Nicole Juffermans

List of Publications by Year
in descending order

263	12,605	44069 48	29157 104
papers	citations	h-index	g-index

265	265	265	13412
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Targeted Temperature Management at 33Â°C versus 36Â°C after Cardiac Arrest. New England Journal of Medicine, 2013, 369, 2197-2206.	27.0	2,805
2	Risk factors and outcome of transfusion-related acute lung injury in the critically ill: A nested caseâ€“control study*. Critical Care Medicine, 2010, 38, 771-778.	0.9	681
3	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.	10.7	638
4	Transfusion-related acute lung injury: a clinical review. Lancet, The, 2013, 382, 984-994.	13.7	314
5	Interleukinâ€1 Signaling Is Essential for Host Defense during Murine Pulmonary Tuberculosis. Journal of Infectious Diseases, 2000, 182, 902-908.	4.0	259
6	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.	10.7	206
7	Mechanical ventilation using non-injurious ventilation settings causes lung injury in the absence of pre-existing lung injury in healthy mice. Critical Care, 2009, 13, R1.	5.8	203
8	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.	7.4	195
9	The incidence, risk factors, and outcome of transfusion-related acute lung injury in a cohort of cardiac surgery patients: a prospective nested case-control study. Blood, 2011, 117, 4218-4225.	1.4	190
10	Utility of thromboelastography and/or thromboelastometry in adults with sepsis: a systematic review. Critical Care, 2014, 18, R30.	5.8	185
11	Depletion of Alveolar Macrophages Exerts Protective Effects in Pulmonary Tuberculosis in Mice. Journal of Immunology, 2001, 166, 4604-4611.	0.8	184
12	Viscoelastic haemostatic assay augmented protocols for major trauma haemorrhage (ITACTIC): a randomized, controlled trial. Intensive Care Medicine, 2021, 47, 49-59.	8.2	155
13	Prevalence, predictors and outcome of hypofibrinogenaemia in trauma: a multicentre observational study. Critical Care, 2014, 18, R52.	5.8	150
14	Mechanisms of red blood cell transfusionâ€related immunomodulation. Transfusion, 2018, 58, 804-815.	1.6	144
15	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.	8.2	140
16	How the COVID-19 pandemic will change the future of critical care. Intensive Care Medicine, 2021, 47, 282-291.	8.2	132
17	A consensus redefinition of transfusionâ€related acute lung injury. Transfusion, 2019, 59, 2465-2476.	1.6	120
18	Supernatant of Aged Erythrocytes Causes Lung Inflammation and Coagulopathy in a â€œTwo-Hitâ€In VivoÂ Syngeneic Transfusion Model. Anesthesiology, 2010, 113, 92-103.	2.5	118

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19	Association between tidal volume size, duration of ventilation, and sedation needs in patients without acute respiratory distress syndrome: an individual patient data meta-analysis. Intensive Care Medicine, 2014, 40, 950-957.	8.2	115
20	Transfusionâ€related immunomodulation: review of the literature and implications for pediatric critical illness. Transfusion, 2017, 57, 195-206.	1.6	114
21	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.	8.2	108
22	p38 Mitogen-Activated Protein Kinase Inhibition Increases Cytokine Release by Macrophages In Vitro and During Infection In Vivo. Journal of Immunology, 2001, 166, 582-587.	0.8	105
23	Data-driven Development of ROTEM and TEG Algorithms for the Management of Trauma Hemorrhage. Annals of Surgery, 2019, 270, 1178-1185.	4.2	103
24	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.	1.7	98
25	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.	1.6	94
26	Supernatant of stored platelets causes lung inflammation and coagulopathy in a novel in vivo transfusion model. Blood, 2010, 116, 1360-1368.	1.4	93
27	CpG Oligodeoxynucleotides Enhance Host Defense during Murine Tuberculosis. Infection and Immunity, 2002, 70, 147-152.	2.2	86
28	Imatinib in patients with severe COVID-19: a randomised, double-blind, placebo-controlled, clinical trial. Lancet Respiratory Medicine,the, 2021, 9, 957-968.	10.7	83
29	The S100A10 Pathway Mediates an Occult Hyperfibrinolytic Subtype in Trauma Patients. Annals of Surgery, 2019, 269, 1184-1191.	4.2	80
30	Effectiveness and Clinical Outcomes of a Two-Step Implementation of Conservative Oxygenation Targets in Critically Ill Patients. Critical Care Medicine, 2016, 44, 554-563.	0.9	78
31	Elevated Chemokine Concentrations in Sera of Human Immunodeficiency Virus (HIV)-Seropositive and HIV-Seronegative Patients with Tuberculosis: a Possible Role for Mycobacterial Lipoarabinomannan. Infection and Immunity, 1999, 67, 4295-4297.	2.2	78
32	Tumor Necrosis Factor and Interleukin-1 Inhibitors as Markers of Disease Activity of Tuberculosis. American Journal of Respiratory and Critical Care Medicine, 1998, 157, 1328-1331.	5.6	77
33	Red Blood Cell Clearance in Inflammation. Transfusion Medicine and Hemotherapy, 2012, 39, 353-360.	1.6	77
34	Self-reported attitudes versus actual practice of oxygen therapy by ICU physicians and nurses. Annals of Intensive Care, 2014, 4, 23.	4.6	77
35	Contrasting roles of IL-12p40 and IL-12p35 in the development of hapten-induced colitis. European Journal of Immunology, 2002, 32, 261-269.	2.9	73
36	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.	5.8	73

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37	A dose-finding study of methylene blue to inhibit nitric oxide actions in the hemodynamics of human septic shock. Nitric Oxide - Biology and Chemistry, 2010, 22, 275-280.	2.7	72
38	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.	5.8	71
39	Pathogenesis of non-antibody mediated transfusion-related acute lung injury from bench to bedside. Blood Reviews, 2015, 29, 51-61.	5.7	71
40	ISTH DIC subcommittee communication on anticoagulation in COVIDâ€19. Journal of Thrombosis and Haemostasis, 2020, 18, 2138-2144.	3.8	69
41	Transfusion-related acute lung injury in cardiac surgery patients is characterized by pulmonary inflammation and coagulopathy. Critical Care Medicine, 2012, 40, 2813-2820.	0.9	68
42	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.	3.8	58
43	Mechanical ventilation aggravates transfusion-related acute lung injury induced by MHC-I class antibodies. Intensive Care Medicine, 2010, 36, 879-887.	8.2	56
44	Suspended animation inducer hydrogen sulfide is protective in an inÂvivo model of ventilator-induced lung injury. Intensive Care Medicine, 2010, 36, 1946-1952.	8.2	56
45	Hyperoxia provokes a time- and dose-dependent inflammatory response in mechanically ventilated mice, irrespective of tidal volumes. Intensive Care Medicine Experimental, 2017, 5, 27.	1.9	55
46	A Single Oral Dose of Thalidomide Enhances the Capacity of Lymphocytes to Secrete Gamma Interferon in Healthy Humans. Antimicrobial Agents and Chemotherapy, 2000, 44, 2286-2290.	3.2	52
47	Transfusion-Related Risk of Secondary Bacterial Infections in Sepsis Patients. Shock, 2011, 35, 355-359.	2.1	52
48	Biomarkers for the prediction of venous thromboembolism in critically ill COVID-19 patients. Thrombosis Research, 2020, 196, 308-312.	1.7	52
49	Nlrp3 plays no role in acute cardiac infarction due to low cardiac expression. International Journal of Cardiology, 2014, 177, 41-43.	1.7	51
50	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.	10.7	51
51	The Ability of Extracellular Vesicles to Induce a Pro-Inflammatory Host Response. International Journal of Molecular Sciences, 2017, 18, 1285.	4.1	50
52	Expression of the Chemokine Receptors CXCR1 and CXCR2 on Granulocytes in Human Endotoxemia and Tuberculosis: Involvement of the p38 Mitogenâ€“Activated Protein Kinase Pathway. Journal of Infectious Diseases, 2000, 182, 888-894.	4.0	48
53	Sildenafil attenuates pulmonary arterial pressure but does not improve oxygenation during ARDS. Intensive Care Medicine, 2010, 36, 758-764.	8.2	48
54	Extracellular Vesicles from Red Blood Cell Products Induce a Strong Pro-Inflammatory Host Response, Dependent on Both Numbers and Storage Duration. Transfusion Medicine and Hemotherapy, 2016, 43, 302-305.	1.6	47

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55	Mitochondrial DNA is Released in Urine of SIRS Patients With Acute Kidney Injury and Correlates With Severity of Renal Dysfunction. Shock, 2018, 49, 301-310.	2.1	47
56	Risk factors, host response and outcome of hypothermic sepsis. Critical Care, 2016, 20, 328.	5.8	46
57	High Levels of S100A8/A9 Proteins Aggravate Ventilator-Induced Lung Injury via TLR4 Signaling. PLoS ONE, 2013, 8, e68694.	2.5	45
58	iTACTIC â€“ implementing Treatment Algorithms for the Correction of Trauma-Induced Coagulopathy: study protocol for a multicentre, randomised controlled trial. Trials, 2017, 18, 486.	1.6	45
59	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.	8.2	45
60	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.	0.7	44
61	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.	0.3	43
62	Serum Concentrations of Lipopolysaccharide Activityâ€“Modulating Proteins during Tuberculosis. Journal of Infectious Diseases, 1998, 178, 1839-1842.	4.0	42
63	Patients with Active Tuberculosis Have Increased Expression of HIV Coreceptors CXCR4 and CCR5 on CD4+ T Cells. Clinical Infectious Diseases, 2001, 32, 650-652.	5.8	42
64	Hydrogen Sulfide Donor NaHS Reduces Organ Injury in a Rat Model of Pneumococcal Pneumosepsis, Associated with Improved Bio-Energetic Status. PLoS ONE, 2013, 8, e63497.	2.5	42
65	A survey of physicians' reasons to transfuse plasma and platelets in the critically ill: a prospective singleâ€centre cohort study. Transfusion Medicine, 2009, 19, 207-212.	1.1	41
66	Traumatic Brain Injury in Rats Induces Lung Injury and Systemic Immune Suppression. Journal of Neurotrauma, 2013, 30, 2073-2079.	3.4	41
67	Cardiac arrest patients have an impaired immune response, which is not influenced by induced hypothermia. Critical Care, 2014, 18, R162.	5.8	41
68	PReVENT - protective ventilation in patients without ARDS at start of ventilation: study protocol for a randomized controlled trial. Trials, 2015, 16, 226.	1.6	41
69	Potential diagnostic markers for disseminated intravascular coagulation of sepsis. Blood Reviews, 2016, 30, 149-155.	5.7	41
70	Accumulation of bioactive lipids during storage of blood products is not cell but plasma derived and temperature dependent. Transfusion, 2011, 51, 2358-2366.	1.6	37
71	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.	2.2	37
72	The Role of Bronchoalveolar Hemostasis in the Pathogenesis of Acute Lung Injury. Seminars in Thrombosis and Hemostasis, 2008, 34, 475-484.	2.7	36

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73	Nebulized anticoagulants in lung injury in critically ill patientsâ€"an updated systematic review of preclinical and clinical studies. Annals of Translational Medicine, 2017, 5, 444-444.	1.7	36
74	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.	3.8	36
75	Mycobacterium xenopi in HIV-infected patients. Aids, 1998, 12, 1661-1666.	2.2	35
76	Lack of evidence of CD40 ligand involvement in transfusion-related acute lung injury. Clinical and Experimental Immunology, 2011, 165, 278-284.	2.6	35
77	Point accuracy and reliability of an interstitial continuous glucose-monitoring device in critically ill patients: a prospective study. Critical Care, 2015, 19, 34.	5.8	35
78	Respiratory Viruses in Invasively Ventilated Critically Ill Patientsâ€"A Prospective Multicenter Observational Study. Critical Care Medicine, 2018, 46, 29-36.	0.9	35
79	Concurrent Upregulation of Urokinase Plasminogen Activator Receptor and CD11b during Tuberculosis and Experimental Endotoxemia. Infection and Immunity, 2001, 69, 5182-5185.	2.2	34
80	Blood manufacturing methods affect red blood cell product characteristics and immunomodulatory activity. Blood Advances, 2018, 2, 2296-2306.	5.2	34
81	Potential Applications of Hydrogen Sulfide-Induced Suspended Animation. Current Medicinal Chemistry, 2009, 16, 1295-1303.	2.4	33
82	RECOMBINANT HUMAN SOLUBLE TUMOR NECROSIS FACTOR-ALPHA RECEPTOR FUSION PROTEIN PARTLY ATTENUATES VENTILATOR-INDUCED LUNG INJURY. Shock, 2009, 31, 262-266.	2.1	33
83	The effect of blood transfusion on pulmonary permeability in cardiac surgery patients: a prospective multicenter cohort study. Transfusion, 2012, 52, 82-90.	1.6	33
84	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.	0.9	33
85	The age of red blood cells is associated with bacterial infections in critically ill trauma patients. Blood Transfusion, 2012, 10, 290-5.	0.4	33
86	The effect of induced hypothermia on respiratory parameters in mechanically ventilated patients. Resuscitation, 2010, 81, 1723-1725.	3.0	32
87	Association between Maturation and Aging and Pulmonary Responses in Animal Models of Lung Injury. Anesthesiology, 2015, 123, 389-408.	2.5	32
88	The research agenda for trauma critical care. Intensive Care Medicine, 2017, 43, 1340-1351.	8.2	32
89	Mycobacterial Lipoarabinomannan Induces an Inflammatory Response in the Mouse Lung. American Journal of Respiratory and Critical Care Medicine, 2000, 162, 486-489.	5.6	31
90	Induced hypothermia is protective in a rat model of pneumococcal pneumonia associated with increased adenosine triphosphate availability and turnover*. Critical Care Medicine, 2012, 40, 919-926.	0.9	31

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91	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.	4.6	31
92	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.	5.8	31
93	Induction of a hypometabolic state during critical illness - a new concept in the ICU?. Netherlands Journal of Medicine, 2010, 68, 190-8.	0.5	31
94	Nurses versus physician-led interhospital critical care transport: a randomized non-inferiority trial. Intensive Care Medicine, 2016, 42, 1146-1154.	8.2	30
95	Determinants of gentamicin concentrations in critically ill patients: a population pharmacokinetic analysis. International Journal of Antimicrobial Agents, 2017, 49, 204-211.	2.5	30
96	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.	3.8	30
97	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.	3.8	30
98	Transfusion-related acute lung injury: a change of perspective. Netherlands Journal of Medicine, 2009, 67, 320-6.	0.5	30
99	Up-regulation of HIV coreceptors CXCR4 and CCR5 on CD4(+) T cells during human endotoxemia and after stimulation with (myco)bacterial antigens: the role of cytokines. Blood, 2000, 96, 2649-54.	1.4	29
100	Pulmonary Coagulopathy as a New Target in Lung Injury - A Review of Available Pre-Clinical Models. Current Medicinal Chemistry, 2008, 15, 588-595.	2.4	28
101	Endogenous Microparticles Drive the Proinflammatory Host Immune Response in Severely Injured Trauma Patients. Shock, 2015, 43, 317-321.	2.1	28
102	Monocyteâ€mediated activation of endothelial cells occurs only after binding to extracellular vesicles from red blood cell products, a process mediated by Î²â€integrin. Transfusion, 2016, 56, 3012-3020.	1.6	28
103	In the critically ill patient, diabetes predicts mortality independent of statin therapy but is not associated with acute lung injury. Critical Care Medicine, 2012, 40, 1835-1843.	0.9	27
104	High-Dose Acetylsalicylic Acid Is Superior to Low-Dose as Well as to Clopidogrel in Preventing Lipopolysaccharide-Induced Lung Injury in Mice. Shock, 2013, 40, 334-338.	2.1	26
105	The Extent of Ventilator-Induced Lung Injury in Mice Partly Depends on Duration of Mechanical Ventilation. Critical Care Research and Practice, 2013, 2013, 1-11.	1.1	26
106	Severe Murine Typhus with Pulmonary System Involvement. Emerging Infectious Diseases, 2014, 20, 1375-1377.	4.3	26
107	A short course of infusion of a hydrogen sulfide-donor attenuates endotoxemia induced organ injury via stimulation of anti-inflammatory pathways, with no additional protection from prolonged infusion. Cytokine, 2013, 61, 614-621.	3.2	25
108	Infectious complications after out-of-hospital cardiac arrestâ€"A comparison between two target temperatures. Resuscitation, 2017, 113, 70-76.	3.0	25

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109	The practice of reporting transfusionâ€related acute lung injury: a national survey among clinical and preclinical disciplines. Transfusion, 2010, 50, 443-451.	1.6	24
110	The effect of aspirin in transfusionâ€related acute lung injury in critically ill patients*. Anaesthesia, 2012, 67, 594-599.	3.8	24
111	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.	1.8	24
112	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.	3.0	23
113	The current status of viscoelastic testing in septic coagulopathy. Thrombosis Research, 2019, 183, 146-152.	1.7	23
114	Preventing TRALI: Ladies first, what follows?. Critical Care Medicine, 2008, 36, 3283-3284.	0.9	22
115	Pre-Treatment with Allopurinol or Uricase Attenuates Barrier Dysfunction but Not Inflammation during Murine Ventilator-Induced Lung Injury. PLoS ONE, 2012, 7, e50559.	2.5	22
116	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.	7.4	22
117	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.	2.9	22
118	Mild hypothermia reduces ventilatorâ€“induced lung injury, irrespective of reducing respiratory rate. Translational Research, 2012, 159, 110-117.	5.0	21
119	Risk Factors for Trauma-Induced Coagulopathy- and Transfusion-Associated Multiple Organ Failure in Severely Injured Trauma Patients. Frontiers in Medicine, 2015, 2, 24.	2.6	21
120	Therapeutic use of transferrin to modulate anemia and conditions of iron toxicity. Blood Reviews, 2017, 31, 400-405.	5.7	21
121	Therapeutic Drug Monitoring of Gentamicin Peak Concentrations in Critically Ill Patients. Therapeutic Drug Monitoring, 2017, 39, 522-530.	2.0	20
122	Iron metabolism in critically ill patients developing anemia of inflammation: a case control study. Annals of Intensive Care, 2018, 8, 56.	4.6	20
123	Thromboelastometry in critically ill patients with disseminated intravascular coagulation. Blood Coagulation and Fibrinolysis, 2019, 30, 181-187.	1.0	20
124	Targeting Endothelial Dysfunction in Acute Critical Illness to Reduce Organ Failure. Anesthesia and Analgesia, 2020, 131, 1708-1720.	2.2	20
125	Transfusion of fresh frozen plasma in non-bleeding ICU patients -TOPIC TRIAL: study protocol for a randomized controlled trial. Trials, 2011, 12, 266.	1.6	18
126	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.	3.1	18

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127	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.	0.7	18
128	Thromboelastometry and organ failure in trauma patients: a prospective cohort study. Critical Care, 2014, 18, 687.	5.8	17
129	Viscoelastic Testing in Trauma. Seminars in Thrombosis and Hemostasis, 2017, 43, 375-385.	2.7	17
130	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.	1.7	17
131	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.	8.2	16
132	Transfusion in the mechanically ventilated patient. Intensive Care Medicine, 2020, 46, 2450-2457.	8.2	16
133	Between-trial heterogeneity in ARDS research. Intensive Care Medicine, 2021, 47, 422-434.	8.2	16
134	The effect of C1â€inhibitor in a murine model of transfusionâ€related acute lung injury. Vox Sanguinis, 2014, 107, 71-75.	1.5	15
135	A randomized trial of remote ischemic preconditioning and control treatment for cardioprotection in sevoflurane-anesthetized CABG patients. BMC Anesthesiology, 2017, 17, 51.	1.8	15
136	RELAx â€“ REstricted versus Liberal positive end-expiratory pressure in patients without ARDS: protocol for a randomized controlled trial. Trials, 2018, 19, 272.	1.6	15
137	Mechanical Ventilation and the Titer of Antibodies as Risk Factors for the Development of Transfusion-Related Lung Injury. Critical Care Research and Practice, 2012, 2012, 1-7.	1.1	14
138	Caging the dragon: Research approach to COVIDâ€19â€“related thrombosis. Research and Practice in Thrombosis and Haemostasis, 2021, 5, 278-290.	2.3	14
139	Plasma and rhADAMTS13 reduce trauma-induced organ failure by restoring the ADAMTS13-VWF axis. Blood Advances, 2021, 5, 3478-3491.	5.2	14
140	Granulocyte Colonyâ€Stimulating Factor Receptors on Granulocytes Are Downâ€Regulated after Endotoxin Administration to Healthy Humans. Journal of Infectious Diseases, 2000, 181, 2067-2070.	4.0	13
141	Thalidomide Inhibits Granulocyte Responses in Healthy Humans after Ex Vivo Stimulation with Bacterial Antigens. Antimicrobial Agents and Chemotherapy, 2001, 45, 1547-1549.	3.2	13
142	Possible TRALI is a real entity. Transfusion, 2017, 57, 2539-2541.	1.6	13
143	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.	5.8	13
144	The relation between aged blood products and onset of transfusion-related acute lung injury. A review of pre-clinical data. Clinical Laboratory, 2011, 57, 267-72.	0.5	13

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145	Thalidomide Suppresses Upâ€Regulation of Human Immunodeficiency Virus Coreceptors CXCR4 and CCR5 on CD4+T Cells in Humans. Journal of Infectious Diseases, 2000, 181, 1813-1816.	4.0	12
146	Expression of Human Immunodeficiency Virus Coreceptors CXC Chemokine Receptor 4 and CC Chemokine Receptor 5 on Monocytes Is Downâ€regulated during Human Endotoxemia. Journal of Infectious Diseases, 2002, 185, 986-989.	4.0	12
147	From protective ventilation to super-protective ventilation for acute respiratory distress syndrome. Intensive Care Medicine, 2013, 39, 963-965.	8.2	12
148	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.	1.6	12
149	Biological mechanisms implicated in adverse outcomes of sex mismatched transfusions. Transfusion and Apheresis Science, 2019, 58, 351-356.	1.0	12
150	The use of cryopreserved platelets in a traumaâ€induced hemorrhage model. Transfusion, 2020, 60, 2079-2089.	1.6	12
151	Transfusion-related acute lung injury: a preventable syndrome?. Expert Review of Hematology, 2012, 5, 97-106.	2.2	11
152	The Potential of Heliox as a Therapy for Acute Respiratory Distress Syndrome in Adults and Children: A Descriptive Review. Respiration, 2015, 89, 166-174.	2.6	11
153	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.	2.5	11
154	Volume incompliance and transfusion are essential for transfusionâ€associated circulatory overload: a novel animal model. Transfusion, 2019, 59, 3617-3627.	1.6	11
155	Diabetes Insipidus as a Complication of Cryptococcal Meningitis in an HIV-infected Patient. Scandinavian Journal of Infectious Diseases, 2002, 34, 397-398.	1.5	10
156	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.	1.6	10
157	Hemodynamic management of critically ill burn patients: an international survey. Critical Care, 2018, 22, 194.	5.8	10
158	Transfusion-related acute lung injury: emerging importance of host factors and implications for management. Expert Review of Hematology, 2010, 3, 459-467.	2.2	9
159	Heliox Improves Carbon Dioxide Removal during Lung Protective Mechanical Ventilation. Critical Care Research and Practice, 2014, 2014, 1-5.	1.1	9
160	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.	1.6	9
161	Associations between bolus infusion of hydrocortisone, glycemic variability and insulin infusion rate variability in critically Ill patients under moderate glycemic control. Annals of Intensive Care, 2015, 5, 34.	4.6	9
162	Accelerated clearance of human red blood cells in a rat transfusion model. Intensive Care Medicine Experimental, 2015, 3, 27.	1.9	9

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163	Effect of extracorporeal CO₂ removal on right ventricular and hemodynamic parameters in a patient with acute respiratory distress syndrome. Perfusion (United Kingdom), 2016, 31, 525-529.	1.0	9
164	Washing or filtering of blood products does not improve outcome in a rat model of trauma and multiple transfusion. Transfusion, 2019, 59, 134-145.	1.6	9
165	Fluid restriction reduces pulmonary edema in a model of acute lung injury in mechanically ventilated rats. PLoS ONE, 2019, 14, e0210172.	2.5	9
166	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.	3.7	9
167	Plateletâ€toâ€red blood cell ratio and mortality in bleeding trauma patients: A systematic review and metaâ€analysis. Transfusion, 2021, 61, S243-S251.	1.6	9
168	Myocardial Function during Low versus Intermediate Tidal Volume Ventilation in Patients without Acute Respiratory Distress Syndrome. Anesthesiology, 2020, 132, 1102-1113.	2.5	9
169	Determinants of transfusion decisions in a mixed medical-surgical intensive care unit: a prospective cohort study. Blood Transfusion, 2009, 7, 106-10.	0.4	9
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