

# Markus Castegren

## 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.

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	Vital Signs Directed Therapy: Improving Care in an Intensive Care Unit in a Low-Income Country. <i>PLoS ONE</i> , <b>2015</b> , 10, e0144801	3.7	35
34	The global need for essential emergency and critical care. <i>Critical Care</i> , <b>2018</b> , 22, 284	10.8	35
33	Single Deranged Physiologic Parameters Are Associated With Mortality in a Low-Income Country. <i>Critical Care Medicine</i> , <b>2015</b> , 43, 2171-9	1.4	31
32	Beneficial antimicrobial effect of the addition of an aminoglycoside to a $\beta$ -lactam antibiotic in an E. coli porcine intensive care severe sepsis model. <i>PLoS ONE</i> , <b>2014</b> , 9, e90441	3.7	14
31	Endotoxin tolerance variation over 24 h during porcine endotoxemia: association with changes in circulation and organ dysfunction. <i>PLoS ONE</i> , <b>2013</b> , 8, e53221	3.7	14
30	Differences in organ dysfunction in endotoxin-tolerant pigs under intensive care exposed to a second hit of endotoxin. <i>Shock</i> , <b>2012</b> , 37, 501-10	3.4	12
29	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> , <b>2015</b> , 8, 313	2.3	11
28	Performance of plasma calprotectin as a biomarker of early sepsis: a pilot study. <i>Biomarkers in Medicine</i> , <b>2016</b> , 10, 811-8	2.3	11
27	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> , <b>2017</b> , 14, 193	10.1	9
26	Evaluating the effects of protective ventilation on organ-specific cytokine production in porcine experimental postoperative sepsis. <i>BMC Pulmonary Medicine</i> , <b>2015</b> , 15, 60	3.5	8
25	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> , <b>2019</b> , 14, e0211981	3.7	7
24	Lung protective ventilation induces immunotolerance and nitric oxide metabolites in porcine experimental postoperative sepsis. <i>PLoS ONE</i> , <b>2013</b> , 8, e83182	3.7	7
23	Trainee Performance After Laparoscopic Simulator Training Using a Blackbox versus LapMentor. <i>Journal of Surgical Research</i> , <b>2020</b> , 250, 1-11	2.5	6
22	Protective ventilation reduces <i>Pseudomonas aeruginosa</i> growth in lung tissue in a porcine pneumonia model. <i>Intensive Care Medicine Experimental</i> , <b>2017</b> , 5, 40	3.7	5
21	Validation and optimization of a predictive model for radiation pneumonitis in patients with lung cancer. <i>Oncology Letters</i> , <b>2016</b> , 12, 1144-1148	2.6	4
20	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> , <b>2018</b> , 46, e634-e641	1.4	3
19	The Prevalence and Outcomes of Sepsis in Adult Patients in Two Hospitals in Malawi. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2020</b> , 102, 896-901	3.2	3

18	Unmet need of essential treatments for critical illness in Malawi. <i>PLoS ONE</i> , <b>2021</b> , 16, e0256361	3.7	3
17	Validation of a Novel Needle Holder to Train Advanced Laparoscopy Skills to Novices in a Simulator Environment. <i>Surgical Innovation</i> , <b>2020</b> , 27, 211-219	2	2
16	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> , <b>2020</b> , 2020, 4819805	1.4	2
15	Should the Aminoglycoside $\beta$ -Lactam Combination Be Abandoned in All Severely Ill Patients With Presumed Gram-Negative Infection?. <i>Clinical Infectious Diseases</i> , <b>2018</b> , 66, 480-482	11.6	2
14	T2Candida Assay in the Diagnosis of Intraabdominal Candidiasis: A Prospective Multicenter Study.. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2022</b> , 8,	5.6	2
13	The Contribution of Plasma Urea to Total Osmolality During Iatrogenic Fluid Reduction in Critically Ill Patients.. <i>Function</i> , <b>2022</b> , 3, zqab055	6.1	2
12	The impact of the systemic inflammatory response on hepatic bacterial elimination in experimental abdominal sepsis. <i>Intensive Care Medicine Experimental</i> , <b>2019</b> , 7, 52	3.7	2
11	Unmet need of essential treatments for critical illness in Malawi		2
10	Pre-exposure to mechanical ventilation and endotoxemia increases <i>Pseudomonas aeruginosa</i> growth in lung tissue during experimental porcine pneumonia. <i>PLoS ONE</i> , <b>2020</b> , 15, e0240753	3.7	1
9	The Patient's Gender Influencing the Accuracy of Diagnosis and Proposed Sepsis Treatment in Constructed Cases. <i>Emergency Medicine International</i> , <b>2020</b> , 2020, 4823095	1.4	1
8	Lung-protective ventilation suppresses systemic and hepatic vein levels of cell-free DNA in porcine experimental post-operative sepsis. <i>BMC Pulmonary Medicine</i> , <b>2020</b> , 20, 206	3.5	1
7	Lung-protective ventilation increases cerebral metabolism and non-inflammatory brain injury in porcine experimental sepsis. <i>BMC Neuroscience</i> , <b>2021</b> , 22, 31	3.2	1
6	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> , <b>2021</b> , 11, e051928	3	1
5	Oxygen provision to severely ill COVID-19 patients at the peak of the 2020 pandemic in a Swedish district hospital.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0249984	3.7	0
4	Pre-exposure to mechanical ventilation and endotoxemia increases <i>Pseudomonas aeruginosa</i> growth in lung tissue during experimental porcine pneumonia <b>2020</b> , 15, e0240753		
3	Pre-exposure to mechanical ventilation and endotoxemia increases <i>Pseudomonas aeruginosa</i> growth in lung tissue during experimental porcine pneumonia <b>2020</b> , 15, e0240753		
2	Pre-exposure to mechanical ventilation and endotoxemia increases <i>Pseudomonas aeruginosa</i> growth in lung tissue during experimental porcine pneumonia <b>2020</b> , 15, e0240753		
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