Alexander P Vlaar

List of Publications by Year
in descending order

191 papers	8,906 citations	87401 40 h-index	56606 87 g-index
202 all docs	202 docs citations	202 times ranked	12742 citing authors

#	Article	IF	Citations
1	Incidence of venous thromboembolism in hospitalized patients with COVIDâ€19. Journal of Thrombosis and Haemostasis, 2020, 18, 1995-2002.	1.9	1,227
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.	0.4	681
3	Viral presence and immunopathology in patients with lethal COVID-19: a prospective autopsy cohort study. Lancet Microbe, The, 2020, 1, e290-e299.	3.4	422
4	Ventilation with lower tidal volumes as compared with conventional tidal volumes for patients without acute lung injury: a preventive randomized controlled trial. Critical Care, 2010, 14, R1.	2.5	416
5	Coronary Angiography after Cardiac Arrest without ST-Segment Elevation. New England Journal of Medicine, 2019, 380, 1397-1407.	13.9	373
6	Transfusion-related acute lung injury: a clinical review. Lancet, The, 2013, 382, 984-994.	6.3	314
7	Effect of a Machine Learningâ€“Derived Early Warning System for Intraoperative Hypotension vs Standard Care on Depth and Duration of Intraoperative Hypotension During Elective Noncardiac Surgery. JAMA - Journal of the American Medical Association, 2020, 323, 1052.	3.8	273
8	Afucosylated IgG characterizes enveloped viral responses and correlates with COVID-19 severity. Science, 2021, 371, .	6.0	244
9	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.	5.2	206
10	A guide to immunotherapy for COVID-19. Nature Medicine, 2022, 28, 39-50.	15.2	206
11	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.	2.5	203
12	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.	0.6	190
13	High titers and low fucosylation of early human antiâ€“SARS-CoV-2 IgG promote inflammation by alveolar macrophages. Science Translational Medicine, 2021, 13, .	5.8	166
14	Anti-C5a antibody IFX-1 (vilobelimab) treatment versus best supportive care for patients with severe COVID-19 (PANAMO): an exploratory, open-label, phase 2 randomised controlled trial. Lancet Rheumatology, The, 2020, 2, e764-e773.	2.2	148
15	A consensus redefinition of transfusionâ€related acute lung injury. Transfusion, 2019, 59, 2465-2476.	0.8	120
16	Supernatant of Aged Erythrocytes Causes Lung Inflammation and Coagulopathy in a â€œTwo-Hitâ€In VivoÂ Syngeneic Transfusion Model. Anesthesiology, 2010, 113, 92-103.	1.3	118
17	Ventilator-induced Lung Injury Is Mediated by the NLRP3 Inflammasome. Anesthesiology, 2012, 116, 1104-1115.	1.3	118
18	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

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19	Supernatant of stored platelets causes lung inflammation and coagulopathy in a novel in vivo transfusion model. Blood, 2010, 116, 1360-1368.	0.6	93
20	Antibodyâ€mediated transfusionâ€related acute lung injury; from discovery to prevention. British Journal of Haematology, 2015, 170, 597-614.	1.2	83
21	Subphenotyping Acute Respiratory Distress Syndrome in Patients with COVID-19: Consequences for Ventilator Management. Annals of the American Thoracic Society, 2020, 17, 1161-1163.	1.5	79
22	Clinical features and prognostic factors in Covid-19: A prospective cohort study. EBioMedicine, 2021, 67, 103378.	2.7	79
23	Antibody responses against SARS-CoV-2 variants induced by four different SARS-CoV-2 vaccines in health care workers in the Netherlands: A prospective cohort study. PLoS Medicine, 2022, 19, e1003991.	3.9	75
24	Diaphragm Pathology in Critically Ill Patients With COVID-19 and Postmortem Findings From 3 Medical Centers. JAMA Internal Medicine, 2021, 181, 122.	2.6	72
25	Pathogenesis of non-antibody mediated transfusion-related acute lung injury from bench to bedside. Blood Reviews, 2015, 29, 51-61.	2.8	71
26	Transfusion-related acute lung injury in cardiac surgery patients is characterized by pulmonary inflammation and coagulopathy. Critical Care Medicine, 2012, 40, 2813-2820.	0.4	68
27	Coronary Angiography After Cardiac Arrest Without ST Segment Elevation. JAMA Cardiology, 2020, 5, 1358.	3.0	65
28	Development of a SARS-CoV-2 Total Antibody Assay and the Dynamics of Antibody Response over Time in Hospitalized and Nonhospitalized Patients with COVID-19. Journal of Immunology, 2020, 205, 3491-3499.	0.4	61
29	Cumulative fluid balance predicts mortality and increases time on mechanical ventilation in ARDS patients: An observational cohort study. PLoS ONE, 2019, 14, e0224563.	1.1	60
30	Mechanical ventilation aggravates transfusion-related acute lung injury induced by MHC-I class antibodies. Intensive Care Medicine, 2010, 36, 879-887.	3.9	56
31	Lowâ€risk transfusionâ€related acute lung injury donor strategies and the impact on the onset of transfusionâ€related acute lung injury: a metaâ€analysis. Transfusion, 2015, 55, 164-175.	0.8	56
32	Transfusion-Related Risk of Secondary Bacterial Infections in Sepsis Patients. Shock, 2011, 35, 355-359.	1.0	52
33	Neutrophil subset responses in infants with severe viral respiratory infection. Clinical Immunology, 2017, 176, 100-106.	1.4	52
34	Biomarkers for the prediction of venous thromboembolism in critically ill COVID-19 patients. Thrombosis Research, 2020, 196, 308-312.	0.8	52
35	ICU capacity management during the COVID-19 pandemic using a process simulation. Intensive Care Medicine, 2020, 46, 1624-1626.	3.9	52
36	Blood transfusion during cardiac surgery is associated with inflammation and coagulation in the lung: a case control study. Critical Care, 2011, 15, R59.	2.5	50

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37	Estimating mean circulatory filling pressure in clinical practice: a systematic review comparing three bedside methods in the critically ill. Annals of Intensive Care, 2018, 8, 73.	2.2	47
38	Central venous catheter placement in coagulopathic patients: risk factors and incidence of bleeding complications. Transfusion, 2017, 57, 2512-2525.	0.8	46
39	High Levels of S100A8/A9 Proteins Aggravate Ventilator-Induced Lung Injury via TLR4 Signaling. PLoS ONE, 2013, 8, e68694.	1.1	45
40	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
41	Transfusion practice in the non-bleeding critically ill: an international online surveyâ€"the TRACE survey. Critical Care, 2019, 23, 309.	2.5	42
42	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.	0.5	41
43	Transfusion-Associated Circulatory Overload: A Clinical Perspective. Transfusion Medicine Reviews, 2019, 33, 69-77.	0.9	41
44	Incidence, risk factors, and outcome of transfusionâ€associated circulatory overload in a mixed intensive care unit population: a nested caseâ€control study. Transfusion, 2018, 58, 498-506.	0.8	40
45	Pulmonary Activation of Coagulation and Inhibition of Fibrinolysis After Burn Injuries and Inhalation Trauma. Journal of Trauma, 2011, 70, 1389-1397.	2.3	39
46	Early initiation of extracorporeal life support in refractory out-of-hospital cardiac arrest: Design and rationale of the INCEPTION trial. American Heart Journal, 2019, 210, 58-68.	1.2	38
47	Accumulation of bioactive lipids during storage of blood products is not cell but plasma derived and temperature dependent. Transfusion, 2011, 51, 2358-2366.	0.8	37
48	Transfusion-related acute lung injury: Current understanding and preventive strategies. Transfusion Clinique Et Biologique, 2012, 19, 117-124.	0.2	36
49	Nebulized Anticoagulants Limit Pulmonary Coagulopathy, But Not Inflammation, in a Model of Experimental Lung Injury. Journal of Aerosol Medicine and Pulmonary Drug Delivery, 2010, 23, 105-111.	0.7	35
50	Yâ€RNA subtype ratios in plasma extracellular vesicles are cell typeâ€specific and are candidate biomarkers for inflammatory diseases. Journal of Extracellular Vesicles, 2020, 9, 1764213.	5.5	35
51	Nebulized antithrombin limits bacterial outgrowth and lung injury in Streptococcus pneumoniae pneumonia in rats. Critical Care, 2009, 13, R145.	2.5	33
52	RECOMBINANT HUMAN SOLUBLE TUMOR NECROSIS FACTOR-ALPHA RECEPTOR FUSION PROTEIN PARTLY ATTENUATES VENTILATOR-INDUCED LUNG INJURY. Shock, 2009, 31, 262-266.	1.0	33
53	The effect of blood transfusion on pulmonary permeability in cardiac surgery patients: a prospective multicenter cohort study. Transfusion, 2012, 52, 82-90.	0.8	33
54	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

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55	Glucoseâ€6â€phosphate dehydrogenase activity decreases during storage of leukoreduced red blood cells. Transfusion, 2016, 56, 427-432.	0.8	33
56	The impact of changes in intensive care organization on patient outcome and cost-effectivenessâ€"a narrative review. Journal of Intensive Care, 2017, 5, 13.	1.3	33
57	The age of red blood cells is associated with bacterial infections in critically ill trauma patients. Blood Transfusion, 2012, 10, 290-5.	0.3	33
58	Familial Brugada syndrome uncovered by hyperkalaemic diabetic ketoacidosis. Europace, 2011, 13, 1509-1510.	0.7	32
59	Recombinant Human Activated Protein C in the Treatment of Acute Respiratory Distress Syndrome: A Randomized Clinical Trial. PLoS ONE, 2014, 9, e90983.	1.1	32
60	Long-term 5-year outcome of the randomized IMPRESS in severe shock trial: percutaneous mechanical circulatory support vs. intra-aortic balloon pump in cardiogenic shock after acute myocardial infarction. European Heart Journal: Acute Cardiovascular Care, 2021, 10, 1009-1015.	0.4	30
61	Lipoprotein(a), venous thromboembolism and COVID-19: A pilot study. Atherosclerosis, 2022, 341, 43-49.	0.4	28
62	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.	0.4	27
63	Long-Term Outcome of Patients With a Hematologic Malignancy and Multiple Organ Failure Admitted at the Intensive Care. Critical Care Medicine, 2019, 47, e120-e128.	0.4	27
64	Hospital Costs of Extracorporeal Membrane Oxygenation in Adults: A Systematic Review. PharmacoEconomics - Open, 2021, 5, 613-623.	0.9	27
65	A Cross-Cultural Study of Pain Intensity in Egyptian and Dutch Women With Rheumatoid Arthritis. Journal of Pain, 2007, 8, 730-736.	0.7	26
66	Indoleamine 2,3â€dioxygenase (<scp>IDO</scp>)â€1 and <scp>IDO</scp>â€2 activity and severe course of <scp>COVID</scp>â€19. Journal of Pathology, 2022, 256, 256-261.	2.1	26
67	Soluble urokinase-type plasminogen activator receptor levels in patients with burn injuries and inhalation trauma requiring mechanical ventilation: an observational cohort study. Critical Care, 2011, 15, R270.	2.5	25
68	Effect of Hypotension Prediction Index-guided intraoperative haemodynamic care on depth and duration of postoperative hypotension: a sub-study of the Hypotension Prediction trial. British Journal of Anaesthesia, 2021, 127, 681-688.	1.5	25
69	The antiâ€C5a antibody vilobelimab efficiently inhibits C5a in patients with severe COVIDâ€19. Clinical and Translational Science, 2022, 15, 854-858.	1.5	25
70	The practice of reporting transfusionâ€related acute lung injury: a national survey among clinical and preclinical disciplines. Transfusion, 2010, 50, 443-451.	0.8	24
71	PRactice of VENTilation in Patients with Novel Coronavirus Disease (PRoVENT-COVID): rationale and protocol for a national multicenter observational study in The Netherlands. Annals of Translational Medicine, 2020, 8, 1251-1251.	0.7	24
72	The Role of Complement in Transfusion-Related Acute Lung Injury. Transfusion Medicine Reviews, 2019, 33, 236-242.	0.9	23

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73	Survival of patients with acute pulmonary embolism treated with venoarterial extracorporeal membrane oxygenation: A systematic review and meta-analysis. Journal of Critical Care, 2021, 64, 245-254.	1.0	23
74	Preventing TRALI: Ladies first, what follows?. Critical Care Medicine, 2008, 36, 3283-3284.	0.4	22
75	Pre-Treatment with Allopurinol or Uricase Attenuates Barrier Dysfunction but Not Inflammation during Murine Ventilator-Induced Lung Injury. PLoS ONE, 2012, 7, e50559.	1.1	22
76	Nebulized Fibrinolytic Agents Improve Pulmonary Fibrinolysis but Not Inflammation in Rat Models of Direct and Indirect Acute Lung Injury. PLoS ONE, 2013, 8, e55262.	1.1	22
77	Transfusionâ€associated circulatory overloadâ€"a systematic review of diagnostic biomarkers. Transfusion, 2019, 59, 795-805.	0.8	22
78	Risk of Aerosol Formation During High-Flow Nasal Cannula Treatment in Critically Ill Subjects. Respiratory Care, 2021, 66, 891-896.	0.8	22
79	Vasopressors and Inotropes in Acute Myocardial Infarction Related Cardiogenic Shock: A Systematic Review and Meta-Analysis. Journal of Clinical Medicine, 2020, 9, 2051.	1.0	21
80	Extracorporeal Membrane Oxygenation in Patients With COVID-19: An International Multicenter Cohort Study. Journal of Intensive Care Medicine, 2021, 36, 910-917.	1.3	21
81	Lung Microbiota of Critically Ill Patients with COVID-19 Are Associated with Nonresolving Acute Respiratory Distress Syndrome. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 846-856.	2.5	21
82	One of the first validations of an artificial intelligence algorithm for clinical use: The impact on intraoperative hypotension prediction and clinical decision-making. Surgery, 2021, 169, 1300-1303.	1.0	18
83	Correction of subclinical coagulation disorders before percutaneous dilatational tracheotomy. Blood Transfusion, 2012, 10, 213-20.	0.3	18
84	The Validity and Reliability of the Graphic Rating Scale and Verbal Rating Scale for Measuring Pain Across Cultures: A Study in Egyptian and Dutch Women With Rheumatoid Arthritis. Clinical Journal of Pain, 2006, 22, 827-830.	0.8	17
85	Platelet-independent adhesion of calcium-loaded erythrocytes to von Willebrand factor. PLoS ONE, 2017, 12, e0173077.	1.1	17
86	The role of endothelium in the onset of antibody-mediated TRALI. Blood Reviews, 2018, 32, 1-7.	2.8	17
87	Blood Transfusion Threshold in Patients Receiving Extracorporeal Membrane Oxygenation Support for Cardiac and Respiratory Failureâ€"A Systematic Review and Meta-Analysis. Journal of Cardiothoracic and Vascular Anesthesia, 2021, 35, 1192-1202.	0.6	17
88	Antibodies to biotinylated red blood cells in adults and infants: improved detection, partial characterization, and dependence on red blood cellâ€biotin dose. Transfusion, 2017, 57, 1488-1496.	0.8	16
89	Prophylactic platelet transfusion prior to central venous catheter placement in patients with thrombocytopenia: study protocol for a randomised controlled trial. Trials, 2018, 19, 127.	0.7	16
90	Development, validation, and potential applications of biotinylated red blood cells for posttransfusion kinetics and other physiological studies: evidencedâ€based analysis and recommendations. Transfusion, 2018, 58, 2068-2081.	0.8	16

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91	Transfusion in the mechanically ventilated patient. Intensive Care Medicine, 2020, 46, 2450-2457.	3.9	16
92	RELAx â€“ REstricted versus Liberal positive end-expiratory pressure in patients without ARDS: protocol for a randomized controlled trial. Trials, 2018, 19, 272.	0.7	15
93	A Higher Fluid Balance in the Days After Septic Shock Reversal Is Associated With Increased Mortality: An Observational Cohort Study. , 2020, 2, e0219.		15
94	Intramuscular adipose tissue at level Th12 is associated with survival in COVIDâ€19. Journal of Cachexia, Sarcopenia and Muscle, 2021, 12, 823-827.	2.9	15
95	Clearance of stored red blood cells is not increased compared with fresh red blood cells in a human endotoxemia model. Transfusion, 2016, 56, 1362-1369.	0.8	14
96	Pre-PCI versus immediate post-PCI Impella initiation in acute myocardial infarction complicated by cardiogenic shock. PLoS ONE, 2020, 15, e0235762.	1.1	14
97	Prevention of Immune-mediated Transfusion-related Acute Lung Injury; from Bloodbank to Patient. Current Pharmaceutical Design, 2012, 18, 3241-3248.	0.9	14
98	Nebulized Anticoagulants Limit Coagulopathy But Not Inflammation in Pseudomonas aeruginosa-Induced Pneumonia in Rats. Shock, 2011, 36, 417-423.	1.0	13
99	Possible TRALI is a real entity. Transfusion, 2017, 57, 2539-2541.	0.8	13
100	Time trend analysis of long term outcome of patients with haematological malignancies admitted at dutch intensive care units. British Journal of Haematology, 2018, 181, 68-76.	1.2	13
101	Clinical performance of a machine-learning algorithm to predict intra-operative hypotension with noninvasive arterial pressure waveforms. European Journal of Anaesthesiology, 2021, 38, 609-615.	0.7	13
102	Underdiagnosing of antibodyâ€mediated transfusionâ€related acute lung injury: evaluation of cellularâ€based versus beadâ€based techniques. Vox Sanguinis, 2016, 111, 71-78.	0.7	12
103	Volatile organic compounds in exhaled breath are independent of systemic inflammatory syndrome caused by intravenous lipopolysaccharide infusion in humans: results from an experiment in healthy volunteers. Journal of Breath Research, 2017, 11, 026003.	1.5	12
104	Comparison of Spectrophotometry, Chromate Inhibition, and Cytofluorometry Versus Gene Sequencing for Detection of Heterozygously Glucose-6-Phosphate Dehydrogenase-Deficient Females. Journal of Histochemistry and Cytochemistry, 2017, 65, 627-636.	1.3	12
105	A method for red blood cell biotinylation in a closed system. Transfusion, 2018, 58, 896-904.	0.8	12
106	Redefining transfusionâ€related acute lung injury: don't throw the baby out with the bathwater. Transfusion, 2016, 56, 2384-2388.	0.8	11
107	Patient blood management in the cardiac surgical setting: An updated overview. Transfusion and Apheresis Science, 2019, 58, 397-407.	0.5	11
108	Volume incompliance and transfusion are essential for transfusionâ€associated circulatory overload: a novel animal model. Transfusion, 2019, 59, 3617-3627.	0.8	11

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109	Coronavirus disease 2019 is associated with catheter-related thrombosis in critically ill patients: A multicenter case-control study. Thrombosis Research, 2021, 200, 87-90.	0.8	11
110	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
111	Improving peripheral intravenous catheter failure rates. Lancet, The, 2018, 392, 366-367.	6.3	10
112	Update for Anaesthetists on Clinical Features of COVID-19 Patients and Relevant Management. Journal of Clinical Medicine, 2020, 9, 1495.	1.0	10
113	Complement inhibition in severe COVID-19 â€“ Blocking C5a seems to be key. EClinicalMedicine, 2021, 35, 100722.	3.2	10
114	The recipe for TACO: A narrative review on the pathophysiology and potential mitigation strategies of transfusion-associated circulatory overload. Blood Reviews, 2022, 52, 100891.	2.8	10
115	Performance of a machine-learning algorithm to predict hypotension in mechanically ventilated patients with COVID-19 admitted to the intensive care unit: a cohort study. Journal of Clinical Monitoring and Computing, 2022, 36, 1397-1405.	0.7	10
116	Erythropoiesisâ€stimulating agents as replacement therapy for blood transfusions in critically ill patients with anaemia: A systematic review with metaâ€analysis. Transfusion Medicine, 2020, 30, 433-441.	0.5	9
117	The effect of immediate coronary angiography after cardiac arrest without ST-segment elevation on left ventricular function. A sub-study of the COACT randomised trial. Resuscitation, 2021, 164, 93-100.	1.3	9
118	Determinants of transfusion decisions in a mixed medical-surgical intensive care unit: a prospective cohort study. Blood Transfusion, 2009, 7, 106-10.	0.3	9
119	Contribution of damage-associated molecular patterns to transfusion-related acute lung injury in cardiac surgery. Blood Transfusion, 2014, 12, 368-75.	0.3	9
120	Executive summary of the artificial intelligence in surgery series. Surgery, 2022, 171, 1435-1439.	1.0	9
121	Histochemical Detection of Ischemia-Like Alterations Induced in Kidney Tissue in vitro â€“ Different Sensitivity to Oxidant Stress of Glomerular ENTPD1 versus E5NT. Nephron Physiology, 2009, 111, p1-p8.	1.5	8
122	Early intravenous unfractionated heparin and outcome in acute lung injury and acute respiratory distress syndrome â€“ a retrospective propensity matched cohort study. BMC Pulmonary Medicine, 2012, 12, 43.	0.8	8
123	Soluble receptor for advanced glycation end products as an indicator of pulmonary vascular injury after cardiac surgery. BMC Pulmonary Medicine, 2013, 13, 76.	0.8	8
124	Cost-effectiveness in extracorporeal life support in critically ill adults in the Netherlands. BMC Health Services Research, 2018, 18, 172.	0.9	8
125	Colloid osmotic pressure of contemporary and novel transfusion products. Vox Sanguinis, 2020, 115, 664-675.	0.7	8
126	ICU Capacity Management During the COVID-19 Pandemic Using a Stochastic Process Simulation. SSRN Electronic Journal, 0, , .	0.4	8

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127	RBC Transfusion in Venovenous Extracorporeal Membrane Oxygenation: A Multicenter Cohort Study. Critical Care Medicine, 2022, 50, 224-234.	0.4	8
128	Plasminogen Activator Inhibitor-Type I Gene Deficient Mice Show Reduced Influx of Neutrophils in Ventilator-Induced Lung Injury. Critical Care Research and Practice, 2011, 2011, 1-11.	0.4	7
129	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
130	Biotinylation of platelets for transfusion purposes a novel method to label platelets in a closed system. Transfusion, 2019, 59, 2964-2973.	0.8	7
131	An update of the transfusion-related acute lung injury (TRALI) definition. Transfusion Clinique Et Biologique, 2019, 26, 354-356.	0.2	7
132	Bleeding assessment and bleeding severity in thrombocytopenic patients undergoing invasive procedures. Transfusion, 2020, 60, 637-649.	0.8	7
133	Storage of red blood cells in alkaline PAGGGM improves metabolism but has no effect on recovery after transfusion. Blood Advances, 2022, 6, 3899-3910.	2.5	7
134	Haematological malignancy in the intensive care unit: microbiology results and mortality. European Journal of Haematology, 2016, 97, 271-277.	1.1	6
135	Transfusion of 35â€dayâ€stored red blood cells does not alter lipopolysaccharide tolerance during human endotoxemia. Transfusion, 2017, 57, 1359-1368.	0.8	6
136	Transfusion in critical care: Past, present and future. Transfusion Medicine, 2020, 30, 418-432.	0.5	6
137	Double-Hitâ€“Induced Leukocyte Extravasation Driven by Endothelial Adherens Junction Destabilization. Journal of Immunology, 2020, 205, 511-520.	0.4	6
138	Alveolar but Not Intravenous S-Ketamine Inhibits Alveolar Sodium Transport and Lung Fluid Clearance in Rats. Anesthesia and Analgesia, 2010, 111, 164-170.	1.1	5
139	An update of the transfusion-related acute lung injury (TRALI) definition. Transfusion and Apheresis Science, 2019, 58, 632-633.	0.5	5
140	Reducing errors in the administration of medication with infusion pumps in the intensive care department: A lean approach. SAGE Open Medicine, 2019, 7, 205031211882262.	0.7	5
141	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
142	Sex differences in patients with out-of-hospital cardiac arrest without ST-segment elevation: A COACT trial substudy. Resuscitation, 2021, 158, 14-22.	1.3	5
143	Outcome and Predictors for Mortality in Patients with Cardiogenic Shock: A Dutch Nationwide Registry-Based Study of 75,407 Patients with Acute Coronary Syndrome Treated by PCI. Journal of Clinical Medicine, 2021, 10, 2047.	1.0	5
144	Developing Specific Therapeutic Strategies for Transfusion-Related Acute Lung Injury. An Overview of Potentially Useful Animal Models. Cardiovascular and Hematological Agents in Medicinal Chemistry, 2007, 5, 319-326.	0.4	5

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145	Machine learning methods for perioperative anesthetic management in cardiac surgery patients: a scoping review. Journal of Thoracic Disease, 2021, 13, 6976-6993.	0.6	5
146	Reporting transfusion-related acute lung injury by clinical and preclinical disciplines. Blood Transfusion, 2018, 16, 227-234.	0.3	5
147	The divergent clinical presentations of transfusion-related acute lung injury illustrated by two case reports. Medical Science Monitor, 2010, 16, CS129-34.	0.5	5
148	Diagnosing acute lung injury in the critically ill: a national survey among critical care physicians. Acta Anaesthesiologica Scandinavica, 2009, 53, 1293-1299.	0.7	4
149	Transfusion-associated circulatory overload: A survey among Dutch intensive care fellows. Transfusion Clinique Et Biologique, 2018, 25, 19-25.	0.2	4
150	An Update of the Transfusion-Related Acute Lung Injury (TRALI): A Proposed Modified Definition and Classification Scheme Definition. Indian Journal of Hematology and Blood Transfusion, 2020, 36, 556-558.	0.3	4
151	Defining human mean circulatory filling pressure in the intensive care unit. Journal of Applied Physiology, 2020, 129, 311-316.	1.2	4
152	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
153	Reported transfusionâ€related acute lung injury associated with solvent/detergent plasma â€“ A case series. Transfusion, 2022, 62, 594-599.	0.8	4
154	<scp>Transfusion practice</scp> in the bleeding critically ill: An international online surveyâ€”The <scp>TRACE</scp>â€2 survey. Transfusion, 2022, 62, 324-335.	0.8	4
155	Reduced anticoagulation targets in extracorporeal life support (RATE): study protocol for a randomized controlled trial. Trials, 2022, 23, 405.	0.7	4
156	Relative Tissue Factor Deficiency Attenuates Ventilator-Induced Coagulopathy but Does Not Protect against Ventilator-Induced Lung Injury in Mice. Critical Care Research and Practice, 2012, 2012, 1-10.	0.4	3
157	Medical student education in transfusion medicine, part II: Moving forward to building up a "Know How" education program in transfusion medicine for under-graduate medical students. Transfusion and Apheresis Science, 2020, 59, 102879.	0.5	3
158	Contribution of Coagulopathy on the Risk of Bleeding After Central Venous Catheter Placement in Critically Ill Thrombocytopenic Patients. , 2022, 4, e0621.		3
159	Incidence and risk factors of deep vein thrombosis after extracorporeal life support. Artificial Organs, 2022, , .	1.0	3
160	Autologous red blood cell transfusion does not result in a more profound increase in pulmonary capillary wedge pressure compared to saline in critically ill patients: A randomized crossover trial. Vox Sanguinis, 2022, 117, 1035-1042.	0.7	3
161	Transfusion-Related Acute Lung Injury. , 2015, , 161-169.		2
162	International point prevalence study of Intensive Care Unit transfusion practicesâ€”Pilot study in the Netherlands. Transfusion Clinique Et Biologique, 2019, 26, 202-208.	0.2	2

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163	Efficacy matters: broadening complement inhibition in COVID-19 â€“ Authors' reply. Lancet Rheumatology, The, 2021, 3, e95-e96.	2.2	2
164	Differential effects of speed and volume on transfusionâ€associated circulatory overload: A randomized study in rats. Vox Sanguinis, 2021, , .	0.7	2
165	An update of the transfusion-related acute lung injury (TRALI) definition. Turkish Journal of Haematology, 2019, 36, 282-283.	0.2	2
166	The Aged Erythrocyte: Key Player in Cancer Progression, but Also in Infectious and Respiratory Complications of Blood Transfusion?. Anesthesiology, 2009, 111, 444-444.	1.3	2
167	Inflammatory biomarkers at hospital discharge are associated with readmission and death in patients hospitalized for COVID-19. European Journal of Clinical Microbiology and Infectious Diseases, 2021, 40, 2677-2683.	1.3	2
168	Endothelial cells of pulmonary origin display unique sensitivity to the bacterial endotoxin lipopolysaccharide. Physiological Reports, 2022, 10, e15271.	0.7	2
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