Journal of the American Medical Association</i> , <b>2014</b> , 311, 2233	27.4	1
21	Endothelium and regulatory inflammatory mechanisms during organ rejection. <i>Angiology</i> , <b>2014</b> , 65, 379-87	3	
20	C-reactive protein levels after cardiac arrest in patients treated with therapeutic hypothermia. <i>Resuscitation</i> , <b>2014</b> , 85, 932-8	4	23
19	Extracorporeal life support associated with hypothermia and normoxemia in refractory cardiac arrest. <i>Resuscitation</i> , <b>2013</b> , 84, 1519-24	4	69



18	Assessment of left ventricular function by pulse wave analysis in critically ill patients. <i>Intensive Care Medicine</i> , <b>2013</b> , 39, 1025-33	14.5	68
17	Case-control study of drug monitoring of $\beta$ -lactams in obese critically ill patients. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2013</b> , 57, 708-15	5.9	71
16	Influence of positive end-expiratory pressure on myocardial strain assessed by speckle tracking echocardiography in mechanically ventilated patients. <i>BioMed Research International</i> , <b>2013</b> , 2013, 918548	3.8	20
15	Brain perfusion in sepsis. <i>Current Vascular Pharmacology</i> , <b>2013</b> , 11, 170-86	3.3	38
14	Biomarkers as predictors of outcome after cardiac arrest. <i>Expert Review of Clinical Pharmacology</i> , <b>2012</b> , 5, 687-99	3.8	42
13	Pharmacokinetics of a loading dose of amikacin in septic patients undergoing continuous renal replacement therapy. <i>International Journal of Antimicrobial Agents</i> , <b>2011</b> , 37, 531-5	14.3	47
12	Appropriate antibiotic dosage levels in the treatment of severe sepsis and septic shock. <i>Current Infectious Disease Reports</i> , <b>2011</b> , 13, 406-15	3.9	23
11	Microcirculatory alterations: potential mechanisms and implications for therapy. <i>Annals of Intensive Care</i> , <b>2011</b> , 1, 27	8.9	140
10	Vancomycin dosing in critically ill patients: robust methods for improved continuous-infusion regimens. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2011</b> , 55, 2704-9	5.9	159
9	Revisiting the loading dose of amikacin for patients with severe sepsis and septic shock. <i>Critical Care</i> , <b>2010</b> , 14, R53	10.8	139
8	Insufficient $\beta$ -lactam concentrations in the early phase of severe sepsis and septic shock. <i>Critical Care</i> , <b>2010</b> , 14, R126	10.8	242
7	Cerebral microcirculation is impaired during sepsis: an experimental study. <i>Critical Care</i> , <b>2010</b> , 14, R140	10.8	120
6	Cerebral autoregulation is influenced by carbon dioxide levels in patients with septic shock. <i>Neurocritical Care</i> , <b>2010</b> , 12, 35-42	3.3	77
5	Cardiogenic shock with stunned myocardium during triple-H therapy treated with intra-aortic balloon pump counterpulsation. <i>Neurocritical Care</i> , <b>2009</b> , 10, 76-82	3.3	25
4	Characteristics and outcomes of cancer patients in European ICUs. <i>Critical Care</i> , <b>2009</b> , 13, R15	10.8	259
3	Gamma-globulin levels in patients with community-acquired septic shock. <i>Shock</i> , <b>2009</b> , 32, 379-85	3.4	61
2	Essential thrombocythaemia causing massive intra-abdominal thrombosis. <i>British Journal of Haematology</i> , <b>2005</b> , 128, 273	4.5	
1	Management of moderate to severe traumatic brain injury: an update for the intensivist. <i>Intensive Care Medicine</i> ,	14.5	4



