

# Markus Castegren

## List of Publications by Year in descending order

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Version: 2024-02-01

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	T2Candida Assay in the Diagnosis of Intraabdominal Candidiasis: A Prospective Multicenter Study. <i>Journal of Fungi</i> (Basel, Switzerland), 2022, 8, 86.	3.5	6
2	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.	2.5	11
3	Lung-protective ventilation increases cerebral metabolism and non-inflammatory brain injury in porcine experimental sepsis. <i>BMC Neuroscience</i> , 2021, 22, 31.	1.9	3
4	Unmet need of essential treatments for critical illness in Malawi. <i>PLoS ONE</i> , 2021, 16, e0256361.	2.5	21
5	The Contribution of Plasma Urea to Total Osmolality During Iatrogenic Fluid Reduction in Critically Ill Patients. <i>Function</i> , 2021, 3, zqab055.	2.3	4
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> , 2021, 11, e051928.	1.9	7
7	The Patient's Gender Influencing the Accuracy of Diagnosis and Proposed Sepsis Treatment in Constructed Cases. <i>Emergency Medicine International</i> , 2020, 2020, 1-7.	0.8	2
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> , 2020, 20, 206.	2.0	1
9	Trainee Performance After Laparoscopic Simulator Training Using a Blackbox versus LapMentor. <i>Journal of Surgical Research</i> , 2020, 250, 1-11.	1.6	10
10	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.	0.9	3
11	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, 1-6.	0.8	4
12	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.	1.4	8
13	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.	2.5	2
14	Title is missing!. , 2020, 15, e0240753.		0
15	Title is missing!. , 2020, 15, e0240753.		0
16	Title is missing!. , 2020, 15, e0240753.		0
17	Title is missing!. , 2020, 15, e0240753.		0
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.	2.5	15

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19	The impact of the systemic inflammatory response on hepatic bacterial elimination in experimental abdominal sepsis. <i>Intensive Care Medicine Experimental</i> , 2019, 7, 52.	1.9	4
20	Should the Aminoglycoside $\beta$ -Lactam Combination Be Abandoned in All Severely Ill Patients With Presumed Gram-Negative Infection?. <i>Clinical Infectious Diseases</i> , 2018, 66, 480-482.	5.8	3
21	Dynamics of Endotoxin, Inflammatory Variables, and Organ Dysfunction After Treatment With Antibiotics in an <i>Escherichia coli</i> Porcine Intensive Care Sepsis Model. <i>Critical Care Medicine</i> , 2018, 46, e634-e641.	0.9	7
22	The global need for essential emergency and critical care. <i>Critical Care</i> , 2018, 22, 284.	5.8	83
23	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.	7.2	15
24	Protective ventilation reduces <i>Pseudomonas aeruginosa</i> growth in lung tissue in a porcine pneumonia model. <i>Intensive Care Medicine Experimental</i> , 2017, 5, 40.	1.9	5
25	Validation and optimization of a predictive model for radiation pneumonitis in patients with lung cancer. <i>Oncology Letters</i> , 2016, 12, 1144-1148.	1.8	7
26	Performance of plasma calprotectin as a biomarker of early sepsis: a pilot study. <i>Biomarkers in Medicine</i> , 2016, 10, 811-818.	1.4	18
27	Evaluating the effects of protective ventilation on organ-specific cytokine production in porcine experimental postoperative sepsis. <i>BMC Pulmonary Medicine</i> , 2015, 15, 60.	2.0	8
28	Single Deranged Physiologic Parameters Are Associated With Mortality in a Low-Income Country. <i>Critical Care Medicine</i> , 2015, 43, 2171-2179.	0.9	44
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> , 2015, 8, 313.	1.4	22
30	Vital Signs Directed Therapy: Improving Care in an Intensive Care Unit in a Low-Income Country. <i>PLoS ONE</i> , 2015, 10, e0144801.	2.5	51
31	Beneficial Antimicrobial Effect of the Addition of an Aminoglycoside to a $\beta$ -Lactam Antibiotic in an <i>E. coli</i> Porcine Intensive Care Severe Sepsis Model. <i>PLoS ONE</i> , 2014, 9, e90441.	2.5	15
32	Endotoxin Tolerance Variation over 24 h during Porcine Endotoxemia: Association with Changes in Circulation and Organ Dysfunction. <i>PLoS ONE</i> , 2013, 8, e53221.	2.5	16
33	Lung Protective Ventilation Induces Immunotolerance and Nitric Oxide Metabolites in Porcine Experimental Postoperative Sepsis. <i>PLoS ONE</i> , 2013, 8, e83182.	2.5	8
34	Differences in Organ Dysfunction in Endotoxin-Tolerant Pigs Under Intensive Care Exposed to a Second Hit of Endotoxin. <i>Shock</i> , 2012, 37, 501-510.	2.1	18