

Markus Kredel

List of Publications by Citations

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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.

37
papers

1,719
citations

12
h-index

40
g-index

40
ext. papers

1,980
ext. citations

5.2
avg, IF

3.58
L-index

#	Paper	IF	Citations
37	A factorial trial of six interventions for the prevention of postoperative nausea and vomiting. <i>New England Journal of Medicine</i> , 2004 , 350, 2441-51	59.2	1078
36	Prolonged heparin-free extracorporeal membrane oxygenation in multiple injured acute respiratory distress syndrome patients with traumatic brain injury. <i>Journal of Trauma</i> , 2012 , 72, 1444-7		131
35	Whole-body multislice computed tomography as the first line diagnostic tool in patients with multiple injuries: the focus on time. <i>Journal of Trauma</i> , 2009 , 66, 658-65		128
34	Whole-body multislice computed tomography (MSCT) improves trauma care in patients requiring surgery after multiple trauma. <i>Emergency Medicine Journal</i> , 2011 , 28, 300-4	1.5	79
33	High-frequency oscillatory ventilation reduces lung inflammation: a large-animal 24-h model of respiratory distress. <i>Intensive Care Medicine</i> , 2007 , 33, 1423-33	14.5	39
32	Arteriovenous extracorporeal lung assist as integral part of a multimodal treatment concept: a retrospective analysis of 22 patients with ARDS refractory to standard care. <i>European Journal of Anaesthesiology</i> , 2008 , 25, 897-904	2.3	30
31	Effects of inhaled nitric oxide in COVID-19-induced ARDS - Is it worthwhile?. <i>Acta Anaesthesiologica Scandinavica</i> , 2021 , 65, 629-632	1.9	30
30	Application of standard operating procedures accelerates the process of trauma care in patients with multiple injuries. <i>European Journal of Emergency Medicine</i> , 2008 , 15, 311-7	2.3	21
29	Cerebral tissue oxygenation during the initiation of venovenous ECMO. <i>ASAIO Journal</i> , 2014 , 60, 694-700	3.6	19
28	Acute respiratory distress induced by repeated saline lavage provides stable experimental conditions for 24 hours in pigs. <i>Experimental Lung Research</i> , 2009 , 35, 222-33	2.3	18
27	Liver dysfunction after lung recruitment manoeuvres during pressure-controlled ventilation in experimental acute respiratory distress. <i>Critical Care</i> , 2007 , 11, R13	10.8	16
26	Sustained inflation and incremental mean airway pressure trial during conventional and high-frequency oscillatory ventilation in a large porcine model of acute respiratory distress syndrome. <i>BMC Anesthesiology</i> , 2006 , 6, 8	2.4	13
25	Extracorporeal lung assist might avoid invasive ventilation in exacerbation of COPD. <i>European Respiratory Journal</i> , 2012 , 40, 783-5	13.6	12
24	Early treatment with arteriovenous extracorporeal lung assist and high-frequency oscillatory ventilation in a case of severe acute respiratory distress syndrome. <i>Acta Anaesthesiologica Scandinavica</i> , 2007 , 51, 766-9	1.9	12
23	Comparison of arterial and central venous cannulations using ultrasound guidance in pigs. <i>Veterinary Anaesthesia and Analgesia</i> , 2008 , 35, 161-5	1.3	10
22	The contribution of arterio-venous extracorporeal lung assist to gas exchange in a porcine model of lavage-induced acute lung injury. <i>Perfusion (United Kingdom)</i> , 2006 , 21, 277-84	1.9	10
21	Combination of arteriovenous extracorporeal lung assist and high-frequency oscillatory ventilation in a porcine model of lavage-induced acute lung injury: a randomized controlled trial. <i>Journal of Trauma</i> , 2007 , 62, 336-46; discussion 345-6		9

20	Delayed systemic air embolism in a child with severe blunt chest trauma treated with high-frequency oscillatory ventilation. <i>Canadian Journal of Anaesthesia</i> , 2011 , 58, 555-9	3	8
19	Perioperative redistribution of regional ventilation and pulmonary function: a prospective observational study in two cohorts of patients at risk for postoperative pulmonary complications. <i>BMC Anesthesiology</i> , 2019 , 19, 132	2.4	5
18	High-frequency oscillation combined with arteriovenous extracorporeal lung assist reduces lung injury. <i>Experimental Lung Research</i> , 2010 , 36, 148-58	2.3	5
17	Arteriovenous Extracorporeal Lung Assist Allows For Maximization Of Oscillatory Frequencies: A Large-animal Model Of Respiratory Distress. <i>BMC Anesthesiology</i> , 2008 , 8, 7	2.4	5
16	Hepatic effects of lung-protective pressure-controlled ventilation and a combination of high-frequency oscillatory ventilation and extracorporeal lung assist in experimental lung injury. <i>Medical Science Monitor</i> , 2011 , 17, BR275-81	3.2	5
15	Combining "open-lung" ventilation and arteriovenous extracorporeal lung assist: influence of different tidal volumes on gas exchange in experimental lung failure. <i>Medical Science Monitor</i> , 2009 , 15, BR213-20	3.2	5
14	Arteriovenous extracorporeal lung assist and high frequency oscillatory ventilation in post-traumatic acute respiratory distress syndrome. <i>Journal of Trauma</i> , 2008 , 64, E65-8		4
13	High frequency oscillatory ventilation and prone positioning in a porcine model of lavage-induced acute lung injury. <i>BMC Anesthesiology</i> , 2006 , 6, 4	2.4	4
12	Redistribution of pulmonary ventilation after lung surgery detected with electrical impedance tomography. <i>Acta Anaesthesiologica Scandinavica</i> , 2020 , 64, 517-525	1.9	4
11	Acquired platelet GPVI receptor dysfunction in critically ill patients with sepsis. <i>Blood</i> , 2021 , 137, 3105-3115	1.5	4
10	Vaginal delivery in the 30+4 weeks of pregnancy and organ donation after brain death in early pregnancy. <i>BMJ Case Reports</i> , 2019 , 12,	0.9	3
9	Hepatic effects of an open lung strategy and cardiac output restoration in an experimental lung injury. <i>Acta Anaesthesiologica Scandinavica</i> , 2010 , 54, 632-42	1.9	3
8	Pulmonary effects of positive end-expiratory pressure and fluid therapy in experimental lung injury. <i>Experimental Lung Research</i> , 2011 , 37, 35-43	2.3	3
7	Dual-room twin-CT scanner in multiple trauma care: first results after implementation in a level one trauma centre. <i>European Journal of Trauma and Emergency Surgery</i> , 2021 , 47, 1847-1852	2.3	2
6	High-frequency oscillatory ventilation with and without arteriovenous extracorporeal lung assist in patients with severe respiratory failure. <i>Journal of Critical Care</i> , 2012 , 27, 182-91	4	1
5	Routine follow-up cranial computed tomography for deeply sedated, intubated, and ventilated multiple trauma patients with suspected severe head injury. <i>BioMed Research International</i> , 2014 , 2014, 361949	3	1
4	Kinetic therapy in ARDS patients treated with extracorporeal membrane oxygenation. <i>Perfusion (United Kingdom)</i> , 2012 , 27, 448-9	1.9	1
3	Extracorporeal Membrane Oxygenation for Critically Ill Patients with COVID-19-related Acute Respiratory Distress Syndrome: Worth the Effort!. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 1477-1479	10.2	1

- 2 Deviation of tracheal pressure from airway opening pressure during high-frequency oscillatory ventilation in a porcine lung model. *Experimental Lung Research*, **2013**, 39, 130-5 2.3
- 1 Mechanical Ventilation during Extracorporeal Support: The Relevance of Vt. *American Journal of Respiratory and Critical Care Medicine*, **2019**, 199, 930-931 10.2