Alexander P Vlaar

List of Publications by Year
in descending order

191 papers	8,906 citations	76326 40 h-index	49909 87 g-index
202 all docs	202 docs citations	202 times ranked	12097 citing authors

#	Article	IF	Citations
1	The recipe for TACO: A narrative review on the pathophysiology and potential mitigation strategies of transfusion-associated circulatory overload. Blood Reviews, 2022, 52, 100891.	5.7	10
2	Executive summary of the artificial intelligence in surgery series. Surgery, 2022, 171, 1435-1439.	1.9	9
3	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.	1.6	10
4	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.	4.5	26
5	Lipoprotein(a), venous thromboembolism and COVID-19: A pilot study. Atherosclerosis, 2022, 341, 43-49.	0.8	28
6	The antiâ€C5a antibody vilobelimab efficiently inhibits C5a in patients with severe COVIDâ€19. Clinical and Translational Science, 2022, 15, 854-858.	3.1	25
7	Contribution of Coagulopathy on the Risk of Bleeding After Central Venous Catheter Placement in Critically Ill Thrombocytopenic Patients. , 2022, 4, e0621.		3
8	A guide to immunotherapy for COVID-19. Nature Medicine, 2022, 28, 39-50.	30.7	206
9	RBC Transfusion in Venovenous Extracorporeal Membrane Oxygenation: A Multicenter Cohort Study. Critical Care Medicine, 2022, 50, 224-234.	0.9	8
10	Reported transfusionâ€related acute lung injury associated with solvent/detergent plasma â€“ A case series. Transfusion, 2022, 62, 594-599.	1.6	4
11	Cost Analysis From a Randomized Comparison of Immediate Versus Delayed Angiography After Cardiac Arrest. Journal of the American Heart Association, 2022, 11, e022238.	3.7	0
12	<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.	1.6	4
13	Endothelial cells of pulmonary origin display unique sensitivity to the bacterial endotoxin lipopolysaccharide. Physiological Reports, 2022, 10, e15271.	1.7	2
14	Incidence and risk factors of deep vein thrombosis after extracorporeal life support. Artificial Organs, 2022, , .	1.9	3
15	Bronchoscopic Intrapulmonary Recombinant Factor VIIa for Diffuse Alveolar Hemorrhage-induced Acute Respiratory Failure in MPO-ANCA Vasculitis: A Case Report. The Journal of Critical Care Medicine, 2022, 8, 123-125.	0.7	0
16	Storage of red blood cells in alkaline PAGGGM improves metabolism but has no effect on recovery after transfusion. Blood Advances, 2022, 6, 3899-3910.	5.2	7
17	Experimental Acute Lung Injury in Animals: With Age Comes Knowledge. American Journal of Respiratory Cell and Molecular Biology, 2022, , .	2.9	0
18	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.	1.5	3

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19	Reduced anticoagulation targets in extracorporeal life support (RATE): study protocol for a randomized controlled trial. Trials, 2022, 23, 405.	1.6	4
20	There Will be Blood - But Maybe Less with Prostaglandin E1. American Journal of Respiratory and Critical Care Medicine, 2022, , .	5.6	0
21	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.	8.4	75
22	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.	5.6	21
23	Ischaemic electrocardiogram patterns and its association with survival in out-of-hospital cardiac arrest patients without ST-segment elevation myocardial infarction: a COACT trialsâ€™ post-hoc subgroup analysis. European Heart Journal: Acute Cardiovascular Care, 2022, 11, 535-543.	1.0	2
24	The Effect of Intermittent versus Continuous Non-Invasive Blood Pressure Monitoring on the Detection of Intraoperative Hypotension, a Sub-Study. Journal of Clinical Medicine, 2022, 11, 4083.	2.4	1
25	Prophylactic furosemide to prevent transfusion-associated circulatory overload: a randomized controlled study in rats. Scientific Reports, 2022, 12, .	3.3	1
26	Treating critically ill anemic patients with erythropoietin: less is more. Intensive Care Medicine, 2021, 47, 256-257.	8.2	0
27	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.	1.3	17
28	Sex differences in patients with out-of-hospital cardiac arrest without ST-segment elevation: A COACT trial substudy. Resuscitation, 2021, 158, 14-22.	3.0	5
29	Diaphragm Pathology in Critically Ill Patients With COVID-19 and Postmortem Findings From 3 Medical Centers. JAMA Internal Medicine, 2021, 181, 122.	5.1	72
30	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.	1.9	18
31	Afucosylated IgG characterizes enveloped viral responses and correlates with COVID-19 severity. Science, 2021, 371, .	12.6	244
32	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
33	Continuous cuff pressure control: More highâ€quality evidence is needed. Nursing in Critical Care, 2021, 26, 13-13.	2.3	1
34	Risk of Aerosol Formation During High-Flow Nasal Cannula Treatment in Critically Ill Subjects. Respiratory Care, 2021, 66, 891-896.	1.6	22
35	Efficacy matters: broadening complement inhibition in COVID-19 â€" Authors' reply. Lancet Rheumatology, The, 2021, 3, e95-e96.	3.9	2
36	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.	1.7	13

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37	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.	3.0	9
38	Coronavirus disease 2019 is associated with catheter-related thrombosis in critically ill patients: A multicenter case-control study. Thrombosis Research, 2021, 200, 87-90.	1.7	11
39	Extracorporeal Membrane Oxygenation in Patients With COVID-19: An International Multicenter Cohort Study. Journal of Intensive Care Medicine, 2021, 36, 910-917.	2.8	21
40	Complement inhibition in severe COVID-19 â€“ Blocking C5a seems to be key. EClinicalMedicine, 2021, 35, 100722.	7.1	10
41	Hospital Costs of Extracorporeal Membrane Oxygenation in Adults: A Systematic Review. PharmacoEconomics - Open, 2021, 5, 613-623.	1.8	27
42	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.	2.4	5
43	Clinical features and prognostic factors in Covid-19: A prospective cohort study. EBioMedicine, 2021, 67, 103378.	6.1	79
44	Intramuscular adipose tissue at level Th12 is associated with survival in COVIDâ€19. Journal of Cachexia, Sarcopenia and Muscle, 2021, 12, 823-827.	7.3	15
45	High titers and low fucosylation of early human antiâ€“SARS-CoV-2 IgG promote inflammation by alveolar macrophages. Science Translational Medicine, 2021, 13, .	12.4	166
46	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.	3.4	25
47	Cyclophosphamide for interstitial lung disease-associated acute respiratory failure: mortality, clinical response and radiological characteristics. BMC Pulmonary Medicine, 2021, 21, 249.	2.0	1
48	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.	1.0	30
49	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.	2.2	23
50	Differential effects of speed and volume on transfusionâ€associated circulatory overload: A randomized study in rats. Vox Sanguinis, 2021, , .	1.5	2
51	Machine learning methods for perioperative anesthetic management in cardiac surgery patients: a scoping review. Journal of Thoracic Disease, 2021, 13, 6976-6993.	1.4	5
52	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
53	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.	2.9	2
54	Response letter: In patients with massive pulmonary embolism, we think a combination of VA-ECMO and other therapies should be studied. Journal of Critical Care, 2021, 67, 225-225.	2.2	0

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55	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.	0.6	4
56	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
57	Red blood cell transfusion results in adhesion of neutrophils in human endotoxemia and in critically ill patients with sepsis. Transfusion, 2020, 60, 294-302.	1.6	5
58	Viral presence and immunopathology in patients with lethal COVID-19: a prospective autopsy cohort study. Lancet Microbe, The, 2020, 1, e290-e299.	7.3	422
59	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.	3.9	148
60	A Higher Fluid Balance in the Days After Septic Shock Reversal Is Associated With Increased Mortality: An Observational Cohort Study. , 2020, 2, e0219.		15
61	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.	1.0	3
62	Biomarkers for the prediction of venous thromboembolism in critically ill COVID-19 patients. Thrombosis Research, 2020, 196, 308-312.	1.7	52
63	Pre-PCI versus immediate post-PCI Impella initiation in acute myocardial infarction complicated by cardiogenic shock. PLoS ONE, 2020, 15, e0235762.	2.5	14
64	Transfusion in critical care: Past, present and future. Transfusion Medicine, 2020, 30, 418-432.	1.1	6
65	Transfusion in the mechanically ventilated patient. Intensive Care Medicine, 2020, 46, 2450-2457.	8.2	16
66	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.	1.7	24
67	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.	0.8	61
68	Coronary Angiography After Cardiac Arrest Without ST Segment Elevation. JAMA Cardiology, 2020, 5, 1358.	6.1	65
69	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.	1.1	9
70	Reducing Intraoperative Hypotension Using a Machine Learningâ€"Derived Early Warning Systemâ€"Reply. JAMA - Journal of the American Medical Association, 2020, 324, 807.	7.4	0
71	Colloid osmotic pressure of contemporary and novel transfusion products. Vox Sanguinis, 2020, 115, 664-675.	1.5	8
72	Data on sex differences in one-year outcomes of out-of-hospital cardiac arrest patients without ST-segment elevation. Data in Brief, 2020, 33, 106521.	1.0	0

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73	Update for Anaesthetists on Clinical Features of COVID-19 Patients and Relevant Management. Journal of Clinical Medicine, 2020, 9, 1495.	2.4	10
74	Incidence of venous thromboembolism in hospitalized patients with COVIDâ€19. Journal of Thrombosis and Haemostasis, 2020, 18, 1995-2002.	3.8	1,227
75	Subphenotyping Acute Respiratory Distress Syndrome in Patients with COVID-19: Consequences for Ventilator Management. Annals of the American Thoracic Society, 2020, 17, 1161-1163.	3.2	79
76	ICU capacity management during the COVID-19 pandemic using a process simulation. Intensive Care Medicine, 2020, 46, 1624-1626.	8.2	52
77	Double-Hitâ€"Induced Leukocyte Extravasation Driven by Endothelial Adherens Junction Destabilization. Journal of Immunology, 2020, 205, 511-520.	0.8	6
78	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.	12.2	35
79	Vasopressors and Inotropes in Acute Myocardial Infarction Related Cardiogenic Shock: A Systematic Review and Meta-Analysis. Journal of Clinical Medicine, 2020, 9, 2051.	2.4	21
80	Defining human mean circulatory filling pressure in the intensive care unit. Journal of Applied Physiology, 2020, 129, 311-316.	2.5	4
81	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.	7.4	273
82	Guidelines seek unbiased recommendations. Intensive Care Medicine, 2020, 46, 1065-1069.	8.2	1
83	Bleeding assessment and bleeding severity in thrombocytopenic patients undergoing invasive procedures. Transfusion, 2020, 60, 637-649.	1.6	7
84	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.	2.1	4
85	Biotinylation of platelets for transfusion purposes a novel method to label platelets in a closed system. Transfusion, 2019, 59, 2964-2973.	1.6	7
86	Patient blood management in the cardiac surgical setting: An updated overview. Transfusion and Apheresis Science, 2019, 58, 397-407.	1.0	11
87	The Role of Complement in Transfusion-Related Acute Lung Injury. Transfusion Medicine Reviews, 2019, 33, 236-242.	2.0	23
88	Cumulative fluid balance predicts mortality and increases time on mechanical ventilation in ARDS patients: An observational cohort study. PLoS ONE, 2019, 14, e0224563.	2.5	60
89	An update of the transfusion-related acute lung injury (TRALI) definition. Transfusion and Apheresis Science, 2019, 58, 632-633.	1.0	5
90	Volume incompliance and transfusion are essential for transfusionâ€associated circulatory overload: a novel animal model. Transfusion, 2019, 59, 3617-3627.	1.6	11

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91	Transfusion practice in the non-bleeding critically ill: an international online surveyâ€"the TRACE survey. Critical Care, 2019, 23, 309.	5.8	42
92	International point prevalence study of Intensive Care Unit transfusion practicesâ€"Pilot study in the Netherlands. Transfusion Clinique Et Biologique, 2019, 26, 202-208.	0.4	2
93	Reducing errors in the administration of medication with infusion pumps in the intensive care department: A lean approach. SAGE Open Medicine, 2019, 7, 205031211882262.	1.8	5
94	An update of the transfusion-related acute lung injury (TRALI) definition. Transfusion Clinique Et Biologique, 2019, 26, 354-356.	0.4	7
95	A consensus redefinition of transfusionâ€related acute lung injury. Transfusion, 2019, 59, 2465-2476.	1.6	120
96	Coronary Angiography after Cardiac Arrest without ST-Segment Elevation. New England Journal of Medicine, 2019, 380, 1397-1407.	27.0	373
97	Transfusion-Associated Circulatory Overload: A Clinical Perspective. Transfusion Medicine Reviews, 2019, 33, 69-77.	2.0	41
98	Intersection Between Complement and Transfusion Medicine. Transfusion Medicine Reviews, 2019, 33, 197-198.	2.0	0
99	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.	0.9	27
100	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.	2.7	38
101	Transfusionâ€associated circulatory overloadâ€"a systematic review of diagnostic biomarkers. Transfusion, 2019, 59, 795-805.	1.6	22
102	An update of the transfusion-related acute lung injury (TRALI) definition. Turkish Journal of Haematology, 2019, 36, 282-283.	0.5	2
103	Title is missing!. , 2019, 14, e0224563.		0
104	Title is missing!. , 2019, 14, e0224563.		0
105	Title is missing!. , 2019, 14, e0224563.		0
106	Title is missing!. , 2019, 14, e0224563.		0
107	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.	2.5	13
108	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.	1.6	7

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109	A method for red blood cell biotinylation in a closed system. Transfusion, 2018, 58, 896-904.	1.6	12
110	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.	1.6	40
111	Prophylactic platelet transfusion prior to central venous catheter placement in patients with thrombocytopenia: study protocol for a randomised controlled trial. Trials, 2018, 19, 127.	1.6	16
112	Cost-effectiveness in extracorporeal life support in critically ill adults in the Netherlands. BMC Health Services Research, 2018, 18, 172.	2.2	8
113	The First Steps in Understanding of Transfusion-Associated Circulatory Overloadâ€"We Are on a â€œRollâ€•. Critical Care Medicine, 2018, 46, 650-651.	0.9	1
114	Transfusion-associated circulatory overload: A survey among Dutch intensive care fellows. Transfusion Clinique Et Biologique, 2018, 25, 19-25.	0.4	4
115	The role of endothelium in the onset of antibody-mediated TRALI. Blood Reviews, 2018, 32, 1-7.	5.7	17
116	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.	1.6	16
117	Improving peripheral intravenous catheter failure rates. Lancet, The, 2018, 392, 366-367.	13.7	10
118	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.	4.6	47
119	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
120	Reporting transfusion-related acute lung injury by clinical and preclinical disciplines. Blood Transfusion, 2018, 16, 227-234.	0.4	5
121	The impact of changes in intensive care organization on patient outcome and cost-effectivenessâ€"a narrative review. Journal of Intensive Care, 2017, 5, 13.	2.9	33
122	Neutrophil subset responses in infants with severe viral respiratory infection. Clinical Immunology, 2017, 176, 100-106.	3.2	52
123	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.	1.6	16
124	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.	3.0	12
125	Transfusion of 35â€dayâ€stored red blood cells does not alter lipopolysaccharide tolerance during human endotoxemia. Transfusion, 2017, 57, 1359-1368.	1.6	6
126	Central venous catheter placement in coagulopathic patients: risk factors and incidence of bleeding complications. Transfusion, 2017, 57, 2512-2525.	1.6	46

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127	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.	2.5	12
128	Possible TRALI is a real entity. Transfusion, 2017, 57, 2539-2541.	1.6	13
129	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
130	Platelet-independent adhesion of calcium-loaded erythrocytes to von Willebrand factor. PLoS ONE, 2017, 12, e0173077.	2.5	17
131	Transfusion and Acute Respiratory Distress Syndrome: Pathogenesis and Potential Mechanisms. Respiratory Medicine, 2017, , 193-211.	0.1	0
132	Underdiagnosing of antibodyâ€mediated transfusionâ€related acute lung injury: evaluation of cellularâ€based versus beadâ€based techniques. Vox Sanguinis, 2016, 111, 71-78.	1.5	12
133	Haematological malignancy in the intensive care unit: microbiology results and mortality. European Journal of Haematology, 2016, 97, 271-277.	2.2	6
134	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
135	Glucoseâ€6â€phosphate dehydrogenase activity decreases during storage of leukoreduced red blood cells. Transfusion, 2016, 56, 427-432.	1.6	33
136	Redefining transfusionâ€related acute lung injury: don't throw the baby out with the bathwater. Transfusion, 2016, 56, 2384-2388.	1.6	11
137	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.	1.6	14
138	HECTD2 one step closer to understand susceptibility for acute respiratory disease syndrome?. Annals of Translational Medicine, 2016, 4, 528-528.	1.7	0
139	Antibodyâ€mediated transfusionâ€related acute lung injury; from discovery to prevention. British Journal of Haematology, 2015, 170, 597-614.	2.5	83
140	Pathogenesis of non-antibody mediated transfusion-related acute lung injury from bench to bedside. Blood Reviews, 2015, 29, 51-61.	5.7	71
141	Transfusion-Related Acute Lung Injury. , 2015, , 161-169.		2
142	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.	1.6	56
143	Recombinant Human Activated Protein C in the Treatment of Acute Respiratory Distress Syndrome: A Randomized Clinical Trial. PLoS ONE, 2014, 9, e90983.	2.5	32
144	Contribution of damage-associated molecular patterns to transfusion-related acute lung injury in cardiac surgery. Blood Transfusion, 2014, 12, 368-75.	0.4	9

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145	Soluble receptor for advanced glycation end products as an indicator of pulmonary vascular injury after cardiac surgery. BMC Pulmonary Medicine, 2013, 13, 76.	2.0	8
146	Transfusion-related acute lung injury: a clinical review. Lancet, The, 2013, 382, 984-994.	13.7	314
147	Nebulized Fibrinolytic Agents Improve Pulmonary Fibrinolysis but Not Inflammation in Rat Models of Direct and Indirect Acute Lung Injury. PLoS ONE, 2013, 8, e55262.	2.5	22
148	High Levels of S100A8/A9 Proteins Aggravate Ventilator-Induced Lung Injury via TLR4 Signaling. PLoS ONE, 2013, 8, e68694.	2.5	45
149	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.	1.1	3
150	Ventilator-induced Lung Injury Is Mediated by the NLRP3 Inflammasome. Anesthesiology, 2012, 116, 1104-1115.	2.5	118
151	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
152	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
153	Transfusion-related acute lung injury: Current understanding and preventive strategies. Transfusion Clinique Et Biologique, 2012, 19, 117-124.	0.4	36
154	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.	2.0	8
155	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
156	Editorial [Hot Topic: Preventive and Therapeutic Strategies for Transfusion-Related Acute Lung Injury]. Current Pharmaceutical Design, 2012, 18, 3235-3235.	1.9	1
157	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
158	Prevention of Immune-mediated Transfusion-related Acute Lung Injury; from Bloodbank to Patient. Current Pharmaceutical Design, 2012, 18, 3241-3248.	1.9	14
159	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
160	Correction of subclinical coagulation disorders before percutaneous dilatational tracheotomy. Blood Transfusion, 2012, 10, 213-20.	0.4	18
161	Blood transfusion during cardiac surgery is associated with inflammation and coagulation in the lung: a case control study. Critical Care, 2011, 15, R59.	5.8	50
162	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.	5.8	25

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163	Nebulized Anticoagulants Limit Coagulopathy But Not Inflammation in Pseudomonas aeruginosa-Induced Pneumonia in Rats. Shock, 2011, 36, 417-423.	2.1	13
164	Pulmonary Activation of Coagulation and Inhibition of Fibrinolysis After Burn Injuries and Inhalation Trauma. Journal of Trauma, 2011, 70, 1389-1397.	2.3	39
165	Transfusion-Related Risk of Secondary Bacterial Infections in Sepsis Patients. Shock, 2011, 35, 355-359.	2.1	52
166	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
167	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
168	Familial Brugada syndrome uncovered by hyperkalaemic diabetic ketoacidosis. Europace, 2011, 13, 1509-1510.	1.7	32
169	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.	1.1	7
170	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
171	Supernatant of stored platelets causes lung inflammation and coagulopathy in a novel in vivo transfusion model. Blood, 2010, 116, 1360-1368.	1.4	93
172	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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