

Markus Castegren

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.

35
papers

237
citations

9
h-index

14
g-index

38
ext. papers

328
ext. citations

3.8
avg, IF

2.92
L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 35 | T2Candida Assay in the Diagnosis of Intraabdominal Candidiasis: A Prospective Multicenter Study.. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022 , 8, | 5.6 | 2 |
| 34 | Oxygen provision to severely ill COVID-19 patients at the peak of the 2020 pandemic in a Swedish district hospital.. <i>PLoS ONE</i> , 2022 , 17, e0249984 | 3.7 | 0 |
| 33 | The Contribution of Plasma Urea to Total Osmolality During Iatrogenic Fluid Reduction in Critically Ill Patients.. <i>Function</i> , 2022 , 3, zqab055 | 6.1 | 2 |
| 32 | Lung-protective ventilation increases cerebral metabolism and non-inflammatory brain injury in porcine experimental sepsis. <i>BMC Neuroscience</i> , 2021 , 22, 31 | 3.2 | 1 |
| 31 | Unmet need of essential treatments for critical illness in Malawi. <i>PLoS ONE</i> , 2021 , 16, e0256361 | 3.7 | 3 |
| 30 | 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. <i>BMJ Open</i> , 2021 , 11, e051928 | 3 | 1 |
| 29 | Trainee Performance After Laparoscopic Simulator Training Using a Blackbox versus LapMentor. <i>Journal of Surgical Research</i> , 2020 , 250, 1-11 | 2.5 | 6 |
| 28 | Validation of a Novel Needle Holder to Train Advanced Laparoscopy Skills to Novices in a Simulator Environment. <i>Surgical Innovation</i> , 2020 , 27, 211-219 | 2 | 2 |
| 27 | 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. <i>Emergency Medicine International</i> , 2020 , 2020, 4819805 | 1.4 | 2 |
| 26 | Pre-exposure to mechanical ventilation and endotoxemia increases <i>Pseudomonas aeruginosa</i> growth in lung tissue during experimental porcine pneumonia. <i>PLoS ONE</i> , 2020 , 15, e0240753 | 3.7 | 1 |
| 25 | The Prevalence and Outcomes of Sepsis in Adult Patients in Two Hospitals in Malawi. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020 , 102, 896-901 | 3.2 | 3 |
| 24 | The Patient's Gender Influencing the Accuracy of Diagnosis and Proposed Sepsis Treatment in Constructed Cases. <i>Emergency Medicine International</i> , 2020 , 2020, 4823095 | 1.4 | 1 |
| 23 | Lung-protective ventilation suppresses systemic and hepatic vein levels of cell-free DNA in porcine experimental post-operative sepsis. <i>BMC Pulmonary Medicine</i> , 2020 , 20, 206 | 3.5 | 1 |
| 22 | Pre-exposure to mechanical ventilation and endotoxemia increases <i>Pseudomonas aeruginosa</i> growth in lung tissue during experimental porcine pneumonia 2020 , 15, e0240753 | | |
| 21 | Pre-exposure to mechanical ventilation and endotoxemia increases <i>Pseudomonas aeruginosa</i> growth in lung tissue during experimental porcine pneumonia 2020 , 15, e0240753 | | |
| 20 | Pre-exposure to mechanical ventilation and endotoxemia increases <i>Pseudomonas aeruginosa</i> growth in lung tissue during experimental porcine pneumonia 2020 , 15, e0240753 | | |
| 19 | Pre-exposure to mechanical ventilation and endotoxemia increases <i>Pseudomonas aeruginosa</i> growth in lung tissue during experimental porcine pneumonia 2020 , 15, e0240753 | | |

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| 18 | 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. <i>PLoS ONE</i> , 2019 , 14, e0211981 | 3.7 | 7 |
| 17 | The impact of the systemic inflammatory response on hepatic bacterial elimination in experimental abdominal sepsis. <i>Intensive Care Medicine Experimental</i> , 2019 , 7, 52 | 3.7 | 2 |
| 16 | Should the Aminoglycoside β -Lactam Combination Be Abandoned in All Severely Ill Patients With Presumed Gram-Negative Infection?. <i>Clinical Infectious Diseases</i> , 2018 , 66, 480-482 | 11.6 | 2 |
| 15 | Dynamics of Endotoxin, Inflammatory Variables, and Organ Dysfunction After Treatment With Antibiotics in an Escherichia coli Porcine Intensive Care Sepsis Model. <i>Critical Care Medicine</i> , 2018 , 46, e634-e641 | 1.4 | 3 |
| 14 | The global need for essential emergency and critical care. <i>Critical Care</i> , 2018 , 22, 284 | 10.8 | 35 |
| 13 | Effects of surgery and propofol-remifentanyl total intravenous anesthesia on cerebrospinal fluid biomarkers of inflammation, Alzheimer's disease, and neuronal injury in humans: a cohort study. <i>Journal of Neuroinflammation</i> , 2017 , 14, 193 | 10.1 | 9 |
| 12 | Protective ventilation reduces Pseudomonas aeruginosa growth in lung tissue in a porcine pneumonia model. <i>Intensive Care Medicine Experimental</i> , 2017 , 5, 40 | 3.7 | 5 |
| 11 | Validation and optimization of a predictive model for radiation pneumonitis in patients with lung cancer. <i>Oncology Letters</i> , 2016 , 12, 1144-1148 | 2.6 | 4 |
| 10 | Performance of plasma calprotectin as a biomarker of early sepsis: a pilot study. <i>Biomarkers in Medicine</i> , 2016 , 10, 811-8 | 2.3 | 11 |
| 9 | Severely deranged vital signs as triggers for acute treatment modifications on an intensive care unit in a low-income country. <i>BMC Research Notes</i> , 2015 , 8, 313 | 2.3 | 11 |
| 8 | Evaluating the effects of protective ventilation on organ-specific cytokine production in porcine experimental postoperative sepsis. <i>BMC Pulmonary Medicine</i> , 2015 , 15, 60 | 3.5 | 8 |
| 7 | Single Deranged Physiologic Parameters Are Associated With Mortality in a Low-Income Country. <i>Critical Care Medicine</i> , 2015 , 43, 2171-9 | 1.4 | 31 |
| 6 | Vital Signs Directed Therapy: Improving Care in an Intensive Care Unit in a Low-Income Country. <i>PLoS ONE</i> , 2015 , 10, e0144801 | 3.7 | 35 |
| 5 | Beneficial antimicrobial effect of the addition of an aminoglycoside to a β -lactam antibiotic in an E. coli porcine intensive care severe sepsis model. <i>PLoS ONE</i> , 2014 , 9, e90441 | 3.7 | 14 |
| 4 | Endotoxin tolerance variation over 24 h during porcine endotoxemia: association with changes in circulation and organ dysfunction. <i>PLoS ONE</i> , 2013 , 8, e53221 | 3.7 | 14 |
| 3 | Lung protective ventilation induces immunotolerance and nitric oxide metabolites in porcine experimental postoperative sepsis. <i>PLoS ONE</i> , 2013 , 8, e83182 | 3.7 | 7 |
| 2 | Differences in organ dysfunction in endotoxin-tolerant pigs under intensive care exposed to a second hit of endotoxin. <i>Shock</i> , 2012 , 37, 501-10 | 3.4 | 12 |
| 1 | Unmet need of essential treatments for critical illness in Malawi | | 2 |

