

# Markus Kredel

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

2,196  
citations

623734

14  
h-index

315739

38  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1908  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Factorial Trial of Six Interventions for the Prevention of Postoperative Nausea and Vomiting. <i>New England Journal of Medicine</i> , 2004, 350, 2441-2451.	27.0	1,344
2	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, 1444-1447.	2.3	174
3	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, 658-665.	2.3	153
4	Whole-body multislice computed tomography (MSCT) improves trauma care in patients requiring surgery after multiple trauma. <i>Emergency Medicine Journal</i> , 2011, 28, 300-304.	1.0	95
5	Effects of inhaled nitric oxide in COVID-19-induced ARDS – Is it worthwhile?. <i>Acta Anaesthesiologica Scandinavica</i> , 2021, 65, 629-632.	1.6	61
6	High-frequency oscillatory ventilation reduces lung inflammation: a large-animal 24-h model of respiratory distress. <i>Intensive Care Medicine</i> , 2007, 33, 1423-1433.	8.2	48
7	Cerebral Tissue Oxygenation During the Initiation of Venovenous ECMO. <i>ASAIO Journal</i> , 2014, 60, 694-700.	1.6	35
8	Arteriovenous extracorporeal lung assist as integral part of a multimodal treatment concept. <i>European Journal of Anaesthesiology</i> , 2008, 25, 897-904.	1.7	31
9	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, 311-317.	1.1	30
10	ACUTE RESPIRATORY DISTRESS INDUCED BY REPEATED SALINE LAVAGE PROVIDES STABLE EXPERIMENTAL CONDITIONS FOR 24 HOURS IN PIGS. <i>Experimental Lung Research</i> , 2009, 35, 222-233.	1.2	23
11	Liver dysfunction after lung recruitment manoeuvres during pressure-controlled ventilation in experimental acute respiratory distress. <i>Critical Care</i> , 2007, 11, R13.	5.8	21
12	Acquired platelet GPVI receptor dysfunction in critically ill patients with sepsis. <i>Blood</i> , 2021, 137, 3105-3115.	1.4	18
13	Extracorporeal lung assist might avoid invasive ventilation in exacerbation of COPD: Table 1 –. <i>European Respiratory Journal</i> , 2012, 40, 783-785.	6.7	15
14	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.	1.8	14
15	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, 766-769.	1.6	14
16	Comparison of arterial and central venous cannulations using ultrasound guidance in pigs. <i>Veterinary Anaesthesia and Analgesia</i> , 2008, 35, 161-165.	0.6	12
17	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, 277-284.	1.0	10
18	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, 555-559.	1.6	10

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19	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, 336-346.	2.3	9
20	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.	1.8	9
21	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, e231601.	0.5	8
22	High-frequency oscillation combined with arteriovenous extracorporeal lung assist reduces lung injury. <i>Experimental Lung Research</i> , 2010, 36, 148-158.	1.2	7
23	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.	1.7	7
24	High frequency oscillatory ventilation and prone positioning in a porcine model of lavage-induced acute lung injury. <i>BMC Anesthesiology</i> , 2006, 6, 4.	1.8	5
25	Arteriovenous extracorporeal lung assist allows for maximization of oscillatory frequencies: a large-animal model of respiratory distress. <i>BMC Anesthesiology</i> , 2008, 8, 7.	1.8	5
26	Redistribution of pulmonary ventilation after lung surgery detected with electrical impedance tomography. <i>Acta Anaesthesiologica Scandinavica</i> , 2020, 64, 517-525.	1.6	5
27	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-BR281.	1.1	5
28	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.	1.1	5
29	Arteriovenous Extracorporeal Lung Assist and High Frequency Oscillatory Ventilation in Post-Traumatic Acute Respiratory Distress Syndrome. <i>Journal of Trauma</i> , 2008, 64, E65-E68.	2.3	4
30	Pulmonary effects of positive end-expiratory pressure and fluid therapy in experimental lung injury. <i>Experimental Lung Research</i> , 2011, 37, 35-43.	1.2	4
31	Hepatic effects of an open lung strategy and cardiac output restoration in an experimental lung injury. <i>Acta Anaesthesiologica Scandinavica</i> , 2010, 54, 632-642.	1.6	3
32	Personalized Antibiotic Therapy for the Critically Ill: Implementation Strategies and Effects on Clinical Outcome of Piperacillin Therapeutic Drug Monitoring – A Descriptive Retrospective Analysis. <i>Antibiotics</i> , 2021, 10, 1452.	3.7	3
33	Letter to the Editor: Kinetic therapy in ARDS patients treated with extracorporeal membrane oxygenation. <i>Perfusion (United Kingdom)</i> , 2012, 27, 448-449.	1.0	2
34	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, 1-6.	1.9	2
35	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.	5.6	2
36	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, 182-191.	2.2	1

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37	Mechanical Ventilation during Extracorporeal Support: The Relevance of $V_{t}$ . American Journal of Respiratory and Critical Care Medicine, 2019, 199, 930-931.	5.6	1
38	Deviation of tracheal pressure from airway opening pressure during high-frequency oscillatory ventilation in a porcine lung model. Experimental Lung Research, 2013, 39, 130-135.	1.2	0