

# Alexander P Vlaar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4049293/publications.pdf>

Version: 2024-02-01

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	The recipe for TACO: A narrative review on the pathophysiology and potential mitigation strategies of transfusion-associated circulatory overload. <i>Blood Reviews</i> , 2022, 52, 100891.	2.8	10
2	Executive summary of the artificial intelligence in surgery series. <i>Surgery</i> , 2022, 171, 1435-1439.	1.0	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. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 1397-1405.	0.7	10
4	Indoleamine 2,3-dioxygenase (IDO <sup>1</sup> ) and IDO <sup>2</sup> activity and severe course of COVID-19. <i>Journal of Pathology</i> , 2022, 256, 256-261.	2.1	26
5	Lipoprotein(a), venous thromboembolism and COVID-19: A pilot study. <i>Atherosclerosis</i> , 2022, 341, 43-49.	0.4	28
6	The anti-C5a antibody vilobelimab efficiently inhibits C5a in patients with severe COVID-19. <i>Clinical and Translational Science</i> , 2022, 15, 854-858.	1.5	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. <i>Nature Medicine</i> , 2022, 28, 39-50.	15.2	206
9	RBC Transfusion in Venovenous Extracorporeal Membrane Oxygenation: A Multicenter Cohort Study. <i>Critical Care Medicine</i> , 2022, 50, 224-234.	0.4	8
10	Reported transfusion-related acute lung injury associated with solvent/detergent plasma – A case series. <i>Transfusion</i> , 2022, 62, 594-599.	0.8	4
11	Cost Analysis From a Randomized Comparison of Immediate Versus Delayed Angiography After Cardiac Arrest. <i>Journal of the American Heart Association</i> , 2022, 11, e022238.	1.6	0
12	Transfusion practice in the bleeding critically ill: An international online survey – The TRACE <sup>2</sup> survey. <i>Transfusion</i> , 2022, 62, 324-335.	0.8	4
13	Endothelial cells of pulmonary origin display unique sensitivity to the bacterial endotoxin lipopolysaccharide. <i>Physiological Reports</i> , 2022, 10, e15271.	0.7	2
14	Incidence and risk factors of deep vein thrombosis after extracorporeal life support. <i>Artificial Organs</i> , 2022, , .	1.0	3
15	Bronchoscopic Intrapulmonary Recombinant Factor VIIa for Diffuse Alveolar Hemorrhage-induced Acute Respiratory Failure in MPO-ANCA Vasculitis: A Case Report. <i>The Journal of Critical Care Medicine</i> , 2022, 8, 123-125.	0.3	0
16	Storage of red blood cells in alkaline PAGGGM improves metabolism but has no effect on recovery after transfusion. <i>Blood Advances</i> , 2022, 6, 3899-3910.	2.5	7
17	Experimental Acute Lung Injury in Animals: With Age Comes Knowledge. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, , .	1.4	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. <i>Vox Sanguinis</i> , 2022, 117, 1035-1042.	0.7	3

#	ARTICLE	IF	CITATIONS
19	Reduced anticoagulation targets in extracorporeal life support (RATE): study protocol for a randomized controlled trial. <i>Trials</i> , 2022, 23, 405.	0.7	4
20	There Will be Blood - But Maybe Less with Prostaglandin E1. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, , .	2.5	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. <i>PLoS Medicine</i> , 2022, 19, e1003991.	3.9	75
22	Lung Microbiota of Critically Ill Patients with COVID-19 Are Associated with Nonresolving Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 846-856.	2.5	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. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2022, 11, 535-543.	0.4	2
24	The Effect of Intermittent versus Continuous Non-Invasive Blood Pressure Monitoring on the Detection of Intraoperative Hypotension, a Sub-Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 4083.	1.0	1
25	Prophylactic furosemide to prevent transfusion-associated circulatory overload: a randomized controlled study in rats. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
26	Treating critically ill anemic patients with erythropoietin: less is more. <i>Intensive Care Medicine</i> , 2021, 47, 256-257.	3.9	0
27	Blood Transfusion Threshold in Patients Receiving Extracorporeal Membrane Oxygenation Support for Cardiac and Respiratory Failureâ€™A Systematic Review and Meta-Analysis. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 1192-1202.	0.6	17
28	Sex differences in patients with out-of-hospital cardiac arrest without ST-segment elevation: A COACT trial substudy. <i>Resuscitation</i> , 2021, 158, 14-22.	1.3	5
29	Diaphragm Pathology in Critically Ill Patients With COVID-19 and Postmortem Findings From 3 Medical Centers. <i>JAMA Internal Medicine</i> , 2021, 181, 122.	2.6	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. <i>Surgery</i> , 2021, 169, 1300-1303.	1.0	18
31	Afucosylated IgG characterizes enveloped viral responses and correlates with COVID-19 severity. <i>Science</i> , 2021, 371, .	6.0	244
32	Ventilation management and clinical outcomes in invasively ventilated patients with COVID-19 (PROVENT-COVID): a national, multicentre, observational cohort study. <i>Lancet Respiratory Medicine</i> , 2021, 9, 139-148.	5.2	206
33	Continuous cuff pressure control: More highâ€™quality evidence is needed. <i>Nursing in Critical Care</i> , 2021, 26, 13-13.	1.1	1
34	Risk of Aerosol Formation During High-Flow Nasal Cannula Treatment in Critically Ill Subjects. <i>Respiratory Care</i> , 2021, 66, 891-896.	0.8	22
35	Efficacy matters: broadening complement inhibition in COVID-19 â€™ Authors' reply. <i>Lancet Rheumatology</i> , The, 2021, 3, e95-e96.	2.2	2
36	Clinical performance of a machine-learning algorithm to predict intra-operative hypotension with noninvasive arterial pressure waveforms. <i>European Journal of Anaesthesiology</i> , 2021, 38, 609-615.	0.7	13

#	ARTICLE	IF	CITATIONS
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. <i>Resuscitation</i> , 2021, 164, 93-100.	1.3	9
38	Coronavirus disease 2019 is associated with catheter-related thrombosis in critically ill patients: A multicenter case-control study. <i>Thrombosis Research</i> , 2021, 200, 87-90.	0.8	11
39	Extracorporeal Membrane Oxygenation in Patients With COVID-19: An International Multicenter Cohort Study. <i>Journal of Intensive Care Medicine</i> , 2021, 36, 910-917.	1.3	21
40	Complement inhibition in severe COVID-19 – Blocking C5a seems to be key. <i>EClinicalMedicine</i> , 2021, 35, 100722.	3.2	10
41	Hospital Costs of Extracorporeal Membrane Oxygenation in Adults: A Systematic Review. <i>Pharmacoeconomics - Open</i> , 2021, 5, 613-623.	0.9	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. <i>Journal of Clinical Medicine</i> , 2021, 10, 2047.	1.0	5
43	Clinical features and prognostic factors in Covid-19: A prospective cohort study. <i>EBioMedicine</i> , 2021, 67, 103378.	2.7	79
44	Intramuscular adipose tissue at level Th12 is associated with survival in COVID-19. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 823-827.	2.9	15
45	High titers and low fucosylation of early human anti-SARS-CoV-2 IgG promote inflammation by alveolar macrophages. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	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. <i>British Journal of Anaesthesia</i> , 2021, 127, 681-688.	1.5	25
47	Cyclophosphamide for interstitial lung disease-associated acute respiratory failure: mortality, clinical response and radiological characteristics. <i>BMC Pulmonary Medicine</i> , 2021, 21, 249.	0.8	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. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2021, 10, 1009-1015.	0.4	30
49	Survival of patients with acute pulmonary embolism treated with venoarterial extracorporeal membrane oxygenation: A systematic review and meta-analysis. <i>Journal of Critical Care</i> , 2021, 64, 245-254.	1.0	23
50	Differential effects of speed and volume on transfusion-associated circulatory overload: A randomized study in rats. <i>Vox Sanguinis</i> , 2021, , .	0.7	2
51	Machine learning methods for perioperative anesthetic management in cardiac surgery patients: a scoping review. <i>Journal of Thoracic Disease</i> , 2021, 13, 6976-6993.	0.6	5
52	Transfusion strategies in bleeding critically ill adults: a clinical practice guideline from the European Society of Intensive Care Medicine. <i>Intensive Care Medicine</i> , 2021, 47, 1368-1392.	3.9	45
53	Inflammatory biomarkers at hospital discharge are associated with readmission and death in patients hospitalized for COVID-19. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021, 40, 2677-2683.	1.3	2
54	Response letter: In patients with massive pulmonary embolism, we think a combination of VA-ECMO and other therapies should be studied. <i>Journal of Critical Care</i> , 2021, 67, 225-225.	1.0	0

#	ARTICLE	IF	CITATIONS
55	An Update of the Transfusion-Related Acute Lung Injury (TRALI): A Proposed Modified Definition and Classification Scheme Definition. <i>Indian Journal of Hematology and Blood Transfusion</i> , 2020, 36, 556-558.	0.3	4
56	Transfusion strategies in non-bleeding critically ill adults: a clinical practice guideline from the European Society of Intensive Care Medicine. <i>Intensive Care Medicine</i> , 2020, 46, 673-696.	3.9	108
57	Red blood cell transfusion results in adhesion of neutrophils in human endotoxemia and in critically ill patients with sepsis. <i>Transfusion</i> , 2020, 60, 294-302.	0.8	5
58	Viral presence and immunopathology in patients with lethal COVID-19: a prospective autopsy cohort study. <i>Lancet Microbe</i> , The, 2020, 1, e290-e299.	3.4	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. <i>Lancet Rheumatology</i> , The, 2020, 2, e764-e773.	2.2	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. <i>Transfusion and Apheresis Science</i> , 2020, 59, 102879.	0.5	3
62	Biomarkers for the prediction of venous thromboembolism in critically ill COVID-19 patients. <i>Thrombosis Research</i> , 2020, 196, 308-312.	0.8	52
63	Pre-PCI versus immediate post-PCI Impella initiation in acute myocardial infarction complicated by cardiogenic shock. <i>PLoS ONE</i> , 2020, 15, e0235762.	1.1	14
64	Transfusion in critical care: Past, present and future. <i>Transfusion Medicine</i> , 2020, 30, 418-432.	0.5	6
65	Transfusion in the mechanically ventilated patient. <i>Intensive Care Medicine</i> , 2020, 46, 2450-2457.	3.9	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. <i>Annals of Translational Medicine</i> , 2020, 8, 1251-1251.	0.7	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. <i>Journal of Immunology</i> , 2020, 205, 3491-3499.	0.4	61
68	Coronary Angiography After Cardiac Arrest Without ST Segment Elevation. <i>JAMA Cardiology</i> , 2020, 5, 1358.	3.0	65
69	Erythropoiesis-stimulating agents as replacement therapy for blood transfusions in critically ill patients with anaemia: A systematic review with meta-analysis. <i>Transfusion Medicine</i> , 2020, 30, 433-441.	0.5	9
70	Reducing Intraoperative Hypotension Using a Machine Learning "Derived Early Warning System" Reply. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 807.	3.8	0
71	Colloid osmotic pressure of contemporary and novel transfusion products. <i>Vox Sanguinis</i> , 2020, 115, 664-675.	0.7	8
72	Data on sex differences in one-year outcomes of out-of-hospital cardiac arrest patients without ST-segment elevation. <i>Data in Brief</i> , 2020, 33, 106521.	0.5	0

#	ARTICLE	IF	CITATIONS
73	Update for Anaesthetists on Clinical Features of COVID-19 Patients and Relevant Management. <i>Journal of Clinical Medicine</i> , 2020, 9, 1495.	1.0	10
74	Incidence of venous thromboembolism in hospitalized patients with COVID-19. <i>Journal of Thrombosis and Haemostasis</i> , 2020, 18, 1995-2002.	1.9	1,227
75	Subphenotyping Acute Respiratory Distress Syndrome in Patients with COVID-19: Consequences for Ventilator Management. <i>Annals of the American Thoracic Society</i> , 2020, 17, 1161-1163.	1.5	79
76	ICU capacity management during the COVID-19 pandemic using a process simulation. <i>Intensive Care Medicine</i> , 2020, 46, 1624-1626.	3.9	52
77	Double-Hit-Induced Leukocyte Extravasation Driven by Endothelial Adherens Junction Destabilization. <i>Journal of Immunology</i> , 2020, 205, 511-520.	0.4	6
78	Y-RNA subtype ratios in plasma extracellular vesicles are cell type-specific and are candidate biomarkers for inflammatory diseases. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1764213.	5.5	35
79	Vasopressors and Inotropes in Acute Myocardial Infarction Related Cardiogenic Shock: A Systematic Review and Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2020, 9, 2051.	1.0	21
80	Defining human mean circulatory filling pressure in the intensive care unit. <i>Journal of Applied Physiology</i> , 2020, 129, 311-316.	1.2	4
81	Effect of a Machine Learning-Derived Early Warning System for Intraoperative Hypotension vs Standard Care on Depth and Duration of Intraoperative Hypotension During Elective Noncardiac Surgery. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 1052.	3.8	273
82	Guidelines seek unbiased recommendations. <i>Intensive Care Medicine</i> , 2020, 46, 1065-1069.	3.9	1
83	Bleeding assessment and bleeding severity in thrombocytopenic patients undergoing invasive procedures. <i>Transfusion</i> , 2020, 60, 637-649.	0.8	7
84	The Effect of Washing of Stored Red Blood Cell Transfusion Units on Post Transfusion Recovery and Outcome in a Pneumosepsis Animal Model. <i>Shock</i> , 2020, 54, 794-801.	1.0	4
85	Biotinylation of platelets for transfusion purposes a novel method to label platelets in a closed system. <i>Transfusion</i> , 2019, 59, 2964-2973.	0.8	7
86	Patient blood management in the cardiac surgical setting: An updated overview. <i>Transfusion and Apheresis Science</i> , 2019, 58, 397-407.	0.5	11
87	The Role of Complement in Transfusion-Related Acute Lung Injury. <i>Transfusion Medicine Reviews</i> , 2019, 33, 236-242.	0.9	23
88	Cumulative fluid balance predicts mortality and increases time on mechanical ventilation in ARDS patients: An observational cohort study. <i>PLoS ONE</i> , 2019, 14, e0224563.	1.1	60
89	An update of the transfusion-related acute lung injury (TRALI) definition. <i>Transfusion and Apheresis Science</i> , 2019, 58, 632-633.	0.5	5
90	Volume noncompliance and transfusion are essential for transfusion-associated circulatory overload: a novel animal model. <i>Transfusion</i> , 2019, 59, 3617-3627.	0.8	11

#	ARTICLE	IF	CITATIONS
91	Transfusion practice in the non-bleeding critically ill: an international online survey—the TRACE survey. <i>Critical Care</i> , 2019, 23, 309.	2.5	42
92	International point prevalence study of Intensive Care Unit transfusion practices—Pilot study in the Netherlands. <i>Transfusion Clinique Et Biologique</i> , 2019, 26, 202-208.	0.2	2
93	Reducing errors in the administration of medication with infusion pumps in the intensive care department: A lean approach. <i>SAGE Open Medicine</i> , 2019, 7, 205031211882262.	0.7	5
94	An update of the transfusion-related acute lung injury (TRALI) definition. <i>Transfusion Clinique Et Biologique</i> , 2019, 26, 354-356.	0.2	7
95	A consensus redefinition of transfusion-related acute lung injury. <i>Transfusion</i> , 2019, 59, 2465-2476.	0.8	120
96	Coronary Angiography after Cardiac Arrest without ST-Segment Elevation. <i>New England Journal of Medicine</i> , 2019, 380, 1397-1407.	13.9	373
97	Transfusion-Associated Circulatory Overload: A Clinical Perspective. <i>Transfusion Medicine Reviews</i> , 2019, 33, 69-77.	0.9	41
98	Intersection Between Complement and Transfusion Medicine. <i>Transfusion Medicine Reviews</i> , 2019, 33, 197-198.	0.9	0
99	Long-Term Outcome of Patients With a Hematologic Malignancy and Multiple Organ Failure Admitted at the Intensive Care. <i>Critical Care Medicine</i> , 2019, 47, e120-e128.	0.4	27
100	Early initiation of extracorporeal life support in refractory out-of-hospital cardiac arrest: Design and rationale of the INCEPTION trial. <i>American Heart Journal</i> , 2019, 210, 58-68.	1.2	38
101	Transfusion-associated circulatory overload—a systematic review of diagnostic biomarkers. <i>Transfusion</i> , 2019, 59, 795-805.	0.8	22
102	An update of the transfusion-related acute lung injury (TRALI) definition. <i>Turkish Journal of Haematology</i> , 2019, 36, 282-283.	0.2	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. <i>British Journal of Haematology</i> , 2018, 181, 68-76.	1.2	13
108	Transfusion of autologous extracellular vesicles from stored red blood cells does not affect coagulation in a model of human endotoxemia. <i>Transfusion</i> , 2018, 58, 1486-1493.	0.8	7

#	ARTICLE	IF	CITATIONS
109	A method for red blood cell biotinylation in a closed system. <i>Transfusion</i> , 2018, 58, 896-904.	0.8	12
110	Incidence, risk factors, and outcome of transfusion-associated circulatory overload in a mixed intensive care unit population: a nested case-control study. <i>Transfusion</i> , 2018, 58, 498-506.	0.8	40
111	Prophylactic platelet transfusion prior to central venous catheter placement in patients with thrombocytopenia: study protocol for a randomised controlled trial. <i>Trials</i> , 2018, 19, 127.	0.7	16
112	Cost-effectiveness in extracorporeal life support in critically ill adults in the Netherlands. <i>BMC Health Services Research</i> , 2018, 18, 172.	0.9	8
113	The First Steps in Understanding of Transfusion-Associated Circulatory Overload "We Are on a Roll". <i>Critical Care Medicine</i> , 2018, 46, 650-651.	0.4	1
114	Transfusion-associated circulatory overload: A survey among Dutch intensive care fellows. <i>Transfusion Clinique Et Biologique</i> , 2018, 25, 19-25.	0.2	4
115	The role of endothelium in the onset of antibody-mediated TRALI. <i>Blood Reviews</i> , 2018, 32, 1-7.	2.8	17
116	Development, validation, and potential applications of biotinylated red blood cells for posttransfusion kinetics and other physiological studies: evidenced-based analysis and recommendations. <i>Transfusion</i> , 2018, 58, 2068-2081.	0.8	16
117	Improving peripheral intravenous catheter failure rates. <i>Lancet, The</i> , 2018, 392, 366-367.	6.3	10
118	Estimating mean circulatory filling pressure in clinical practice: a systematic review comparing three bedside methods in the critically ill. <i>Annals of Intensive Care</i> , 2018, 8, 73.	2.2	47
119	RELAX " REstricted versus Liberal positive end-expiratory pressure in patients without ARDS: protocol for a randomized controlled trial. <i>Trials</i> , 2018, 19, 272.	0.7	15
120	Reporting transfusion-related acute lung injury by clinical and preclinical disciplines. <i>Blood Transfusion</i> , 2018, 16, 227-234.	0.3	5
121	The impact of changes in intensive care organization on patient outcome and cost-effectiveness" a narrative review. <i>Journal of Intensive Care</i> , 2017, 5, 13.	1.3	33
122	Neutrophil subset responses in infants with severe viral respiratory infection. <i>Clinical Immunology</i> , 2017, 176, 100-106.	1.4	52
123	Antibodies to biotinylated red blood cells in adults and infants: improved detection, partial characterization, and dependence on red blood cell-biotin dose. <i>Transfusion</i> , 2017, 57, 1488-1496.	0.8	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. <i>Journal of Breath Research</i> , 2017, 11, 026003.	1.5	12
125	Transfusion of 35-day-stored red blood cells does not alter lipopolysaccharide tolerance during human endotoxemia. <i>Transfusion</i> , 2017, 57, 1359-1368.	0.8	6
126	Central venous catheter placement in coagulopathic patients: risk factors and incidence of bleeding complications. <i>Transfusion</i> , 2017, 57, 2512-2525.	0.8	46



#	ARTICLE	IF	CITATIONS
127	Comparison of Spectrophotometry, Chromate Inhibition, and Cytofluorometry Versus Gene Sequencing for Detection of Heterozygously Glucose-6-Phosphate Dehydrogenase-Deficient Females. <i>Journal of Histochemistry and Cytochemistry</i> , 2017, 65, 627-636.	1.3	12
128	Possible TRALI is a real entity. <i>Transfusion</i> , 2017, 57, 2539-2541.	0.8	13
129	Transfusion of 35-day stored red blood cells does not result in increase of plasma non-transferrin bound iron in human endotoxemia. <i>Transfusion</i> , 2017, 57, 53-59.	0.8	10
130	Platelet-independent adhesion of calcium-loaded erythrocytes to von Willebrand factor. <i>PLoS ONE</i> , 2017, 12, e0173077.	1.1	17
131	Transfusion and Acute Respiratory Distress Syndrome: Pathogenesis and Potential Mechanisms. <i>Respiratory Medicine</i> , 2017, , 193-211.	0.1	0
132	Underdiagnosing of antibody-mediated transfusion-related acute lung injury: evaluation of cellular-based versus bead-based techniques. <i>Vox Sanguinis</i> , 2016, 111, 71-78.	0.7	12
133	Haematological malignancy in the intensive care unit: microbiology results and mortality. <i>European Journal of Haematology</i> , 2016, 97, 271-277.	1.1	6
134	Transfusion of 35-Day Stored RBCs in the Presence of Endotoxemia Does Not Result in Lung Injury in Humans*. <i>Critical Care Medicine</i> , 2016, 44, e412-e419.	0.4	33
135	Glucose-6-phosphate dehydrogenase activity decreases during storage of leukoreduced red blood cells. <i>Transfusion</i> , 2016, 56, 427-432.	0.8	33
136	Redefining transfusion-related acute lung injury: don't throw the baby out with the bathwater. <i>Transfusion</i> , 2016, 56, 2384-2388.	0.8	11
137	Clearance of stored red blood cells is not increased compared with fresh red blood cells in a human endotoxemia model. <i>Transfusion</i> , 2016, 56, 1362-1369.	0.8	14
138	HECTD2 one step closer to understand susceptibility for acute respiratory disease syndrome?. <i>Annals of Translational Medicine</i> , 2016, 4, 528-528.	0.7	0
139	Antibody-mediated transfusion-related acute lung injury; from discovery to prevention. <i>British Journal of Haematology</i> , 2015, 170, 597-614.	1.2	83
140	Pathogenesis of non-antibody mediated transfusion-related acute lung injury from bench to bedside. <i>Blood Reviews</i> , 2015, 29, 51-61.	2.8	71
141	Transfusion-Related Acute Lung Injury. , 2015, , 161-169.		2
142	Low-risk transfusion-related acute lung injury donor strategies and the impact on the onset of transfusion-related acute lung injury: a meta-analysis. <i>Transfusion</i> , 2015, 55, 164-175.	0.8	56
143	Recombinant Human Activated Protein C in the Treatment of Acute Respiratory Distress Syndrome: A Randomized Clinical Trial. <i>PLoS ONE</i> , 2014, 9, e90983.	1.1	32
144	Contribution of damage-associated molecular patterns to transfusion-related acute lung injury in cardiac surgery. <i>Blood Transfusion</i> , 2014, 12, 368-75.	0.3	9

#	ARTICLE	IF	CITATIONS
145	Soluble receptor for advanced glycation end products as an indicator of pulmonary vascular injury after cardiac surgery. <i>BMC Pulmonary Medicine</i> , 2013, 13, 76.	0.8	8
146	Transfusion-related acute lung injury: a clinical review. <i>Lancet</i> , The, 2013, 382, 984-994.	6.3	314
147	Nebulized Fibrinolytic Agents Improve Pulmonary Fibrinolysis but Not Inflammation in Rat Models of Direct and Indirect Acute Lung Injury. <i>PLoS ONE</i> , 2013, 8, e55262.	1.1	22
148	High Levels of S100A8/A9 Proteins Aggravate Ventilator-Induced Lung Injury via TLR4 Signaling. <i>PLoS ONE</i> , 2013, 8, e68694.	1.1	45
149	Relative Tissue Factor Deficiency Attenuates Ventilator-Induced Coagulopathy but Does Not Protect against Ventilator-Induced Lung Injury in Mice. <i>Critical Care Research and Practice</i> , 2012, 2012, 1-10.	0.4	3
150	Ventilator-induced Lung Injury Is Mediated by the NLRP3 Inflammasome. <i>Anesthesiology</i> , 2012, 116, 1104-1115.	1.3	118
151	In the critically ill patient, diabetes predicts mortality independent of statin therapy but is not associated with acute lung injury. <i>Critical Care Medicine</i> , 2012, 40, 1835-1843.	0.4	27
152	Transfusion-related acute lung injury in cardiac surgery patients is characterized by pulmonary inflammation and coagulopathy. <i>Critical Care Medicine</i> , 2012, 40, 2813-2820.	0.4	68
153	Transfusion-related acute lung injury: Current understanding and preventive strategies. <i>Transfusion Clinique Et Biologique</i> , 2012, 19, 117-124.	0.2	36
154	Early intravenous unfractionated heparin and outcome in acute lung injury and acute respiratory distress syndrome – a retrospective propensity matched cohort study. <i>BMC Pulmonary Medicine</i> , 2012, 12, 43.	0.8	8
155	Pre-Treatment with Allopurinol or Uricase Attenuates Barrier Dysfunction but Not Inflammation during Murine Ventilator-Induced Lung Injury. <i>PLoS ONE</i> , 2012, 7, e50559.	1.1	22
156	Editorial [Hot Topic: Preventive and Therapeutic Strategies for Transfusion-Related Acute Lung Injury]. <i>Current Pharmaceutical Design</i> , 2012, 18, 3235-3235.	0.9	1
157	The effect of blood transfusion on pulmonary permeability in cardiac surgery patients: a prospective multicenter cohort study. <i>Transfusion</i> , 2012, 52, 82-90.	0.8	33
158	Prevention of Immune-mediated Transfusion-related Acute Lung Injury; from Bloodbank to Patient. <i>Current Pharmaceutical Design</i> , 2012, 18, 3241-3248.	0.9	14
159	The age of red blood cells is associated with bacterial infections in critically ill trauma patients. <i>Blood Transfusion</i> , 2012, 10, 290-5.	0.3	33
160	Correction of subclinical coagulation disorders before percutaneous dilatational tracheotomy. <i>Blood Transfusion</i> , 2012, 10, 213-20.	0.3	18
161	Blood transfusion during cardiac surgery is associated with inflammation and coagulation in the lung: a case control study. <i>Critical Care</i> , 2011, 15, R59.	2.5	50
162	Soluble urokinase-type plasminogen activator receptor levels in patients with burn injuries and inhalation trauma requiring mechanical ventilation: an observational cohort study. <i>Critical Care</i> , 2011, 15, R270.	2.5	25

#	ARTICLE	IF	CITATIONS
163	Nebulized Anticoagulants Limit Coagulopathy But Not Inflammation in Pseudomonas aeruginosa-Induced Pneumonia in Rats. Shock, 2011, 36, 417-423.	1.0	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.	1.0	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.	0.6	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.	0.8	37
168	Familial Brugada syndrome uncovered by hyperkalaemic diabetic ketoacidosis. Europace, 2011, 13, 1509-1510.	0.7	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.	0.4	7
170	Risk factors and outcome of transfusion-related acute lung injury in the critically ill: A nested case-control study*. Critical Care Medicine, 2010, 38, 771-778.	0.4	681
171	Supernatant of stored platelets causes lung inflammation and coagulopathy in a novel in vivo transfusion model. Blood, 2010, 116, 1360-1368.	0.6	93
172	Supernatant of Aged Erythrocytes Causes Lung Inflammation and Coagulopathy in a "Two-Hit" In Vivo Syngeneic Transfusion Model. Anesthesiology, 2010, 113, 92-103.	1.3	118
173	Mechanical ventilation aggravates transfusion-related acute lung injury induced by MHC-I class antibodies. Intensive Care Medicine, 2010, 36, 879-887.	3.9	56
174	The practice of reporting transfusion-related acute lung injury: a national survey among clinical and preclinical disciplines. Transfusion, 2010, 50, 443-451.	0.8	24
175	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
176	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
177	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
178	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
179	Histochemical Detection of Ischemia-Like Alterations Induced in Kidney Tissue in vitro " Different Sensitivity to Oxidant Stress of Glomerular ENTPD1 versus E5NT. Nephron Physiology, 2009, 111, p1-p8.	1.5	8
180	A survey of physicians' reasons to transfuse plasma and platelets in the critically ill: a prospective single-centre cohort study. Transfusion Medicine, 2009, 19, 207-212.	0.5	41

#	ARTICLE	IF	CITATIONS
181	Diagnosing acute lung injury in the critically ill: a national survey among critical care physicians. <i>Acta Anaesthesiologica Scandinavica</i> , 2009, 53, 1293-1299.	0.7	4
182	Mechanical ventilation using non-injurious ventilation settings causes lung injury in the absence of pre-existing lung injury in healthy mice. <i>Critical Care</i> , 2009, 13, R1.	2.5	203
183	Nebulized antithrombin limits bacterial outgrowth and lung injury in <i>Streptococcus pneumoniae</i> pneumonia in rats. <i>Critical Care</i> , 2009, 13, R145.	2.5	33
184	RECOMBINANT HUMAN SOLUBLE TUMOR NECROSIS FACTOR-ALPHA RECEPTOR FUSION PROTEIN PARTLY ATTENUATES VENTILATOR-INDUCED LUNG INJURY. <i>Shock</i> , 2009, 31, 262-266.	1.0	33
185	The Aged Erythrocyte: Key Player in Cancer Progression, but Also in Infectious and Respiratory Complications of Blood Transfusion?. <i>Anesthesiology</i> , 2009, 111, 444-444.	1.3	2
186	Determinants of transfusion decisions in a mixed medical-surgical intensive care unit: a prospective cohort study. <i>Blood Transfusion</i> , 2009, 7, 106-10.	0.3	9
187	Preventing TRALI: Ladies first, what follows?. <i>Critical Care Medicine</i> , 2008, 36, 3283-3284.	0.4	22
188	A Cross-Cultural Study of Pain Intensity in Egyptian and Dutch Women With Rheumatoid Arthritis. <i>Journal of Pain</i> , 2007, 8, 730-736.	0.7	26
189	Developing Specific Therapeutic Strategies for Transfusion-Related Acute Lung Injury. An Overview of Potentially Useful Animal Models. <i>Cardiovascular and Hematological Agents in Medicinal Chemistry</i> , 2007, 5, 319-326.	0.4	5
190	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. <i>Clinical Journal of Pain</i> , 2006, 22, 827-830.	0.8	17
191	ICU Capacity Management During the COVID-19 Pandemic Using a Stochastic Process Simulation. <i>SSRN Electronic Journal</i> , 0, , .	0.4	8