Markus Kredel

List of Publications by Year in Descending Order

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	Dual-room twin-CT scanner in multiple trauma care: first results after implementation in a level one trauma centre. *European Journal of Trauma and Emergency Surgery*, **2021**, 47, 1847-1852	2.3	2
36	Acquired platelet GPVI receptor dysfunction in critically ill patients with sepsis. *Blood*, **2021**, 137, 3105-3115	17.5	4
35	Effects of inhaled nitric oxide in COVID-19-induced ARDS - Is it worthwhile?. *Acta Anaesthesiologica Scandinavica*, **2021**, 65, 629-632	1.9	30
34	Redistribution of pulmonary ventilation after lung surgery detected with electrical impedance tomography. *Acta Anaesthesiologica Scandinavica*, **2020**, 64, 517-525	1.9	4
33	Extracorporeal Membrane Oxygenation for Critically Ill Patients with COVID-19-related Acute Respiratory Distress Syndrome: Worth the Effort!. *American Journal of Respiratory and Critical Care Medicine*, **2020**, 202, 1477-1479	10.2	1
32	Perioperative redistribution of regional ventilation and pulmonary function: a prospective observational study in two cohorts of patients at risk for postoperative pulmonary complications. *BMC Anesthesiology*, **2019**, 19, 132	2.4	5
31	Vaginal delivery in the 30+4 weeks of pregnancy and organ donation after brain death in early pregnancy. *BMJ Case Reports*, **2019**, 12,	0.9	3
30	Mechanical Ventilation during Extracorporal Support: The Relevance of Vt. *American Journal of Respiratory and Critical Care Medicine*, **2019**, 199, 930-931	10.2	
29	Routine follow-up cranial computed tomography for deeply sedated, intubated, and ventilated multiple trauma patients with suspected severe head injury. *BioMed Research International*, **2014**, 2014, 361949	3	1
28	Cerebral tissue oxygenation during the initiation of venovenous ECMO. *ASAIO Journal*, **2014**, 60, 694-700	3.6	19
27	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	
26	High-frequency oscillatory ventilation with and without arteriovenous extracorporeal lung assist in patients with severe respiratory failure. *Journal of Critical Care*, **2012**, 27, 182-91	4	1
25	Extracorporeal lung assist might avoid invasive ventilation in exacerbation of COPD. *European Respiratory Journal*, **2012**, 40, 783-5	13.6	12
24	Kinetic therapy in ARDS patients treated with extracorporeal membrane oxygenation. *Perfusion (United Kingdom)*, **2012**, 27, 448-9	1.9	1
23	Prolonged heparin-free extracorporeal membrane oxygenation in multiple injured acute respiratory distress syndrome patients with traumatic brain injury. *Journal of Trauma*, **2012**, 72, 1444-7		131
22	Delayed systemic air embolism in a child with severe blunt chest trauma treated with high-frequency oscillatory ventilation. *Canadian Journal of Anaesthesia*, **2011**, 58, 555-9	3	8
21	Whole-body multislice computed tomography (MSCT) improves trauma care in patients requiring surgery after multiple trauma. *Emergency Medicine Journal*, **2011**, 28, 300-4	1.5	79

20	Pulmonary effects of positive end-expiratory pressure and fluid therapy in experimental lung injury. *Experimental Lung Research*, **2011**, 37, 35-43	2.3	3
19	Hepatic effects of lung-protective pressure-controlled ventilation and a combination of high-frequency oscillatory ventilation and extracorporeal lung assist in experimental lung injury. *Medical Science Monitor*, **2011**, 17, BR275-81	3.2	5
18	Hepatic effects of an open lung strategy and cardiac output restoration in an experimental lung injury. *Acta Anaesthesiologica Scandinavica*, **2010**, 54, 632-42	1.9	3
17	High-frequency oscillation combined with arteriovenous extracorporeal lung assist reduces lung injury. *Experimental Lung Research*, **2010**, 36, 148-58	2.3	5
16	Acute respiratory distress induced by repeated saline lavage provides stable experimental conditions for 24 hours in pigs. *Experimental Lung Research*, **2009**, 35, 222-33	2.3	18
15	Whole-body multislice computed tomography as the first line diagnostic tool in patients with multiple injuries: the focus on time. *Journal of Trauma*, **2009**, 66, 658-65		128
14	Combining "open-lung" ventilation and arteriovenous extracorporeal lung assist: influence of different tidal volumes on gas exchange in experimental lung failure. *Medical Science Monitor*, **2009**, 15, BR213-20	3.2	5
13	Comparison of arterial and central venous cannulations using ultrasound guidance in pigs. *Veterinary Anaesthesia and Analgesia*, **2008**, 35, 161-5	1.3	10
12	Arteriovenous extracorporeal lung assist as integral part of a multimodal treatment concept: a retrospective analysis of 22 patients with ARDS refractory to standard care. *European Journal of Anaesthesiology*, **2008**, 25, 897-904	2.3	30
11	Arteriovenous extracorporeal lung assist and high frequency oscillatory ventilation in post-traumatic acute respiratory distress syndrome. *Journal of Trauma*, **2008**, 64, E65-8		4
10	Application of standard operating procedures accelerates the process of trauma care in patients with multiple injuries. *European Journal of Emergency Medicine*, **2008**, 15, 311-7	2.3	21
9	Arteriovenous Extracorporeal Lung Assist Allows For Maximization Of Oscillatory Frequencies: A Large-animal Model Of Respiratory Distress. *BMC Anesthesiology*, **2008**, 8, 7	2.4	5
8	Liver dysfunction after lung recruitment manoeuvres during pressure-controlled ventilation in experimental acute respiratory distress. *Critical Care*, **2007**, 11, R13	10.8	16
7	Early treatment with arteriovenous extracorporeal lung assist and high-frequency oscillatory ventilation in a case of severe acute respiratory distress syndrome. *Acta Anaesthesiologica Scandinavica*, **2007**, 51, 766-9	1.9	12
6	High-frequency oscillatory ventilation reduces lung inflammation: a large-animal 24-h model of respiratory distress. *Intensive Care Medicine*, **2007**, 33, 1423-33	14.5	39
5	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. *Journal of Trauma*, **2007**, 62, 336-46; discussion 345-6		9
4	The contribution of arterio-venous extracorporeal lung assist to gas exchange in a porcine model of lavage-induced acute lung injury. *Perfusion (United Kingdom)*, **2006**, 21, 277-84	1.9	10
3	High frequency oscillatory ventilation and prone positioning in a porcine model of lavage-induced acute lung injury. *BMC Anesthesiology*, **2006**, 6, 4	2.4	4

2	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. *BMC Anesthesiology*, **2006**, 6, 8	2.4	13
1	A factorial trial of six interventions for the prevention of postoperative nausea and vomiting. *New England Journal of Medicine*, **2004**, 350, 2441-51	59.2	1078