

Alexander P Vlaar

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

179
papers

5,500
citations

31
h-index

71
g-index

201
ext. papers

7,401
ext. citations

6.2
avg, IF

5.91
L-index

#	Paper	IF	Citations
179	The anti-C5a antibody vilobelimab efficiently inhibits C5a in patients with severe COVID-19.. <i>Clinical and Translational Science</i> , 2022 ,	4.9	5
178	Contribution of Coagulopathy on the Risk of Bleeding After Central Venous Catheter Placement in Critically Ill Thrombocytopenic Patients. 2022 , 4, e0621		
177	A guide to immunotherapy for COVID-19.. <i>Nature Medicine</i> , 2022 ,	50.5	27
176	RBC Transfusion in Venovenous Extracorporeal Membrane Oxygenation: A Multicenter Cohort Study.. <i>Critical Care Medicine</i> , 2022 , 50, 224-234	1.4	1
175	Reported transfusion-related acute lung injury associated with solvent/detergent plasma - A case series.. <i>Transfusion</i> , 2022 ,	2.9	1
174	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	6	
173	Endothelial cells of pulmonary origin display unique sensitivity to the bacterial endotoxin lipopolysaccharide.. <i>Physiological Reports</i> , 2022 , 10, e15271	2.6	
172	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	1.2	
171	Reduced anticoagulation targets in extracorporeal life support (RATE): study protocol for a randomized controlled trial.. <i>Trials</i> , 2022 , 23, 405	2.8	0
170	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	11.6	11
169	Transfusion-Associated Circulatory Overload 2022 , 120-129		
168	Transfusion-Related Acute Lung Injury (TRALI) 2022 , 130-144		
167	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	4	
166	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> , 2021 , 1	2	1
165	Indoleamine 2,3-dioxygenase (IDO)-1 and IDO-2 activity and severe course of COVID-19. <i>Journal of Pathology</i> , 2021 ,	9.4	4
164	Lipoprotein(a), venous thromboembolism and COVID-19: A pilot study.. <i>Atherosclerosis</i> , 2021 , 341, 43-49	3.1	7
163	Machine learning methods for perioperative anesthetic management in cardiac surgery patients: a scoping review.. <i>Journal of Thoracic Disease</i> , 2021 , 13, 6976-6993	2.6	0

162	The recipe for TACO: A narrative review on the pathophysiology and potential mitigation strategies of transfusion-associated circulatory overload. <i>Blood Reviews</i> , 2021 , 52, 100891	11.1	0
161	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	14.5	9
160	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	5.3	1
159	Clinical performance of a machine-learning algorithm to predict intra-operative hypotension with noninvasive arterial pressure waveforms: A cohort study. <i>European Journal of Anaesthesiology</i> , 2021 , 38, 609-615	2.3	2
158	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 ⁴		2
157	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	8.2	4
156	Extracorporeal Membrane Oxygenation in Patients With COVID-19: An International Multicenter Cohort Study. <i>Journal of Intensive Care Medicine</i> , 2021 , 36, 910-917	3.3	4
155	Complement inhibition in severe COVID-19 - Blocking C5a seems to be key. <i>EClinicalMedicine</i> , 2021 , 35, 100722	11.3	3
154	Hospital Costs of Extracorporeal Membrane Oxygenation in Adults: A Systematic Review. <i>PharmacoEconomics - Open</i> , 2021 , 5, 613-623	2.1	5
153	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,	5.1	2
152	Clinical features and prognostic factors in Covid-19: A prospective cohort study. <i>EBioMedicine</i> , 2021 , 67, 103378	8.8	21
151	Intramuscular adipose tissue at level Th12 is associated with survival in COVID-19. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021 , 12, 823	10.3	5
150	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,	17.5	54
149	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	5.4	3
148	Cyclophosphamide for interstitial lung disease-associated acute respiratory failure: mortality, clinical response and radiological characteristics. <i>BMC Pulmonary Medicine</i> , 2021 , 21, 249	3.5	0
147	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	4.3	6
146	Treating critically ill anemic patients with erythropoietin: less is more. <i>Intensive Care Medicine</i> , 2021 , 47, 256-257	14.5	
145	Blood Transfusion Threshold in Patients Receiving Extracorporeal Membrane Oxygenation Support for Cardiac and Respiratory Failure-A Systematic Review and Meta-Analysis. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021 , 35, 1192-1202	2.1	5

144	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	4	2
143	Diaphragm Pathology in Critically Ill Patients With COVID-19 and Postmortem Findings From 3 Medical Centers. <i>JAMA Internal Medicine</i> , 2021 , 181, 122-124	11.5	28
142	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	3.6	7
141	Afucosylated IgG characterizes enveloped viral responses and correlates with COVID-19 severity. <i>Science</i> , 2021 , 371,	33.3	98
140	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	35.1	101
139	Continuous cuff pressure control: More high-quality evidence is needed. <i>Nursing in Critical Care</i> , 2021 , 26, 13	2.7	1
138	Risk of Aerosol Formation During High-Flow Nasal Cannula Treatment in Critically Ill Subjects. <i>Respiratory Care</i> , 2021 , 66, 891-896	2.1	6
137	Efficacy matters: broadening complement inhibition in COVID-19 - AuthorsReply. <i>Lancet Rheumatology</i> , 2021 , 3, e95-e96	14.2	2
136	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	4	4
135	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	1.2	
134	Update for Anaesthetists on Clinical Features of COVID-19 Patients and Relevant Management. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	5
133	Incidence of venous thromboembolism in hospitalized patients with COVID-19. <i>Journal of Thrombosis and Haemostasis</i> , 2020 , 18, 1995-2002	15.4	818
132	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	4.7	57
131	ICU capacity management during the COVID-19 pandemic using a process simulation. <i>Intensive Care Medicine</i> , 2020 , 46, 1624-1626	14.5	23
130	Double-Hit-Induced Leukocyte Extravasation Driven by Endothelial Adherens Junction Destabilization. <i>Journal of Immunology</i> , 2020 , 205, 511-520	5.3	3
129	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	16.4	20
128	Vasopressors and Inotropes in Acute Myocardial Infarction Related Cardiogenic Shock: A Systematic Review and Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	7
127	Defining human mean circulatory filling pressure in the intensive care unit. <i>Journal of Applied Physiology</i> , 2020 , 129, 311-316	3.7	

126	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: The HYPE Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 323, 1052-1060	27.4	99
125	Guidelines seek unbiased recommendations. <i>Intensive Care Medicine</i> , 2020 , 46, 1065-1069	14.5	1
124	Bleeding assessment and bleeding severity in thrombocytopenic patients undergoing invasive procedures. <i>Transfusion</i> , 2020 , 60, 637-649	2.9	3
123	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	3.4	
122	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	14.5	34
121	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	2.9	1
120	Viral presence and immunopathology in patients with lethal COVID-19: a prospective autopsy cohort study. <i>Lancet Microbe, The</i> , 2020 , 1, e290-e299	22.2	245
119	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, The</i> , 2020 , 2, e764-e773	14.2	83
118	A Higher Fluid Balance in the Days After Septic Shock Reversal Is Associated With Increased Mortality: An Observational Cohort Study 2020 , 2, e0219		8
117	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	2.4	2
116	Biomarkers for the prediction of venous thromboembolism in critically ill COVID-19 patients. <i>Thrombosis Research</i> , 2020 , 196, 308-312	8.2	29
115	Pre-PCI versus immediate post-PCI Impella initiation in acute myocardial infarction complicated by cardiogenic shock. <i>PLoS ONE</i> , 2020 , 15, e0235762	3.7	5
114	Transfusion in critical care: Past, present and future. <i>Transfusion Medicine</i> , 2020 , 30, 418-432	1.3	1
113	Transfusion in the mechanically ventilated patient. <i>Intensive Care Medicine</i> , 2020 , 46, 2450-2457	14.5	9
112	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	3.2	14
111	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	5.3	26
110	Coronary Angiography After Cardiac Arrest Without ST Segment Elevation: One-Year Outcomes of the COACT Randomized Clinical Trial. <i>JAMA Cardiology</i> , 2020 , 5, 1358-1365	16.2	14
109	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	1.3	2

108	Reducing Intraoperative Hypotension Using a Machine Learning-Derived Early Warning System-Reply. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 324, 807-808	27.4	
107	Colloid osmotic pressure of contemporary and novel transfusion products. <i>Vox Sanguinis</i> , 2020 , 115, 664-675	3.1	2
106	Transfusion practice in the non-bleeding critically ill: an international online survey-the TRACE survey. <i>Critical Care</i> , 2019 , 23, 309	10.8	21
105	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	1.9	1
104	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, 2050312118822629	2.4	3
103	An update of the transfusion-related acute lung injury (TRALI) definition. <i>Transfusion Clinique Et Biologique</i> , 2019 , 26, 354-356	1.9	3
102	A consensus redefinition of transfusion-related acute lung injury. <i>Transfusion</i> , 2019 , 59, 2465-2476	2.9	68
101	Coronary Angiography after Cardiac Arrest without ST-Segment Elevation. <i>New England Journal of Medicine</i> , 2019 , 380, 1397-1407	59.2	192
100	Transfusion-Associated Circulatory Overload: A Clinical Perspective. <i>Transfusion Medicine Reviews</i> , 2019 , 33, 69-77	7.4	21
99	Biotinylation of platelets for transfusion purposes a novel method to label platelets in a closed system. <i>Transfusion</i> , 2019 , 59, 2964-2973	2.9	3
98	Patient blood management in the cardiac surgical setting: An updated overview. <i>Transfusion and Apheresis Science</i> , 2019 , 58, 397-407	2.4	5
97	The Role of Complement in Transfusion-Related Acute Lung Injury. <i>Transfusion Medicine Reviews</i> , 2019 , 33, 236-242	7.4	13
96	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	3.7	31
95	An update of the transfusion-related acute lung injury (TRALI) definition. <i>Transfusion and Apheresis Science</i> , 2019 , 58, 632-633	2.4	4
94	Volume incompliance and transfusion are essential for transfusion-associated circulatory overload: a novel animal model. <i>Transfusion</i> , 2019 , 59, 3617-3627	2.9	7
93	An Update of the Definition of Transfusion-Related Acute Lung Injury. <i>Turkish Journal of Haematology</i> , 2019 , 36, 282-283	0.9	1
92	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	1.4	14
91	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	4.9	20

90	Transfusion-associated circulatory overload-a systematic review of diagnostic biomarkers. <i>Transfusion</i> , 2019 , 59, 795-805	2.9	15
89	Cumulative fluid balance predicts mortality and increases time on mechanical ventilation in ARDS patients: An observational cohort study 2019 , 14, e0224563		
88	Cumulative fluid balance predicts mortality and increases time on mechanical ventilation in ARDS patients: An observational cohort study 2019 , 14, e0224563		
87	Cumulative fluid balance predicts mortality and increases time on mechanical ventilation in ARDS patients: An observational cohort study 2019 , 14, e0224563		
86	Cumulative fluid balance predicts mortality and increases time on mechanical ventilation in ARDS patients: An observational cohort study 2019 , 14, e0224563		
85	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	4.5	9
84	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	2.9	4
83	A method for red blood cell biotinylation in a closed system. <i>Transfusion</i> , 2018 , 58, 896-904	2.9	8
82	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	2.9	25
81	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	2.8	11
80	Cost-effectiveness in extracorporeal life support in critically ill adults in the Netherlands. <i>BMC Health Services Research</i> , 2018 , 18, 172	2.9	5
79	Improving peripheral intravenous catheter failure rates. <i>Lancet, The</i> , 2018 , 392, 366-367	4.0	5
78	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	8.9	23
77	RELAX - REstricted versus Liberal positive end-expiratory pressure in patients without ARDS: protocol for a randomized controlled trial. <i>Trials</i> , 2018 , 19, 272	2.8	8
76	Reporting transfusion-related acute lung injury by clinical and preclinical disciplines. <i>Blood Transfusion</i> , 2018 , 16, 227-234	3.6	4
75	Transfusion-associated circulatory overload: A survey among Dutch intensive care fellows. <i>Transfusion Clinique Et Biologique</i> , 2018 , 25, 19-25	1.9	1
74	The role of endothelium in the onset of antibody-mediated TRALI. <i>Blood Reviews</i> , 2018 , 32, 1-7	11.1	13
73	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	2.9	4

72	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	7	18
71	Neutrophil subset responses in infants with severe viral respiratory infection. <i>Clinical Immunology</i> , 2017 , 176, 100-106	9	40
70	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	2.9	10
69	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	3.1	7
68	Transfusion of 35-day-stored red blood cells does not alter lipopolysaccharide tolerance during human endotoxemia. <i>Transfusion</i> , 2017 , 57, 1359-1368	2.9	6
67	Platelet-independent adhesion of calcium-loaded erythrocytes to von Willebrand factor. <i>PLoS ONE</i> , 2017 , 12, e0173077	3.7	7
66	Central venous catheter placement in coagulopathic patients: risk factors and incidence of bleeding complications. <i>Transfusion</i> , 2017 , 57, 2512-2525	2.9	19
65	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	3.4	7
64	Possible TRALI is a real entity. <i>Transfusion</i> , 2017 , 57, 2539-2541	2.9	11
63	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	2.9	8
62	Transfusion and Acute Respiratory Distress Syndrome: Pathogenesis and Potential Mechanisms. <i>Respiratory Medicine</i> , 2017 , 193-211	0.2	
61	Redefining transfusion-related acute lung injury: don't throw the baby out with the bathwater. <i>Transfusion</i> , 2016 , 56, 2384-8	2.9	10
60	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, 1362-9	2.9	13
59	HECTD2 one step closer to understand susceptibility for acute respiratory disease syndrome?. <i>Annals of Translational Medicine</i> , 2016 , 4, 528	3.2	
58	Underdiagnosing of antibody-mediated transfusion-related acute lung injury: evaluation of cellular-based versus bead-based techniques. <i>Vox Sanguinis</i> , 2016 , 111, 71-8	3.1	10
57	Haematological malignancy in the intensive care unit: microbiology results and mortality. <i>European Journal of Haematology</i> , 2016 , 97, 271-7	3.8	5
56	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, e412-9	1.4	30
55	Glucose-6-phosphate dehydrogenase activity decreases during storage of leukoreduced red blood cells. <i>Transfusion</i> , 2016 , 56, 427-32	2.9	17

54	Transfusion-Related Acute Lung Injury 2015 , 161-169		0
53	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, 164-75	2.9	42
52	Antibody-mediated transfusion-related acute lung injury; from discovery to prevention. <i>British Journal of Haematology</i> , 2015 , 170, 597-614	4.5	69
51	Pathogenesis of non-antibody mediated transfusion-related acute lung injury from bench to bedside. <i>Blood Reviews</i> , 2015 , 29, 51-61	11.1	52
50	Recombinant human activated protein C in the treatment of acute respiratory distress syndrome: a randomized clinical trial. <i>PLoS ONE</i> , 2014 , 9, e90983	3.7	28
49	Contribution of damage-associated molecular patterns to transfusion-related acute lung injury in cardiac surgery. <i>Blood Transfusion</i> , 2014 , 12, 368-75	3.6	5
48	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	3.5	8
47	Transfusion-related acute lung injury: a clinical review. <i>Lancet, The</i> , 2013 , 382, 984-94	4.0	238
46	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	3.7	15
45	High levels of S100A8/A9 proteins aggravate ventilator-induced lung injury via TLR4 signaling. <i>PLoS ONE</i> , 2013 , 8, e68694	3.7	31
44	Transfusion-related acute lung injury: Current understanding and preventive strategies. <i>Transfusion Clinique Et Biologique</i> , 2012 , 19, 117-24	1.9	28
43	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	3.5	7
42	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	3.7	20
41	The effect of blood transfusion on pulmonary permeability in cardiac surgery patients: a prospective multicenter cohort study. <i>Transfusion</i> , 2012 , 52, 82-90	2.9	27
40	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, 130410	1.5	3
39	Ventilator-induced lung injury is mediated by the NLRP3 inflammasome. <i>Anesthesiology</i> , 2012 , 116, 1104-15	4.5	98
38	In the critically ill patient, diabetes predicts mortality independent of statin therapy but is not associated with acute lung injury: a cohort study. <i>Critical Care Medicine</i> , 2012 , 40, 1835-43	1.4	19
37	Transfusion-related acute lung injury in cardiac surgery patients is characterized by pulmonary inflammation and coagulopathy: a prospective nested case-control study. <i>Critical Care Medicine</i> , 2012 , 40, 2813-20	1.4	55

36	Prevention of immune-mediated transfusion-related acute lung injury; from bloodbank to patient. <i>Current Pharmaceutical Design</i> , 2012 , 18, 3241-8	3.3	11
35	The age of red blood cells is associated with bacterial infections in critically ill trauma patients. <i>Blood Transfusion</i> , 2012 , 10, 290-5	3.6	29
34	Correction of subclinical coagulation disorders before percutaneous dilatational tracheotomy. <i>Blood Transfusion</i> , 2012 , 10, 213-20	3.6	17
33	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	10.8	21
32	Nebulized anticoagulants limit coagulopathy but not inflammation in pseudomonas aeruginosa-induced pneumonia in rats. <i>Shock</i> , 2011 , 36, 417-23	3.4	10
31	Pulmonary activation of coagulation and inhibition of fibrinolysis after burn injuries and inhalation trauma. <i>Journal of Trauma</i> , 2011 , 70, 1389-97		32
30	Transfusion-related risk of secondary bacterial infections in sepsis patients: a retrospective cohort study. <i>Shock</i> , 2011 , 35, 355-9	3.4	43
29	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. <i>Blood</i> , 2011 , 117, 4218-25	2.2	143
28	Accumulation of bioactive lipids during storage of blood products is not cell but plasma derived and temperature dependent. <i>Transfusion</i> , 2011 , 51, 2358-66	2.9	31
27	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	10.8	39
26	Familial Brugada syndrome uncovered by hyperkalaemic diabetic ketoacidosis. <i>Europace</i> , 2011 , 13, 1509-10	3.0	27
25	Plasminogen activator inhibitor-type I gene deficient mice show reduced influx of neutrophils in ventilator-induced lung injury. <i>Critical Care Research and Practice</i> , 2011 , 2011, 217896	1.5	6
24	Alveolar but not intravenous S-ketamine inhibits alveolar sodium transport and lung fluid clearance in rats. <i>Anesthesia and Analgesia</i> , 2010 , 111, 164-70	3.9	5
23	Nebulized anticoagulants limit pulmonary coagulopathy, but not inflammation, in a model of experimental lung injury. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2010 , 23, 105-11	3.8	31
22	Ventilation with lower tidal volumes as compared with conventional tidal volumes for patients without acute lung injury: a preventive randomized controlled trial. <i>Critical Care</i> , 2010 , 14, R1	10.8	319
21	Risk factors and outcome of transfusion-related acute lung injury in the critically ill: a nested case-control study. <i>Critical Care Medicine</i> , 2010 , 38, 771-8	1.4	649
20	Supernatant of stored platelets causes lung inflammation and coagulopathy in a novel in vivo transfusion model. <i>Blood</i> , 2010 , 116, 1360-8	2.2	80
19	Supernatant of aged erythrocytes causes lung inflammation and coagulopathy in a "two-hit" in vivo syngeneic transfusion model. <i>Anesthesiology</i> , 2010 , 113, 92-103	4.3	103

18	Mechanical ventilation aggravates transfusion-related acute lung injury induced by MHC-I class antibodies. <i>Intensive Care Medicine</i> , 2010 , 36, 879-87	14.5	46
17	The practice of reporting transfusion-related acute lung injury: a national survey among clinical and preclinical disciplines. <i>Transfusion</i> , 2010 , 50, 443-51	2.9	19
16	The divergent clinical presentations of transfusion-related acute lung injury illustrated by two case reports. <i>Medical Science Monitor</i> , 2010 , 16, CS129-34	3.2	5
15	Histochemical detection of ischemia-like alterations induced in kidney tissue in vitro--different sensitivity to oxidant stress of glomerular ENTPD1 versus E5NT. <i>Nephron Physiology</i> , 2009 , 111, p1-8		7
14	A survey of physicians Reasons to transfuse plasma and platelets in the critically ill: a prospective single-centre cohort study. <i>Transfusion Medicine</i> , 2009 , 19, 207-12	1.3	39
13	Diagnosing acute lung injury in the critically ill: a national survey among critical care physicians. <i>Acta Anaesthesiologica Scandinavica</i> , 2009 , 53, 1293-9	1.9	4
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11	Nebulized antithrombin limits bacterial outgrowth and lung injury in <i>Streptococcus pneumoniae</i> pneumonia in rats. <i>Critical Care</i> , 2009 , 13, R145	10.8	31
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8	The aged erythrocyte: key player in cancer progression, but also in infectious and respiratory complications of blood transfusion?. <i>Anesthesiology</i> , 2009 , 111, 444	4.3	1
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6	A cross-cultural study of pain intensity in Egyptian and Dutch women with rheumatoid arthritis. <i>Journal of Pain</i> , 2007 , 8, 730-6	5.2	21
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4	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, 827-30	3.5	13
3	ICU Capacity Management During the COVID-19 Pandemic Using a Stochastic Process Simulation. <i>SSRN Electronic Journal</i> ,	1	7
2	Anti-SARS-CoV-2 IgG from severely ill COVID-19 patients promotes macrophage hyper-inflammatory responses		30
1	Single-dose SARS-CoV-2 vaccine in a prospective cohort of COVID-19 patients		4

