Markus Castegren

List of Publications by Year
in descending order

34 papers	425 citations	840728 11 h-index	794568 19 g-index
38 all docs	38 docs citations	38 times ranked	521 citing authors

#	Article	IF	Citations
1	The global need for essential emergency and critical care. Critical Care, 2018, 22, 284.	5.8	83
2	Vital Signs Directed Therapy: Improving Care in an Intensive Care Unit in a Low-Income Country. PLoS ONE, 2015, 10, e0144801.	2.5	51
3	Single Deranged Physiologic Parameters Are Associated With Mortality in a Low-Income Country. Critical Care Medicine, 2015, 43, 2171-2179.	0.9	44
4	Severely deranged vital signs as triggers for acute treatment modifications on an intensive care unit in a low-income country. BMC Research Notes, 2015, 8, 313.	1.4	22
5	Unmet need of essential treatments for critical illness in Malawi. PLoS ONE, 2021, 16, e0256361.	2.5	21
6	Differences in Organ Dysfunction in Endotoxin-Tolerant Pigs Under Intensive Care Exposed to a Second Hit of Endotoxin. Shock, 2012, 37, 501-510.	2.1	18
7	Performance of plasma calprotectin as a biomarker of early sepsis: a pilot study. Biomarkers in Medicine, 2016, 10, 811-818.	1.4	18
8	Endotoxin Tolerance Variation over 24 h during Porcine Endotoxemia: Association with Changes in Circulation and Organ Dysfunction. PLoS ONE, 2013, 8, e53221.	2.5	16
9	Beneficial Antimicrobial Effect of the Addition of an Aminoglycoside to a Î²-Lactam Antibiotic in an E. coli Porcine Intensive Care Severe Sepsis Model. PLoS ONE, 2014, 9, e90441.	2.5	15
10	Effects of surgery and propofol-remifentanil total intravenous anesthesia on cerebrospinal fluid biomarkers of inflammation, Alzheimerâ€™s disease, and neuronal injury in humans: a cohort study. Journal of Neuroinflammation, 2017, 14, 193.	7.2	15
11	A non-linear mixed effect model for innate immune response: In vivo kinetics of endotoxin and its induction of the cytokines tumor necrosis factor alpha and interleukin-6. PLoS ONE, 2019, 14, e0211981.	2.5	15
12	Oxygen provision to severely ill COVID-19 patients at the peak of the 2020 pandemic in a Swedish district hospital. PLoS ONE, 2022, 17, e0249984.	2.5	11
13	Trainee Performance After Laparoscopic Simulator Training Using a Blackbox versus LapMentor. Journal of Surgical Research, 2020, 250, 1-11.	1.6	10
14	Lung Protective Ventilation Induces Immunotolerance and Nitric Oxide Metabolites in Porcine Experimental Postoperative Sepsis. PLoS ONE, 2013, 8, e83182.	2.5	8
15	Evaluating the effects of protective ventilation on organ-specific cytokine production in porcine experimental postoperative sepsis. BMC Pulmonary Medicine, 2015, 15, 60.	2.0	8
16	The Prevalence and Outcomes of Sepsis in Adult Patients in Two Hospitals in Malawi. American Journal of Tropical Medicine and Hygiene, 2020, 102, 896-901.	1.4	8
17	Validation and optimization of a predictive model for radiation pneumonitis in patients with lung cancer. Oncology Letters, 2016, 12, 1144-1148.	1.8	7
18	Dynamics of Endotoxin, Inflammatory Variables, and Organ Dysfunction After Treatment With Antibiotics in an Escherichia coli Porcine Intensive Care Sepsis Model. Critical Care Medicine, 2018, 46, e634-e641.	0.9	7

#	Article	IF	Citations
19	Resilient performance in healthcare during the COVID-19 pandemic (ResCOV): study protocol for a multilevel grounded theory study on adaptations, working conditions, ethics and patient safety. BMJ Open, 2021, 11, e051928.	1.9	7
20	T2Candida Assay in the Diagnosis of Intraabdominal Candidiasis: A Prospective Multicenter Study. Journal of Fungi (Basel, Switzerland), 2022, 8, 86.	3.5	6
21	Protective ventilation reduces Pseudomonas aeruginosa growth in lung tissue in a porcine pneumonia model. Intensive Care Medicine Experimental, 2017, 5, 40.	1.9	5
22	The impact of the systemic inflammatory response on hepatic bacterial elimination in experimental abdominal sepsis. Intensive Care Medicine Experimental, 2019, 7, 52.	1.9	4
23	Vital Signs Directed Therapy for the Critically Ill: Improved Adherence to the Treatment Protocol Two Years after Implementation in an Intensive Care Unit in Tanzania. Emergency Medicine International, 2020, 2020, 1-6.	0.8	4
24	The Contribution of Plasma Urea to Total Osmolality During Iatrogenic Fluid Reduction in Critically Ill Patients. Function, 2021, 3, zqab055.	2.3	4
25	Should the Aminoglycoside Î²-Lactam Combination Be Abandoned in All Severely Ill Patients With Presumed Gram-Negative Infection?. Clinical Infectious Diseases, 2018, 66, 480-482.	5.8	3
26	Validation of a Novel Needle Holder to Train Advanced Laparoscopy Skills to Novices in a Simulator Environment. Surgical Innovation, 2020, 27, 211-219.	0.9	3
27	Lung-protective ventilation increases cerebral metabolism and non-inflammatory brain injury in porcine experimental sepsis. BMC Neuroscience, 2021, 22, 31.	1.9	3
28	The Patientâ€™s Gender Influencing the Accuracy of Diagnosis and Proposed Sepsis Treatment in Constructed Cases. Emergency Medicine International, 2020, 2020, 1-7.	0.8	2
29	Pre-exposure to mechanical ventilation and endotoxemia increases Pseudomonas aeruginosa growth in lung tissue during experimental porcine pneumonia. PLoS ONE, 2020, 15, e0240753.	2.5	2
30	Lung-protective ventilation suppresses systemic and hepatic vein levels of cell-free DNA in porcine experimental post-operative sepsis. BMC Pulmonary Medicine, 2020, 20, 206.	2.0	1
31	Title is missing!. , 2020, 15, e0240753.		0
32	Title is missing!. , 2020, 15, e0240753.		0
33	Title is missing!. , 2020, 15, e0240753.		0
34	Title is missing!. , 2020, 15, e0240753.		0