

Joel Starkopf

List of Publications by Year in Descending Order

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Version: 2024-04-26

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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.

90
papers

2,513
citations

24
h-index

48
g-index

93
ext. papers

3,141
ext. citations

4.1
avg, IF

4.72
L-index

#	Paper	IF	Citations
90	Gastrointestinal Failure, Clinical Presentations, and Treatment. <i>Hot Topics in Acute Care Surgery and Trauma</i> , 2022 , 149-167	0.1	
89	Intra-abdominal hypertension and abdominal compartment syndrome in the critically ill liver cirrhotic patient-prevalence and clinical outcomes. A multicentric retrospective cohort study in intensive care. <i>PLoS ONE</i> , 2021 , 16, e0251498	3.7	0
88	Prevalence of hypophosphatemia in the ICU - Results of an international one-day point prevalence survey. <i>Clinical Nutrition</i> , 2021 , 40, 3615-3621	5.9	3
87	Monitoring and parenteral administration of micronutrients, phosphate and magnesium in critically ill patients: The VITA-TRACE survey. <i>Clinical Nutrition</i> , 2021 , 40, 590-599	5.9	11
86	Hypophosphatemia in critically ill adults and children - A systematic review. <i>Clinical Nutrition</i> , 2021 , 40, 1744-1754	5.9	5
85	Development of the Gastrointestinal Dysfunction Score (GIDS) for critically ill patients - A prospective multicenter observational study (iSOFA study). <i>Clinical Nutrition</i> , 2021 , 40, 4932-4940	5.9	6
84	Enteral nutrition and dynamics of citrulline and intestinal fatty acid-binding protein in adult ICU patients. <i>Clinical Nutrition ESPEN</i> , 2021 , 45, 322-332	1.3	0
83	Intra-abdominal hypertension and hypoxic respiratory failure together predict adverse outcome - A sub-analysis of a prospective cohort. <i>Journal of Critical Care</i> , 2021 , 64, 165-172	4	2
82	Deepening of sedation with propofol has limited effect on intra-abdominal pressure - An interventional study in mechanically ventilated adult patients with intra-abdominal hypertension. <i>Journal of Critical Care</i> , 2021 , 65, 98-103	4	0
81	Cardiovascular SOFA score may not reflect current practice. <i>Intensive Care Medicine</i> , 2021 , 1	14.5	1
80	Gastrointestinal dysfunction in the critically ill: a systematic scoping review and research agenda proposed by the Section of Metabolism, Endocrinology and Nutrition of the European Society of Intensive Care Medicine. <i>Critical Care</i> , 2020 , 24, 224	10.8	29
79	Remote Ischaemic Preconditioning Reduces Kidney Injury Biomarkers in Patients Undergoing Open Surgical Lower Limb Revascularisation: A Randomised Trial. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 7098505	6.7	4
78	Population pharmacokinetics and pharmacodynamics of dobutamine in neonates on the first days of life. <i>British Journal of Clinical Pharmacology</i> , 2020 , 86, 318-328	3.8	4
77	Remote Ischaemic Preconditioning Attenuates Cardiac Biomarkers During Vascular Surgery: A Randomised Clinical Trial. <i>European Journal of Vascular and Endovascular Surgery</i> , 2020 , 59, 301-308	2.3	7
76	The role of elevated high-sensitivity cardiac troponin on outcomes following severe blunt chest trauma. <i>Injury</i> , 2020 , 51, 1177-1182	2.5	7
75	Remote ischaemic preconditioning influences the levels of acylcarnitines in vascular surgery: a randomised clinical trial. <i>Nutrition and Metabolism</i> , 2020 , 17, 76	4.6	1
74	The Effect of Remote Ischaemic Preconditioning on Arterial Stiffness in Patients Undergoing Vascular Surgery: A Randomised Clinical Trial. <i>European Journal of Vascular and Endovascular Surgery</i> , 2019 , 57, 868-875	2.3	13

73	Gastrointestinal failure affects outcome of intensive care. <i>Journal of Critical Care</i> , 2019 , 52, 103-108	4	13
72	A sensitive method for the simultaneous UHPLC-MS/MS analysis of milrinone and dobutamine in blood plasma using NHF as the eluent additive and ascorbic acid as a stabilizer. <i>Clinical Mass Spectrometry</i> , 2019 , 12, 23-29	1.9	2
71	Population Pharmacokinetics and Dosing of Milrinone After Patent Ductus Arteriosus Ligation in Preterm Infants. <i>Pediatric Critical Care Medicine</i> , 2019 , 20, 621-629	3	3
70	Genetic variants in humanin nuclear isoform gene regions show no association with coronary artery disease. <i>BMC Research Notes</i> , 2019 , 12, 759	2.3	4
69	Abdominal Compartment Syndrome: Improving Outcomes With A Multidisciplinary Approach - A Narrative Review. <i>Journal of Multidisciplinary Healthcare</i> , 2019 , 12, 1061-1074	2.8	14
68	Translating the European Society for Clinical Nutrition and Metabolism 2019 guidelines into practice. <i>Current Opinion in Critical Care</i> , 2019 , 25, 314-321	3.5	2
67	Incidence, Risk Factors, and Outcomes of Intra-Abdominal Hypertension in Critically Ill Patients-A Prospective Multicenter Study (IROI Study). <i>Critical Care Medicine</i> , 2019 , 47, 535-542	1.4	72
66	Perioperative gastrointestinal problems in the ICU. <i>Anesthesiology Intensive Therapy</i> , 2018 , 50, 59-71	1.7	6
65	The black box revelation: monitoring gastrointestinal function. <i>Anesthesiology Intensive Therapy</i> , 2018 , 50, 72-81	1.7	5
64	Early enteral nutrition in critically ill patients: ESICM clinical practice guidelines. <i>Intensive Care Medicine</i> , 2017 , 43, 380-398	14.5	319
63	Dosing of Ertapenem in an Extreme Obesity: A Case Report of 250 kg Patient. <i>Case Reports in Critical Care</i> , 2017 , 2017, 5310768	1	
62	Dosing of Milrinone in Preterm Neonates to Prevent Postligation Cardiac Syndrome: Simulation Study Suggests Need for Bolus Infusion. <i>Neonatology</i> , 2017 , 111, 8-11	4	6
61	Implementation of enteral feeding protocol in an intensive care unit: Before-and-after study. <i>World Journal of Critical Care Medicine</i> , 2017 , 6, 56-64	3	11
60	Pharmacokinetics and pharmacodynamics of piperacillin/tazobactam during high volume haemodiafiltration in patients with septic shock. <i>Acta Anaesthesiologica Scandinavica</i> , 2016 , 60, 230-40	1.9	9
59	Space GlucoseControl system for blood glucose control in intensive care patients--a European multicentre observational study. <i>BMC Anesthesiology</i> , 2016 , 16, 8	2.4	19
58	Mild to moderate intra-abdominal hypertension: Does it matter?. <i>World Journal of Critical Care Medicine</i> , 2016 , 5, 96-102	3	11
57	Gastrointestinal failure in the ICU. <i>Current Opinion in Critical Care</i> , 2016 , 22, 128-41	3.5	23
56	The reasons for insufficient enteral feeding in an intensive care unit: A prospective observational study. <i>Intensive and Critical Care Nursing</i> , 2015 , 31, 309-14	3.1	17

55	Abdominal signs and symptoms in intensive care patients. <i>Anaesthesiology Intensive Therapy</i> , 2015 , 47, 379-87	1.7	20
54	Pharmacokinetics of doripenem during high volume hemodiafiltration in patients with septic shock. <i>Journal of Clinical Pharmacology</i> , 2015 , 55, 438-46	2.9	6
53	Comparison of different definitions of feeding intolerance: A retrospective observational study. <i>Clinical Nutrition</i> , 2015 , 34, 956-61	5.9	49
52	Effects of high volume haemodiafiltration on inflammatory response profile and microcirculation in patients with septic shock. <i>BioMed Research International</i> , 2015 , 2015, 125615	3	5
51	Prevalence of malnutrition in various political, economic, and geographic settings. <i>Journal of Parenteral and Enteral Nutrition</i> , 2015 , 39, 200-10	4.2	17
50	Postoperative complications and mortality after major gastrointestinal surgery. <i>Medicina (Lithuania)</i> , 2014 , 50, 111-7	3.1	63
49	Sublingual microcirculation in patients with intra-abdominal hypertension: a pilot study in 15 critically ill patients. <i>Journal of Critical Care</i> , 2014 , 29, 183.e1-6	4	4
48	Moderate intra-abdominal hypertension leads to anaerobic metabolism in the rectus abdominis muscle tissue of critically ill patients: a prospective observational study. <i>BioMed Research International</i> , 2014 , 2014, 857492	3	3
47	Sublingual microcirculatory changes during transient intra-abdominal hypertension--a prospective observational study in laparoscopic surgery patients. <i>Clinical Hemorheology and Microcirculation</i> , 2014 , 57, 367-74	2.5	4
46	Clinical evaluation of the intestinal microcirculation using sidestream dark field imaging--recommendations of a round table meeting. <i>Clinical Hemorheology and Microcirculation</i> , 2014 , 57, 137-46	2.5	15
45	Definition, prevalence, and outcome of feeding intolerance in intensive care: a systematic review and meta-analysis. <i>Acta Anaesthesiologica Scandinavica</i> , 2014 , 58, 914-22	1.9	93
44	Expanded measurements of intra-abdominal pressure do not increase the detection rate of intra-abdominal hypertension: a single-center observational study. <i>Critical Care Medicine</i> , 2014 , 42, 378-86	1.4	12
43	Gastrointestinal symptoms during the first week of intensive care are associated with poor outcome: a prospective multicentre study. <i>Intensive Care Medicine</i> , 2013 , 39, 899-909	14.5	93
42	The updated clinical guideline development process in Estonia is an efficient method for developing evidence-based guidelines. <i>Journal of Clinical Epidemiology</i> , 2013 , 66, 132-9	5.7	5
41	Growth factors serum levels in coronary artery disease patients scheduled for bypass surgery: perioperative dynamics and comparisons with healthy volunteers. <i>BioMed Research International</i> , 2013 , 2013, 985404	3	8
40	Risk factors for intra-abdominal hypertension and abdominal compartment syndrome among adult intensive care unit patients: a systematic review and meta-analysis. <i>Critical Care</i> , 2013 , 17, R249	10.8	131
39	Moderate intra-abdominal hypertension is associated with an increased lactate-pyruvate ratio in the rectus abdominis muscle tissue: a pilot study during laparoscopic surgery. <i>Annals of Intensive Care</i> , 2012 , 2 Suppl 1, S14	8.9	10
38	Should we measure intra-abdominal pressures in every intensive care patient?. <i>Annals of Intensive Care</i> , 2012 , 2 Suppl 1, S9	8.9	16

37	Gastrointestinal function in intensive care patients: terminology, definitions and management. Recommendations of the ESICM Working Group on Abdominal Problems. <i>Intensive Care Medicine</i> , 2012 , 38, 384-94	14.5	255
36	Effects of 60 minutes of hyperoxia followed by normoxia before coronary artery bypass grafting on the inflammatory response profile and myocardial injury. <i>Journal of Negative Results in BioMedicine</i> , 2012 , 11, 14		8
35	Two Cases of Takotsubo Syndrome Related to Tracheal Intubation/Extubation. <i>Medicina (Lithuania)</i> , 2012 , 48, 10	3.1	1
34	Risk factors for intra-abdominal hypertension in mechanically ventilated patients. <i>Acta Anaesthesiologica Scandinavica</i> , 2011 , 55, 607-14	1.9	50
33	Intra-abdominal hypertension and gastrointestinal symptoms in mechanically ventilated patients. <i>Critical Care Research and Practice</i> , 2011 , 2011, 982507	1.5	11
32	Successful liver transplantation after 21 days of hepatic coma. <i>ASAIO Journal</i> , 2011 , 57, 545-6	3.6	2
31	Inflammatory/oxidative stress during the first week after different types of cardiac surgery. <i>Scandinavian Cardiovascular Journal</i> , 2010 , 44, 119-24	2	26
30	Pretreatment by hyperoxia--a tool to reduce ischaemia-reperfusion injury in the myocardium. <i>Current Clinical Pharmacology</i> , 2010 , 5, 125-32	2.5	5
29	Off-pump coronary surgery causes immediate release of myocardial damage markers. <i>Asian Cardiovascular and Thoracic Annals</i> , 2009 , 17, 494-9	0.6	9
28	Gastrointestinal symptoms in intensive care patients. <i>Acta Anaesthesiologica Scandinavica</i> , 2009 , 53, 318-24	1.9	124
27	Long-term outcome of bystander-witnessed out-of-hospital cardiac arrest in Estonia from 1999 to 2002. <i>Resuscitation</i> , 2009 , 80, 73-8	4	9
26	Pharmacokinetics of meropenem determined by microdialysis in the peritoneal fluid of patients with severe peritonitis associated with septic shock. <i>Clinical Pharmacology and Therapeutics</i> , 2008 , 83, 452-9	6.1	55
25	Antioxidant UPF1 attenuates myocardial stunning in isolated rat hearts. <i>International Journal of Cardiology</i> , 2008 , 125, 133-5	3.2	18
24	Gastrointestinal failure score in critically ill patients: a prospective observational study. <i>Critical Care</i> , 2008 , 12, R90	10.8	132
23	Correction: Gastrointestinal Failure score in critically ill patients: a prospective observational study. <i>Critical Care</i> , 2008 , 12, 435	10.8	5
22	Primary and secondary intra-abdominal hypertension--different impact on ICU outcome. <i>Intensive Care Medicine</i> , 2008 , 34, 1624-31	14.5	80
21	Pre-treatment with hyperoxia before coronary artery bypass grafting - effects on myocardial injury and inflammatory response. <i>Acta Anaesthesiologica Scandinavica</i> , 2007 , 51, 1305-13	1.9	18
20	Aortic arch thrombosis in a neonate with heterozygous carrier status of factor V Leiden mutation. <i>Congenital Heart Disease</i> , 2006 , 1, 40-5	3.1	16

19	In vivo chronic carvedilol treatment in rats attenuates ex vivo regional infarction of the heart. <i>Scandinavian Cardiovascular Journal</i> , 2006 , 40, 240-7	2	3
18	Changes of plasma asymmetric dimethylarginine levels after coronary artery bypass grafting. <i>Scandinavian Cardiovascular Journal</i> , 2006 , 40, 363-7	2	8
17	Gastrointestinal failure in intensive care: a retrospective clinical study in three different intensive care units in Germany and Estonia. <i>BMC Gastroenterology</i> , 2006 , 6, 19	3	57
16	Early postoperative function of the heart after coronary artery bypass grafting is not predicted by myocardial necrosis and glutathione-associated oxidative stress. <i>Clinica Chimica Acta</i> , 2005 , 359, 195-202	6.2	5
15	Distribution of metronidazole in muscle tissue of patients with septic shock and its efficacy against <i>Bacteroides fragilis</i> in vitro. <i>Journal of Antimicrobial Chemotherapy</i> , 2005 , 55, 341-6	5.1	16
14	Perioperative penetration of metronidazole into muscle tissue: a microdialysis study. <i>European Journal of Clinical Pharmacology</i> , 2004 , 59, 809-13	2.8	10
13	An antioxidant tetrapeptide UPF1 in rats has a neuroprotective effect in transient global brain ischemia. <i>Neuroscience Letters</i> , 2004 , 370, 45-50	3.3	15
12	Hyperoxia elicits myocardial protection through a nuclear factor kappaB-dependent mechanism in the rat heart. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 125, 650-60	1.5	76
11	Protective effect of antioxidants on pulmonary endothelial function after cardiopulmonary bypass. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2003 , 17, 314-20	2.1	31
10	Adaptation to Ischemia by in vivo Exposure to Hyperoxia Signalling through Mitogen Activated Protein Kinases and Nuclear Factor Kappa B. <i>Progress in Experimental Cardiology</i> , 2003 , 461-477		2
9	Exposure of rats to hyperoxia enhances relaxation of isolated aortic rings and reduces infarct size of isolated hearts. <i>Acta Physiologica Scandinavica</i> , 2002 , 175, 271-7		14
8	Cardioprotection by breathing hyperoxic gas-relation to oxygen concentration and exposure time in rats and mice. <i>European Journal of Cardio-thoracic Surgery</i> , 2002 , 21, 987-94	3	36
7	Pretreating rats with hyperoxia attenuates ischemia-reperfusion injury of the heart. <i>Life Sciences</i> , 2001 , 68, 1629-40	6.8	54
6	Pretreatment with methylprednisolone protects the isolated rat heart against ischaemic and oxidative damage. <i>Free Radical Research</i> , 2000 , 33, 31-43	4	23
5	Preconditioning with hydrogen peroxide (H ₂ O ₂) or ischemia in H ₂ O ₂ -induced cardiac dysfunction. <i>Free Radical Research</i> , 1998 , 29, 235-45	4	33
4	Lipid peroxidation, arachidonic acid and products of the lipoxygenase pathway in ischaemic preconditioning of rat heart. <i>Cardiovascular Research</i> , 1998 , 37, 66-75	9.9	40
3	Preischemic bradykinin and ischaemic preconditioning in functional recovery of the globally ischaemic rat heart. <i>Cardiovascular Research</i> , 1997 , 33, 63-70	9.9	21
2	The evidence of oxidative stress in cardiac surgery and septic patients: a comparative study. <i>Clinica Chimica Acta</i> , 1997 , 262, 77-88	6.2	25

- 1 Time course of oxidative stress during open-heart surgery. *Scandinavian Journal of Thoracic and Cardiovascular Surgery*, **1995**, 29, 181-6