## Nicole Juffermans

List of Publications by Year in descending order

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Version: 2024-02-01

263 papers 12,605 citations

50566 48 h-index 33145 104 g-index

265 all docs

 $\begin{array}{c} 265 \\ \text{docs citations} \end{array}$ 

265 times ranked 14221 citing authors

#	Article	IF	CITATIONS
1	Incidence, Clinical Characteristics and Outcomes of Early Hyperbilirubinemia in Critically Ill Patients: Insights From the MARS Study. Shock, 2022, 57, 161-167.	1.0	7
2	Effect of red blood cell transfusion on inflammation, endothelial cell activation and coagulation in the critically ill. Vox Sanguinis, 2022, 117, 64-70.	0.7	4
3	The effect of shock duration on trauma-induced coagulopathy in a murine model. Intensive Care Medicine Experimental, 2022, $10,1.$	0.9	5
4	Patients with hypothermic sepsis have a unique gene expression profile compared to patients with fever and sepsis. Journal of Cellular and Molecular Medicine, 2022, 26, 1896-1904.	1.6	1
5	Treatment with ddAVP improves platelet-based coagulation in a rat model of traumatic hemorrhagic shock. Trauma Surgery and Acute Care Open, 2022, 7, e000852.	0.8	4
6	Donor-recipient sex is associated with transfusion-related outcomes in critically ill patients. Blood Advances, 2022, 6, 3260-3267.	2.5	9
7	Coagulopathy Underlying Rotational Thromboelastometry Derangements in Trauma Patients: A Prospective Observational Multicenter Study. Anesthesiology, 2022, 137, 232-242.	1.3	9
8	Platelet dysfunction after trauma: From mechanisms to targeted treatment. Transfusion, 2022, 62, .	0.8	8
9	Viscoelastic haemostatic assay augmented protocols for major trauma haemorrhage (ITACTIC): a randomized, controlled trial. Intensive Care Medicine, 2021, 47, 49-59.	3.9	155
10	Ventilation management and clinical outcomes in invasively ventilated patients with COVID-19 (PRoVENT-COVID): a national, multicentre, observational cohort study. Lancet Respiratory Medicine,the, 2021, 9, 139-148.	<b>5.</b> 2	206
11	Continuous postoperative pericardial flushing reduces postoperative bleeding after coronary artery bypass grafting: A randomized trial. EClinicalMedicine, 2021, 31, 100661.	3.2	1
12	Ventilation practices in burn patientsâ€"an international prospective observational cohort study. Burns and Trauma, 2021, 9, tkab034.	2.3	2
13	Caging the dragon: Research approach to COVIDâ€19–related thrombosis. Research and Practice in Thrombosis and Haemostasis, 2021, 5, 278-290.	1.0	14
14	Incidence of thrombotic complications and overall survival in hospitalized patients with COVID-19 in the second and first wave. Thrombosis Research, 2021, 199, 143-148.	0.8	98
15	How the COVID-19 pandemic will change the future of critical care. Intensive Care Medicine, 2021, 47, 282-291.	3.9	132
16	Between-trial heterogeneity in ARDS research. Intensive Care Medicine, 2021, 47, 422-434.	3.9	16
17	Population Pharmacokinetics and Probability of Target Attainment of Different Dosing Regimens of Ceftazidime in Critically Ill Patients with a Proven or Suspected Pseudomonas aeruginosa Infection. Antibiotics, 2021, 10, 612.	1.5	9
18	Bosutinib reduces endothelial permeability and organ failure in a rat polytrauma transfusion model. British Journal of Anaesthesia, 2021, 126, 958-966.	1.5	4

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19	Plasma as a resuscitation fluid for volumeâ€depleted shock: Potential benefits and risks. Transfusion, 2021, 61, S301-S312.	0.8	7
20	Induced normothermia ameliorates the procoagulant host response in human endotoxaemia. British Journal of Anaesthesia, 2021, 126, 1111-1118.	1.5	3
21	The relation between fibrinogen level, neutrophil activity and nucleosomes in the onset of disseminated intravascular coagulation in the critically ill. Journal of Internal Medicine, 2021, 290, 922-927.	2.7	1
22	Plateletâ€toâ€red blood cell ratio and mortality in bleeding trauma patients: A systematic review and metaâ€analysis. Transfusion, 2021, 61, S243-S251.	0.8	9
23	Prophylactic plasma: Can we finally let go?. Transfusion, 2021, 61, 1991-1992.	0.8	2
24	Impact of a vancomycin loading dose on the achievement of target vancomycin exposure in the first 24 h and on the accompanying risk of nephrotoxicity in critically ill patients. Journal of Antimicrobial Chemotherapy, 2021, 76, 2941-2949.	1.3	7
25	Plasma and rhADAMTS13 reduce trauma-induced organ failure by restoring the ADAMTS13-VWF axis. Blood Advances, 2021, 5, 3478-3491.	2.5	14
26	Imatinib in patients with severe COVID-19: a randomised, double-blind, placebo-controlled, clinical trial. Lancet Respiratory Medicine, the, 2021, 9, 957-968.	5.2	83
27	Venous thromboembolism is not a risk factor for the development of bloodstream infections in critically ill COVID-19 patients. Thrombosis Research, 2021, 206, 128-130.	0.8	0
28	Mechanical ventilation of the healthy lungs: lessons learned from recent trials. Current Opinion in Critical Care, 2021, 27, 55-59.	1.6	6
29	Transfusion strategies in bleeding critically ill adults: a clinical practice guideline from the European Society of Intensive Care Medicine. Intensive Care Medicine, 2021, 47, 1368-1392.	3.9	45
30	Pre-admission anticoagulant therapy and mortality in hospitalized COVID-19 patients: A retrospective cohort study. Thrombosis Research, 2021, 208, 35-38.	0.8	1
31	Changes in ventilator settings and ventilation–induced lung injury in burn patients—A systematic review. Burns, 2020, 46, 762-770.	1.1	7
32	Potential of Parameters of Iron Metabolism for the Diagnosis of Anemia of Inflammation in the Critically Ill. Transfusion Medicine and Hemotherapy, 2020, 47, 61-67.	0.7	3
33	Comparison of three transfusion protocols prior to central venous catheterization in patients with cirrhosis: A randomized controlled trial. Journal of Thrombosis and Haemostasis, 2020, 18, 560-570.	1.9	30
34	Opinions and Management of Hypothermic Sepsis: Results from an Online Survey. Therapeutic Hypothermia and Temperature Management, 2020, 10, 102-105.	0.3	4
35	Transfusion strategies in non-bleeding critically ill adults: a clinical practice guideline from the European Society of Intensive Care Medicine. Intensive Care Medicine, 2020, 46, 673-696.	3.9	108
36	Population Pharmacokinetics of Ganciclovir in Critically III Patients. Therapeutic Drug Monitoring, 2020, 42, 295-301.	1.0	8

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37	Red blood cell transfusion results in adhesion of neutrophils in human endotoxemia and in critically ill patients with sepsis. Transfusion, 2020, 60, 294-302.	0.8	5
38	The use of cryopreserved platelets in a traumaâ€induced hemorrhage model. Transfusion, 2020, 60, 2079-2089.	0.8	12
39	Response to "Co-infections in COVID-19 critically ill and antibiotic management: a prospective cohort analysis― Critical Care, 2020, 24, 591.	2.5	3
40	Biomarkers for the prediction of venous thromboembolism in critically ill COVID-19 patients. Thrombosis Research, 2020, 196, 308-312.	0.8	52
41	Transfusion in critical care: Past, present and future. Transfusion Medicine, 2020, 30, 418-432.	0.5	6
42	Transfusion in the mechanically ventilated patient. Intensive Care Medicine, 2020, 46, 2450-2457.	3.9	16
43	ISTH DIC subcommittee communication on anticoagulation in COVIDâ€19. Journal of Thrombosis and Haemostasis, 2020, 18, 2138-2144.	1.9	69
44	Severity of illness influences the microcirculatory response to red blood cell transfusion in the critically ill: an observational cohort study. Critical Care, 2020, 24, 498.	2.5	0
45	Targeting Endothelial Dysfunction in Acute Critical Illness to Reduce Organ Failure. Anesthesia and Analgesia, 2020, 131, 1708-1720.	1.1	20
46	Mechanical ventilation in patients with acute brain injury: recommendations of the European Society of Intensive Care Medicine consensus. Intensive Care Medicine, 2020, 46, 2397-2410.	3.9	140
47	Redâ€bloodâ€eell manufacturing methods and storage solutions differentially induce pulmonary cell activation. Vox Sanguinis, 2020, 115, 395-404.	0.7	2
48	Effectiveness of prothrombin complex concentrate for the treatment of bleeding: A systematic review and metaâ€analysis. Journal of Thrombosis and Haemostasis, 2020, 18, 2457-2467.	1.9	36
49	Microbiological profile of nosocomial infections following cardiac arrest: Insights from the targeted temperature management (TTM) trial. Resuscitation, 2020, 148, 227-233.	1.3	6
50	Continuous postoperative pericardial flushing method versus standard care for wound drainage after adult cardiac surgery: A randomized controlled trial. EBioMedicine, 2020, 55, 102744.	2.7	2
51	Myocardial Function during Low <i>versus</i> Intermediate Tidal Volume Ventilation in Patients without Acute Respiratory Distress Syndrome. Anesthesiology, 2020, 132, 1102-1113.	1.3	9
52	Study protocol and pilot results of an observational cohort study evaluating effect of red blood cell transfusion on oxygenation and mitochondrial oxygen tension in critically ill patients with anaemia: the INsufficient Oxygenation in the Intensive Care Unit (INOX ICU-2) study. BMJ Open, 2020, 10, e036351.	0.8	3
53	The importance of discovery science in the development of therapies for the critically ill. Intensive Care Medicine Experimental, 2020, 8, 17.	0.9	6
54	Therapeutic application of recombinant human ADAMTS-13 improves shock reversal and coagulation status in a trauma hemorrhage and transfusion rat model. Intensive Care Medicine Experimental, 2020, 8, 42.	0.9	4

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55	The effects of tidal volume size and driving pressure levels on pulmonary complement activation: an observational study in critically ill patients. Intensive Care Medicine Experimental, 2020, 8, 74.	0.9	2
56	The predictive validity for mortality of the driving pressure and the mechanical power of ventilation. Intensive Care Medicine Experimental, 2020, 8, 60.	0.9	5
57	The Effect of Washing of Stored Red Blood Cell Transfusion Units on Post Transfusion Recovery and Outcome in a Pneumosepsis Animal Model. Shock, 2020, 54, 794-801.	1.0	4
58	Fill the critical care discovery pipeline with ICMx!. Intensive Care Medicine Experimental, 2020, 8, 65.	0.9	1
59	Data-driven Development of ROTEM and TEG Algorithms for the Management of Trauma Hemorrhage. Annals of Surgery, 2019, 270, 1178-1185.	2.1	103
60	Why translational research matters: proceedings of the third international symposium on acute lung injury translational research (INSPIRES III). Intensive Care Medicine Experimental, 2019, 7, 40.	0.9	3
61	Use of a high platelet-to-RBC ratio of $2:1$ is more effective in correcting trauma-induced coagulopathy than a ratio of $1:1$ in a rat multiple trauma transfusion model. Intensive Care Medicine Experimental, $2019, 7, 42$ .	0.9	8
62	Development of a model for anemia of inflammation that is relevant to critical care. Intensive Care Medicine Experimental, 2019, 7, 47.	0.9	4
63	Clearance and phenotype of extracellular vesicles after red blood cell transfusion in a human endotoxemia model. Transfusion and Apheresis Science, 2019, 58, 508-511.	0.5	7
64	The effect of red blood cell transfusion on platelet function in critically ill patients. Thrombosis Research, 2019, 184, 115-121.	0.8	3
65	Volume incompliance and transfusion are essential for transfusionâ€associated circulatory overload: a novel animal model. Transfusion, 2019, 59, 3617-3627.	0.8	11
66	The current status of viscoelastic testing in septic coagulopathy. Thrombosis Research, 2019, 183, 146-152.	0.8	23
67	Washing or filtering of blood products does not improve outcome in a rat model of trauma and multiple transfusion. Transfusion, 2019, 59, 134-145.	0.8	9
68	An update of the transfusion-related acute lung injury (TRALI) definition. Transfusion Clinique Et Biologique, 2019, 26, 354-356.	0.2	7
69	Moderate positive predictive value of a multiplex real-time PCR on whole blood for pathogen detection in critically ill patients with sepsis. European Journal of Clinical Microbiology and Infectious Diseases, 2019, 38, 1829-1836.	1.3	6
70	Biological mechanisms implicated in adverse outcomes of sex mismatched transfusions. Transfusion and Apheresis Science, 2019, 58, 351-356.	0.5	12
71	A consensus redefinition of transfusionâ€related acute lung injury. Transfusion, 2019, 59, 2465-2476.	0.8	120
72	Perioperative proADM-change is associated with the development of acute respiratory distress syndrome in critically ill cardiac surgery patients: a prospective cohort study. Biomarkers in Medicine, 2019, 13, 1081-1091.	0.6	3

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73	Early increase in anti-inflammatory biomarkers is associated with the development of multiple organ dysfunction syndrome in severely injured trauma patients. Trauma Surgery and Acute Care Open, 2019, 4, e000343.	0.8	4
74	Thromboelastometry in critically ill patients with disseminated intravascular coagulation. Blood Coagulation and Fibrinolysis, 2019, 30, 181-187.	0.5	20
75	The effect of red blood cell transfusion on iron metabolism in critically ill patients. Transfusion, 2019, 59, 1196-1201.	0.8	6
76	Towards patientâ€specific management of trauma hemorrhage: the effect of resuscitation therapy on parameters of thromboelastometry. Journal of Thrombosis and Haemostasis, 2019, 17, 441-448.	1.9	30
77	Fluid restriction reduces pulmonary edema in a model of acute lung injury in mechanically ventilated rats. PLoS ONE, 2019, 14, e0210172.	1.1	9
78	Donor characteristics do not influence transfusion-related acute lung injury incidence in a secondary analysis of two case-control studies. Transfusion Clinique Et Biologique, 2019, 26, 10-17.	0.2	3
79	The S100A10 Pathway Mediates an Occult Hyperfibrinolytic Subtype in Trauma Patients. Annals of Surgery, 2019, 269, 1184-1191.	2.1	80
80	Effect of On-Demand vs Routine Nebulization of Acetylcysteine With Salbutamol on Ventilator-Free Days in Intensive Care Unit Patients Receiving Invasive Ventilation. JAMA - Journal of the American Medical Association, 2018, 319, 993.	3.8	22
81	Transfusion of autologous extracellular vesicles from stored red blood cells does not affect coagulation in a model of human endotoxemia. Transfusion, 2018, 58, 1486-1493.	0.8	7
82	Mechanisms of red blood cell transfusionâ€related immunomodulation. Transfusion, 2018, 58, 804-815.	0.8	144
83	Induced hypothermia in patients with septic shock and respiratory failure (CASS): a randomised, controlled, open-label trial. Lancet Respiratory Medicine, the, 2018, 6, 183-192.	<b>5.</b> 2	51
84	Treatment with broadly neutralizing influenza antibodies reduces severity of secondary pneumococcal pneumonia in mice. Journal of Medical Virology, 2018, 90, 1431-1437.	2.5	5
85	Predictive performance of a gentamicin population pharmacokinetic model in two western populations of critically ill patients. International Journal of Antimicrobial Agents, 2018, 52, 218-225.	1.1	11
86	Development and first evaluation of a novel multiplex real-time PCR on whole blood samples for rapid pathogen identification in critically ill patients with sepsis. European Journal of Clinical Microbiology and Infectious Diseases, 2018, 37, 1333-1344.	1.3	22
87	New blood for old? High quality evidence that fresh red blood cells confer no benefit for critically ill patients. Intensive Care Medicine, 2018, 44, 506-508.	3.9	1
88	Induced hypothermia is associated with reduced circulating subunits of mitochondrial DNA in cardiac arrest patients. Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2018, 29, 525-528.	0.7	7
89	Respiratory Viruses in Invasively Ventilated Critically Ill Patientsâ€"A Prospective Multicenter Observational Study. Critical Care Medicine, 2018, 46, 29-36.	0.4	35

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91	Outcome of red blood cell transfusion: ladies first, but perhaps not in donation. Journal of Thoracic Disease, 2018, 10, 641-643.	0.6	0
92	Association between viscoelastic tests-guided therapy with synthetic factor concentrates and allogenic blood transfusion in liver transplantation: a before-after study. BMC Anesthesiology, 2018, 18, 198.	0.7	24
93	Carriage of antibiotic-resistant Gram-negative bacteria after discontinuation of selective decontamination of the digestive tract (SDD) or selective oropharyngeal decontamination (SOD). Critical Care, 2018, 22, 243.	2.5	13
94	Effect of a Low vs Intermediate Tidal Volume Strategy on Ventilator-Free Days in Intensive Care Unit Patients Without ARDS. JAMA - Journal of the American Medical Association, 2018, 320, 1872.	3.8	195
95	Blood manufacturing methods affect red blood cell product characteristics and immunomodulatory activity. Blood Advances, 2018, 2, 2296-2306.	2.5	34
96	Practice of mechanical ventilation in cardiac arrest patients and effects of targeted temperature management: A substudy of the targeted temperature management trial. Resuscitation, 2018, 129, 29-36.	1.3	23
97	Invasive aspergillosis in patients admitted to the intensive care unit with severe influenza: a retrospective cohort study. Lancet Respiratory Medicine, the, 2018, 6, 782-792.	5.2	638
98	Iron metabolism in critically ill patients developing anemia of inflammation: a case control study. Annals of Intensive Care, 2018, 8, 56.	2.2	20
99	RELAx $\hat{a}$ e" REstricted versus Liberal positive end-expiratory pressure in patients without ARDS: protocol for a randomized controlled trial. Trials, 2018, 19, 272.	0.7	15
100	Hemodynamic management of critically ill burn patients: an international survey. Critical Care, 2018, 22, 194.	2.5	10
101	Carbon dioxide dynamics in relation to neurological outcome in resuscitated out-of-hospital cardiac arrest patients: an exploratory Target Temperature Management Trial substudy. Critical Care, 2018, 22, 196.	2.5	31
102	Interaction between peri-operative blood transfusion, tidal volume, airway pressure and postoperative ARDS: an individual patient data meta-analysis. Annals of Translational Medicine, 2018, 6, 23-23.	0.7	17
103	No association between systemic complement activation and intensive care unit-acquired weakness. Annals of Translational Medicine, 2018, 6, 115-115.	0.7	2
104	Reporting transfusion-related acute lung injury by clinical and preclinical disciplines. Blood Transfusion, 2018, 16, 227-234.	0.3	5
105	Combined effect of therapeutic strategies for bleeding injury on early survival, transfusion needs and correction of coagulopathy. British Journal of Surgery, 2017, 104, 222-229.	0.1	43
106	Selective decontamination of the digestive tract halves the prevalence of ventilator-associated pneumonia compared to selective oral decontamination. Intensive Care Medicine, 2017, 43, 1535-1537.	3.9	16
107	Hyperoxia provokes a time- and dose-dependent inflammatory response in mechanically ventilated mice, irrespective of tidal volumes. Intensive Care Medicine Experimental, 2017, 5, 27.	0.9	55
108	A randomized trial of remote ischemic preconditioning and control treatment for cardioprotection in sevoflurane-anesthetized CABG patients. BMC Anesthesiology, 2017, 17, 51.	0.7	15

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109	Viscoelastic Testing in Trauma. Seminars in Thrombosis and Hemostasis, 2017, 43, 375-385.	1.5	17
110	Short-Course Adjunctive Gentamicin as Empirical Therapy in Patients With Severe Sepsis and Septic Shock: A Prospective Observational Cohort Study. Clinical Infectious Diseases, 2017, 64, 1731-1736.	2.9	73
111	Transfusion of 35â€dayâ€stored red blood cells does not alter lipopolysaccharide tolerance during human endotoxemia. Transfusion, 2017, 57, 1359-1368.	0.8	6
112	Infectious complications after out-of-hospital cardiac arrestâ€"A comparison between two target temperatures. Resuscitation, 2017, 113, 70-76.	1.3	25
113	Determinants of gentamicin concentrations in critically ill patients: a population pharmacokinetic analysis. International Journal of Antimicrobial Agents, 2017, 49, 204-211.	1.1	30
114	Transfusion in Critical Care. Transfusion Medicine Reviews, 2017, 31, 203-204.	0.9	0
115	Possible TRALI is a real entity. Transfusion, 2017, 57, 2539-2541.	0.8	13
116	The research agenda for trauma critical care. Intensive Care Medicine, 2017, 43, 1340-1351.	3.9	32
117	Therapeutic use of transferrin to modulate anemia and conditions of iron toxicity. Blood Reviews, 2017, 31, 400-405.	2.8	21
118	Endotoxemia Results in Trapping of Transfused Red Blood Cells in Lungs with Associated Lung Injury. Shock, 2017, 48, 484-489.	1.0	5
119	Recognition and Management of Hemostatic Disorders in Critically III Patients Needing to Undergo an Invasive Procedure. Transfusion Medicine Reviews, 2017, 31, 223-229.	0.9	7
120	Therapeutic Drug Monitoring of Gentamicin Peak Concentrations in Critically III Patients. Therapeutic Drug Monitoring, 2017, 39, 522-530.	1.0	20
121	Transfusion of 35â€day stored red blood cells does not result in increase of plasma nonâ€transferrin bound iron in human endotoxemia. Transfusion, 2017, 57, 53-59.	0.8	10
122	Transfusionâ€related immunomodulation: review of the literature and implications for pediatric critical illness. Transfusion, 2017, 57, 195-206.	0.8	114
123	iTACTIC – implementing Treatment Algorithms for the Correction of Trauma-Induced Coagulopathy: study protocol for a multicentre, randomised controlled trial. Trials, 2017, 18, 486.	0.7	45
124	Nebulized anticoagulants in lung injury in critically ill patients—an updated systematic review of preclinical and clinical studies. Annals of Translational Medicine, 2017, 5, 444-444.	0.7	36
125	Induced Hypothermia in Patients with Septic Shock and Ventilator-demanding Respiratory Failure. Open Forum Infectious Diseases, 2017, 4, S30-S30.	0.4	0
126	The Ability of Extracellular Vesicles to Induce a Pro-Inflammatory Host Response. International Journal of Molecular Sciences, 2017, 18, 1285.	1.8	50

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127	Are there any alternatives for transfusion of AB plasma as universal donor in an emergency release setting?. Transfusion, 2016, 56, 1469-1474.	0.8	7
128	Mathematical model and calculation to predict the effect of prophylactic plasma transfusion on change in international normalized ratio in critically ill patients with coagulopathy. Transfusion, 2016, 56, 926-932.	0.8	12
129	Transfusion of 35-Day Stored RBCs in the Presence of Endotoxemia Does Not Result in Lung Injury in Humans*. Critical Care Medicine, 2016, 44, e412-e419.	0.4	33
130	Nurses versus physician-led interhospital critical care transport: a randomized non-inferiority trial. Intensive Care Medicine, 2016, 42, 1146-1154.	3.9	30
131	Helium ventilation for treatment of post-cardiac arrest syndrome: A safety and feasibility study. Resuscitation, 2016, 107, 145-149.	1.3	7
132	Nebulized C1-Esterase Inhibitor does not Reduce Pulmonary Complement Activation in Rats with Severe Streptococcus Pneumoniae Pneumonia. Cell Biochemistry and Biophysics, 2016, 74, 545-552.	0.9	6
133	Clinical practice of respiratory virus diagnostics in critically ill patients with a suspected pneumonia: A prospective observational study. Journal of Clinical Virology, 2016, 83, 37-42.	1.6	18
134	Transfusion of platelets, but not of red blood cells, is independently associated with nosocomial infections in the critically ill. Annals of Intensive Care, 2016, 6, 67.	2.2	31
135	Monocyteâ€mediated activation of endothelial cells occurs only after binding to extracellular vesicles from red blood cell products, a process mediated by βâ€integrin. Transfusion, 2016, 56, 3012-3020.	0.8	28
136	Interhospital critical care transports: a safe trip indeed!. Intensive Care Medicine, 2016, 42, 1837-1837.	3.9	0
137	Risk factors, host response and outcome of hypothermic sepsis. Critical Care, 2016, 20, 328.	2.5	46
138	Extracellular Vesicles from Red Blood Cell Products Induce a Strong Pro-Inflammatory Host Response <b>, </b> Dependent on Both Numbers and Storage Duration. Transfusion Medicine and Hemotherapy, 2016, 43, 302-305.	0.7	47
139	Effectiveness and Clinical Outcomes of a Two-Step Implementation of Conservative Oxygenation Targets in Critically Ill Patients. Critical Care Medicine, 2016, 44, 554-563.	0.4	78
140	Effect of extracorporeal CO <sub>2</sub> removal on right ventricular and hemodynamic parameters in a patient with acute respiratory distress syndrome. Perfusion (United Kingdom), 2016, 31, 525-529.	0.5	9
141	Potential diagnostic markers for disseminated intravascular coagulation of sepsis. Blood Reviews, 2016, 30, 149-155.	2.8	41
142	Hypothermia as a predictor for mortality in trauma patients at admittance to the intensive care unit. Journal of Emergencies, Trauma and Shock, 2016, 9, 97.	0.3	44
143	RBC Adhesive Capacity Is Essential for Efficient 'Immune Adherence Clearance' and Provide a Generic Target to Deplete Pathogens from Septic Patients. Blood, 2016, 128, 1031-1031.	0.6	8
144	Fresh frozen plasma transfusion fails to influence the hemostatic balance in critically ill patients with a coagulopathy. Journal of Thrombosis and Haemostasis, 2015, 13, 989-997.	1.9	58

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145	Preventive nebulization of mucolytic agents and bronchodilating drugs in invasively ventilated intensive care unit patients (NEBULAE): study protocol for a randomized controlled trial. Trials, 2015, 16, 389.	0.7	9
146	Associations between bolus infusion of hydrocortisone, glycemic variability and insulin infusion rate variability in critically III patients under moderate glycemic control. Annals of Intensive Care, 2015, 5, 34.	2.2	9
147	Accelerated clearance of human red blood cells in a rat transfusion model. Intensive Care Medicine Experimental, 2015, 3, 27.	0.9	9
148	Transfusion of freshâ€frozen plasma in critically ill patients with a coagulopathy before invasive procedures: a randomized clinical trial (CME). Transfusion, 2015, 55, 26-35.	0.8	94
149	The Area Under the Concentration-Time Curve Is a Better Estimate for Vancomycin Exposure Than Trough Levels. Critical Care Medicine, 2015, 43, e401.	0.4	0
150	Fresh frozen plasma transfusion fails to influence the hemostatic balance in critically ill patients with a coagulopathy: reply. Journal of Thrombosis and Haemostasis, 2015, 13, 1943-1944.	1.9	4
151	Microparticles. Critical Care Medicine, 2015, 43, 2700-2701.	0.4	0
152	Association between Maturation and Aging and Pulmonary Responses in Animal Models of Lung Injury. Anesthesiology, 2015, 123, 389-408.	1.3	32
153	Endogenous Microparticles Drive the Proinflammatory Host Immune Response in Severely Injured Trauma Patients. Shock, 2015, 43, 317-321.	1.0	28
154	Is fever control or improved survival the â€~risk factor' for ventilator-associated pneumonia?. Critical Care, 2015, 19, 208.	2.5	0
155	Effect of transfusion of fresh frozen plasma on parameters of endothelial condition and inflammatory status in non-bleeding critically ill patients: a prospective substudy of a randomized trial. Critical Care, 2015, 19, 163.	2.5	71
156	Pathogenesis of non-antibody mediated transfusion-related acute lung injury from bench to bedside. Blood Reviews, 2015, 29, 51-61.	2.8	71
157	The Potential of Heliox as a Therapy for Acute Respiratory Distress Syndrome in Adults and Children: A Descriptive Review. Respiration, 2015, 89, 166-174.	1.2	11
158	PReVENT - protective ventilation in patients without ARDS at start of ventilation: study protocol for a randomized controlled trial. Trials, 2015, 16, 226.	0.7	41
159	Influenza and Other Respiratory Viruses Are Underdiagnosed in Critically III Patients. Critical Care Medicine, 2015, 43, e117.	0.4	2
160	Point accuracy and reliability of an interstitial continuous glucose-monitoring device in critically ill patients: a prospective study. Critical Care, 2015, 19, 34.	2.5	35
161	Risk Factors for Trauma-Induced Coagulopathy- and Transfusion-Associated Multiple Organ Failure in Severely Injured Trauma Patients. Frontiers in Medicine, 2015, 2, 24.	1.2	21
162	Transfusion-Related Acute Lung Injury. , 2015, , 161-169.		2

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163	Associations between dynamics of the blood glucose level after hypoglycemia and intensive care unit mortality: a retrospective multicenter study. Intensive Care Medicine, 2015, 41, 1864-1865.	3.9	0
164	Incidence, risk factors, and outcome of transfusion-related acute lung injury in critically ill children: A retrospective study. Journal of Critical Care, 2015, 30, 55-59.	1.0	37
165	Effects of a hospital-wide introduction of a massive transfusion protocol on blood product ratio and blood product waste. Journal of Emergencies, Trauma and Shock, 2015, 8, 199.	0.3	18
166	Heliox Improves Carbon Dioxide Removal during Lung Protective Mechanical Ventilation. Critical Care Research and Practice, 2014, 2014, 1-5.	0.4	9
167	Utility of thromboelastography and/or thromboelastometry in adults with sepsis: a systematic review. Critical Care, 2014, 18, R30.	2.5	185
168	Severe Murine Typhus with Pulmonary System Involvement. Emerging Infectious Diseases, 2014, 20, 1375-1377.	2.0	26
169	The effect of C1â€inhibitor in a murine model of transfusionâ€related acute lung injury. Vox Sanguinis, 2014, 107, 71-75.	0.7	15
170	Evaluation of a multiâ€eenter randomised clinical trial on prophylactic transfusion of fresh frozen plasma: implications for future trials. Transfusion Medicine, 2014, 24, 292-296.	0.5	6
171	Thromboelastometry and organ failure in trauma patients: a prospective cohort study. Critical Care, 2014, 18, 687.	2.5	17
172	Cardiac arrest patients have an impaired immune response, which is not influenced by induced hypothermia. Critical Care, 2014, 18, R162.	2.5	41
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174	Self-reported attitudes versus actual practice of oxygen therapy by ICU physicians and nurses. Annals of Intensive Care, 2014, 4, 23.	2.2	77
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