Stephan M Jakob

List of Publications by Year
in descending order

181 papers	6,786 citations	81434 41 h-index	87275 74 g-index
186 all docs	186 docs citations	186 times ranked	7150 citing authors

#	Article	IF	Citations
1	Benefits of Aerosolized Phages for the Treatment of Pneumonia Due to Methicillin-ResistantStaphylococcus aureus: An Experimental Study in Rats. Journal of Infectious Diseases, 2022, 225, 1452-1459.	1.9	27
2	Variation in severity-adjusted resource use and outcome in intensive care units. Intensive Care Medicine, 2022, 48, 67-77.	3.9	8
3	Population Pharmacokinetics of Vancomycin in Critically Ill Adult Patients Receiving Extracorporeal Membrane Oxygenation (an ASAP ECMO Study). Antimicrobial Agents and Chemotherapy, 2022, 66, AAC0137721.	1.4	7
4	Mortality prediction in intensive care units including premorbid functional status improved performance and internal validity. Journal of Clinical Epidemiology, 2022, 142, 230-241.	2.4	5
5	Dexamethasone 12Âmg versus 6Âmg for patients with COVID-19 and severe hypoxaemia: a pre-planned, secondary Bayesian analysis of the COVID STEROID 2 trial. Intensive Care Medicine, 2022, 48, 45-55.	3.9	70
6	Cardiorespiratory response to early rehabilitation in critically ill adults: A secondary analysis of a randomised controlled trial. PLoS ONE, 2022, 17, e0262779.	1.1	7
7	Gastrointestinal Failure, Clinical Presentations, and Treatment. Hot Topics in Acute Care Surgery and Trauma, 2022, , 149-167.	0.1	0
8	Inhaled Nitric Oxide Treatment for Aneurysmal SAH Patients With Delayed Cerebral Ischemia. Frontiers in Neurology, 2022, 13, 817072.	1.1	6
9	Long-term outcomes of dexamethasone 12Âmg versus 6Âmg in patients with COVID-19 and severe hypoxaemia. Intensive Care Medicine, 2022, 48, 580-589.	3.9	17
10	Development and early diagnosis of critical illness myopathy in COVIDâ€19 associated acute respiratory distress syndrome. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 1883-1895.	2.9	13
11	Effects of brain tissue oxygen (PbtO2) guided management on patient outcomes following severe traumatic brain injury: A systematic review and meta-analysis. Journal of Clinical Neuroscience, 2022, 99, 349-358.	0.8	16
12	Efficacy assessment of a novel endolysin PlyAZ3aT for the treatment of ceftriaxone-resistant pneumococcal meningitis in an infant rat model. PLoS ONE, 2022, 17, e0266928.	1.1	0
13	Beta-blocker treatment in the critically ill: a systematic review and meta-analysis. Annals of Medicine, 2022, 54, 1994-2010.	1.5	8
14	Mutation to ispA Produces Stable Small-Colony Variants of Pseudomonas aeruginosa That Have Enhanced Aminoglycoside Resistance. Antimicrobial Agents and Chemotherapy, 2022, 66, .	1.4	4
15	Impact of cardiac surgery and neurosurgery patients on variation in severity-adjusted resource use in intensive care units. Journal of Critical Care, 2022, 71, 154110.	1.0	1
16	Monitoring and parenteral administration of micronutrients, phosphate and magnesium in critically ill patients: The VITA-TRACE survey. Clinical Nutrition, 2021, 40, 590-599.	2.3	23
17	Management of acute and chronic aortic disease during the COVIDâ€19 pandemicâ€"Results from a webâ€based ad hoc platform. Journal of Cardiac Surgery, 2021, 36, 1683-1692.	0.3	8
18	Early Physical Therapist Interventions for Patients With COVID-19 in the Acute Care Hospital: A Case Report Series. Physical Therapy, 2021, 101, .	1.1	26

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19	Enteral Feeding Intolerance: Updates in Definitions and Pathophysiology. Nutrition in Clinical Practice, 2021, 36, 40-49.	1.1	54
20	Higher vs Lower Doses of Dexamethasone in Patients with COVIDâ€19 and Severe Hypoxia (COVID STEROID) Tj ETQq0 0 0 rgBT /Overlo 702-710.	0.7	13
21	Temporal changes in the epidemiology, management, and outcome from acute respiratory distress syndrome in European intensive care units: a comparison of two large cohorts. Critical Care, 2021, 25, 87.	2.5	5
22	Higher vs lower doses of dexamethasone in patients with COVIDâ€19 and severe hypoxia (COVID STEROID) Tj ETQq0 0 0 rgBT /Overlock	0.7	21
23	Virtual reality stimulation to reduce the incidence of delirium in critically ill patients: study protocol for a randomized clinical trial. Trials, 2021, 22, 174.	0.7	9
24	Frequency and Significance of Pathologic Pulmonary Findings in Postmortem Examinationsâ€”A Single Center Experience before COVID-19. Diagnostics, 2021, 11, 894.	1.3	2
25	Importance of critical care staffing and standard intensive care therapy in the COVID-19 era: a descriptive study of the first epidemic wave at a Swiss tertiary intensive care unit. Swiss Medical Weekly, 2021, 151, w20529.	0.8	4
26	Population Pharmacokinetics of Piperacillin and Tazobactam in Critically Ill Patients Receiving Extracorporeal Membrane Oxygenation: an ASAP ECMO Study. Antimicrobial Agents and Chemotherapy, 2021, 65, e0143821.	1.4	9
27	Development of the Gastrointestinal Dysfunction Score (GIDS) for critically ill patients â€“ A prospective multicenter observational study (iSOFA study). Clinical Nutrition, 2021, 40, 4932-4940.	2.3	49
28	Enteral nutrition and dynamics of citrulline and intestinal fatty acid-binding protein in adult ICU patients. Clinical Nutrition ESPEN, 2021, 45, 322-332.	0.5	7
29	Searching for synergy: combining systemic daptomycin treatment with localised phage therapy for the treatment of experimental pneumonia due to MRSA. BMC Research Notes, 2021, 14, 381.	0.6	12
30	Persistent hyperammonia and altered concentrations of urea cycle metabolites in a 5-day swine experiment of sepsis. Scientific Reports, 2021, 11, 18430.	1.6	4
31	Lowâ€dose hydrocortisone in patients with COVIDâ€19 and severe hypoxia: The COVID STEROID randomised, placeboâ€controlled trial. Acta Anaesthesiologica Scandinavica, 2021, 65, 1421-1430.	0.7	31
32	Should Vasopressors Be Started Early in Septic Shock?. Seminars in Respiratory and Critical Care Medicine, 2021, 42, 683-688.	0.8	3
33	Isolation and characterization of bacteriophages from the human skin microbiome that infectStaphylococcus epidermidis. FEMS Microbes, 2021, 2, .	0.8	18
34	Population pharmacokinetics of cefepime in critically ill patients receiving extracorporeal membrane oxygenation (an ASAP ECMO study). International Journal of Antimicrobial Agents, 2021, 58, 106466.	1.1	12
35	Effect of 12 mg vs 6 mg of Dexamethasone on the Number of Days Alive Without Life Support in Adults With COVID-19 and Severe Hypoxemia. JAMA - Journal of the American Medical Association, 2021, 326, 1807.	3.8	174
36	An automated retrospective VAE-surveillance tool for future quality improvement studies. Scientific Reports, 2021, 11, 22264.	1.6	2

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37	Longâ€term patientâ€important outcomes after septic shock: A protocol for 1â€year followâ€up of the CLASSIC trial. Acta Anaesthesiologica Scandinavica, 2020, 64, 410-416.	0.7	5
38	Defense mechanisms to increasing back pressure for hepatic oxygen transport and venous return in porcine fecal peritonitis. American Journal of Physiology - Renal Physiology, 2020, 319, G289-G302.	1.6	4
39	The effect of dexmedetomidine on vasopressor requirements in patients with septic shock: a subgroup analysis of the Sedation Practice in Intensive Care Evaluation [SPICEÂIII] Trial. Critical Care, 2020, 24, 441.	2.5	55
40	Lowâ€dose hydrocortisone in patients with COVIDâ€19 and severe hypoxia (COVID STEROID) trialâ€"Protocol and statistical analysis plan. Acta Anaesthesiologica Scandinavica, 2020, 64, 1365-1375.	0.7	26
41	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. Critical Care, 2020, 24, 224.	2.5	96
42	Hypertonic saline for fluid resuscitation in ICU patients post-cardiac surgery (HERACLES): a double-blind randomized controlled clinical trial. Intensive Care Medicine, 2020, 46, 1683-1695.	3.9	16
43	The PhINEST study â€“ Pharyngeal ICU Novel Electrical Stimulation Therapy. Medicine (United States), 2020, 99, e19503.	0.4	4
44	Myeloid Sarcoma Mimicking Endocarditis: An Autopsy Case. International Journal of Surgical Pathology, 2020, 28, 774-774.	0.4	2
45	Functional ability and quality of life in critical illness survivors with intensive care unit acquired weakness: A secondary analysis of a randomised controlled trial. PLoS ONE, 2020, 15, e0229725.	1.1	36
46	Nebulized Bacteriophages for Prophylaxis of Experimental Ventilator-Associated Pneumonia Due to Methicillin-Resistant Staphylococcus aureus. Critical Care Medicine, 2020, 48, 1042-1046.	0.4	22
47	Effects of Trendelenburg position and increased airway pressure on hepatic regional blood flow of normal and resected liver. Journal of Applied Physiology, 2020, 128, 667-680.	1.2	2
48	The clinical relevance of oliguria in the critically ill patient: analysis of a large observational database. Critical Care, 2020, 24, 171.	2.5	18
49	Gas exchange calculation may estimate changes in pulmonary blood flow during veno-arterial extracorporeal membrane oxygenation in a porcine model. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 318, L1211-L1221.	1.3	13
50	Right ventricular stroke volume assessed by pulmonary artery pulse contour analysis. Intensive Care Medicine Experimental, 2020, 8, 58.	0.9	4
51	Title is missing!. , 2020, 15, e0229725.		0
52	Title is missing!. , 2020, 15, e0229725.		0
53	Title is missing!. , 2020, 15, e0229725.		0
54	Title is missing!. , 2020, 15, e0229725.		0

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55	SPHN/PHRT: Forming a Swiss-Wide Infrastructure for Data-Driven Sepsis Research. Studies in Health Technology and Informatics, 2020, 270, 1163-1167.	0.2	3
56	The Effects of Vasoconstriction And Volume Expansion on Veno-Arterial ECMO Flow. Shock, 2019, 51, 650-658.	1.0	27
57	Continual hemodynamic monitoring with a single-use transesophageal echocardiography probe in critically ill patients with shock: a randomized controlled clinical trial. Intensive Care Medicine, 2019, 45, 1093-1102.	3.9	21
58	Bacteriophages Improve Outcomes in Experimental Staphylococcus aureus Ventilator-associated Pneumonia. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 1126-1133.	2.5	54
59	Conservative vs liberal fluid therapy in septic shock (CLASSIC) trialâ€"Protocol and statistical analysis plan. Acta Anaesthesiologica Scandinavica, 2019, 63, 1262-1271.	0.7	37
60	Hypertonic saline for fluid resuscitation after cardiac surgery (HERACLES): study protocol for a preliminary randomised controlled clinical trial. Trials, 2019, 20, 357.	0.7	4
61	Portal hyperperfusion after major liver resection and associated sinusoidal damage is a therapeutic target to protect the remnant liver. American Journal of Physiology - Renal Physiology, 2019, 317, G264-G274.	1.6	11
62	Fluid management in patients undergoing cardiac surgery: effects of an acetate- versus lactate-buffered balanced infusion solution on hemodynamic stability (HEMACETAT). Critical Care, 2019, 23, 159.	2.5	24
63	Effect of volume status on the estimation of mean systemic filling pressure. Journal of Applied Physiology, 2019, 126, 1503-1513.	1.2	22
64	Nutrient pattern analysis in critically ill patients using Omics technology (NAChO) â€“ Study protocol for a prospective observational study. Medicine (United States), 2019, 98, e13937.	0.4	1
65	Perception and Performance on a Virtual Reality Cognitive Stimulation for Use in the Intensive Care Unit: A Non-randomized Trial in Critically Ill Patients. Frontiers in Medicine, 2019, 6, 287.	1.2	26
66	Comparing the Relaxing Effects of Different Virtual Reality Environments in the Intensive Care Unit: Observational Study. JMIR Perioperative Medicine, 2019, 2, e15579.	0.3	22
67	Prognostic Value of Early Postoperative Troponin T in Patients Undergoing Coronary Artery Bypass Grafting. Journal of the American Heart Association, 2018, 7, .	1.6	29
68	Expert statement for the management of hypovolemia in sepsis. Intensive Care Medicine, 2018, 44, 791-798.	3.9	50
69	Decontamination of Extracorporeal Membrane Oxygenator Devices With an Intensified Disinfection Protocol: How Strict Is Too Strict?. Infection Control and Hospital Epidemiology, 2018, 39, 366-367.	1.0	2
70	Noninvasive Assessment of Intra-Abdominal Pressure Using Ultrasound-Guided Tonometry: A Proof-of-Concept Study. Shock, 2018, 50, 684-688.	1.0	6
71	Perioperative Fluid Accumulation Impairs Intestinal Contractility to a Similar Extent as Peritonitis and Endotoxemia. Shock, 2018, 50, 735-740.	1.0	3
72	Compression sonography for non-invasive measurement of lower leg compartment pressure in an animal model. Injury, 2018, 49, 532-537.	0.7	18

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73	Worldwide audit of blood transfusion practice in critically ill patients. Critical Care, 2018, 22, 102.	2.5	71
74	Cerebral microembolism in the critically ill with acute kidney injury (COMET-AKI trial): study protocol for a randomized controlled clinical trial. Trials, 2018, 19, 189.	0.7	2
75	Neuroprotection with the P53-Inhibitor Pifithrin-Î¼ after Cardiac Arrest in a Rodent Model. Shock, 2018, 49, 229-234.	1.0	4
76	Muscle membrane properties in A pig sepsis model: Effect of norepinephrine. Muscle and Nerve, 2018, 57, 808-813.	1.0	10
77	Effects of early, combined endurance and resistance training in mechanically ventilated, critically ill patients: A randomised controlled trial. PLoS ONE, 2018, 13, e0207428.	1.1	59
78	Effects of hemodynamic monitoring using a single-use transesophageal echocardiography probe in critically ill patients â€“ study protocol for a randomized controlled trial. Trials, 2018, 19, 362.	0.7	8
79	Comments on Teboul and Scheeren: understanding the Haldane effect. Intensive Care Medicine, 2017, 43, 597-597.	3.9	0
80	Early enteral nutrition in critically ill patients: ESICM clinical practice guidelines. Intensive Care Medicine, 2017, 43, 380-398.	3.9	528
81	Low Lâ€Ficolin associated with disease severity during sepsis in adult <scp>ICU</scp> patients. Liver International, 2017, 37, 1409-1409.	1.9	3
82	Decision-Making on Withholding or Withdrawing Life Support in the ICU. Chest, 2017, 152, 321-329.	0.4	90
83	Gender-related differences in aneurysmal subarachnoid hemorrhage: A hospital based study. Clinical Neurology and Neurosurgery, 2017, 157, 82-87.	0.6	20
84	A randomized controlled pilot study to evaluate the effect of an enteral formulation designed to improve gastrointestinal tolerance in the critically ill patientâ€"the SPIRIT trial. Critical Care, 2017, 21, 140.	2.5	43
85	Right atrial pressure and venous return during cardiopulmonary bypass. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 313, H408-H420.	1.5	38
86	Dysphagia in Mechanically Ventilated ICU Patients (DYnAMICS): A Prospective Observational Trial. Critical Care Medicine, 2017, 45, 2061-2069.	0.4	164
87	Gastrointestinal Impedance Spectroscopy to Detect Hypoperfusion During Hemorrhage. Shock, 2017, 48, 185-195.	1.0	5
88	High-resolution Respirometry to Assess Mitochondrial Function in Permeabilized and Intact Cells. Journal of Visualized Experiments, 2017, , .	0.2	32
89	IVIG regulates the survival of human but not mouse neutrophils. Scientific Reports, 2017, 7, 1296.	1.6	38
90	Visuo-acoustic stimulation that helps you to relax: A virtual reality setup for patients in the intensive care unit. Scientific Reports, 2017, 7, 13228.	1.6	105

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91	Mitochondrial function of immune cells in septic shock: A prospective observational cohort study. PLoS ONE, 2017, 12, e0178946.	1.1	33
92	The impact of extracerebral organ failure on outcome of patients after cardiac arrest: an observational study from the ICON database. Critical Care, 2016, 20, 368.	2.5	38
93	Targeted tissue perfusion versus macrocirculation-guided standard care in patients with septic shock (TARTARE-2S): study protocol and statistical analysis plan for a randomized controlled trial. Trials, 2016, 17, 384.	0.7	11
94	Effects of early, combined endurance and resistance training in mechanically ventilated, critically ill patients: a study protocol for a randomised controlled trial. Trials, 2016, 17, 403.	0.7	9
95	Control groups in recent septic shock trials: a systematic review. Intensive Care Medicine, 2016, 42, 1912-1921.	3.9	13
96	Effect of PEEP, blood volume, and inspiratory hold maneuvers on venous return. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 311, H794-H806.	1.5	74
97	A randomized trial of the effects of the noble gases helium and argon on neuroprotection in a rodent cardiac arrest model. BMC Neurology, 2016, 16, 43.	0.8	22
98	Prognostic and diagnostic value of EEG signal coupling measures in coma. Clinical Neurophysiology, 2016, 127, 2942-2952.	0.7	20
99	Reconsidering the logic of World Federation of Neurosurgical Societies grading in patients with severe subarachnoid hemorrhage. Journal of Neurosurgery, 2016, 124, 299-304.	0.9	40
100	Dose Response of Endotoxin on Hepatocyte and Muscle Mitochondrial Respiration In Vitro. BioMed Research International, 2015, 2015, 1-12.	0.9	13
101	Do different anesthesia regimes affect hippocampal apoptosis and neurologic deficits in a rodent cardiac arrest model?. BMC Anesthesiology, 2015, 15, 2.	0.7	12
102	Venousâ€“arterial CO2 to arterialâ€“venous O2 difference ratio as a resuscitation target in shock states?. Intensive Care Medicine, 2015, 41, 936-938.	3.9	17
103	Dexmedetomidine versus standard care sedation with propofol or midazolam in intensive care: an economic evaluation. Critical Care, 2015, 19, 67.	2.5	56
104	Angiotensin II in septic shock. Critical Care, 2015, 19, 98.	2.5	78
105	Changes in Left Ventricular Torsion Early Postoperatively After Aortic Valve Replacement and at Long-Term Follow-up. Journal of Cardiothoracic and Vascular Anesthesia, 2015, 29, 860-867.	0.6	2
106	The Rabbit Blood Shunt Subarachnoid Haemorrhage Model. Acta Neurochirurgica Supplementum, 2015, 120, 337-342.	0.5	6
107	The Rabbit Shunt Model of Subarachnoid Haemorrhage. Translational Stroke Research, 2014, 5, 669-680.	2.3	19
108	Early brain injury linearly correlates with reduction in cerebral perfusion pressure during the hyperacute phase of subarachnoid hemorrhage. Intensive Care Medicine Experimental, 2014, 2, 30.	0.9	15

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109	Increasing Mean Arterial Pressure in Cardiogenic Shock Secondary to Myocardial Infarction. Shock, 2014, 41, 362.	1.0	3
110	Interference of angiotensin II and enalapril with hepatic blood flow regulation. American Journal of Physiology - Renal Physiology, 2014, 307, G655-G663.	1.6	10
111	The Rabbit Blood-shunt Model for the Study of Acute and Late Sequelae of Subarachnoid Hemorrhage: Technical Aspects. Journal of Visualized Experiments, 2014, , e52132.	0.2	4
112	Angiotensin II in Septic Shock. Critical Care Medicine, 2014, 42, e550-e559.	0.4	61
113	Randomized, Double-Blind Trial of the Effect of Fluid Composition on Electrolyte, Acidâ€“Base, and Fluid Homeostasis in Patients Early After Subarachnoid Hemorrhage. Neurocritical Care, 2013, 18, 5-12.	1.2	43
114	Haemodynamic variables and functional outcome in hypothermic patients following out-of-hospital cardiac arrest. Resuscitation, 2013, 84, 798-804.	1.3	39
115	Effect of sedation level on the prevalence of delirium when assessed with CAM-ICU and ICDSC. Intensive Care Medicine, 2013, 39, 2171-2179.	3.9	91
116	Mitochondrial function in sepsis. European Journal of Clinical Investigation, 2013, 43, 532-542.	1.7	72
117	Increasing mean arterial blood pressure in sepsis: effects on fluid balance, vasopressor load and renal function. Critical Care, 2013, 17, R21.	2.5	57
118	No evidence for a local renin-angiotensin system in liver mitochondria. Scientific Reports, 2013, 3, 2467.	1.6	12
119	Effects of cardiac preload reduction and dobutamine on hepatosplanchnic blood flow regulation in porcine endotoxemia. American Journal of Physiology - Renal Physiology, 2012, 303, G247-G255.	1.6	5
120	Dexmedetomidine vs Midazolam or Propofol for Sedation During Prolonged Mechanical Ventilation. JAMA - Journal of the American Medical Association, 2012, 307, 1151.	3.8	746
121	Haemodialysis in massive caffeine intoxication. CKJ: Clinical Kidney Journal, 2012, 5, 150-152.	1.4	17
122	Effects of catecholamines on hepatic and skeletal muscle mitochondrial respiration after prolonged exposure to faecal peritonitis in pigs. Innate Immunity, 2012, 18, 217-230.	1.1	16
123	Effect of treatment delay on disease severity and need for resuscitation in porcine fecal peritonitis. Critical Care Medicine, 2012, 40, 2841-2849.	0.4	53
124	Postoperative Splanchnic Blood Flow Redistribution in Response to Fluid Challenges in the Presence and Absence of Endotoxemia in a Porcine Model. Shock, 2012, 37, 116-121.	1.0	5
125	Effect of Remifentanil on Mitochondrial Oxygen Consumption of Cultured Human Hepatocytes. PLoS ONE, 2012, 7, e45195.	1.1	17
126	A new rabbit model for the study of early brain injury after subarachnoid hemorrhage. Journal of Neuroscience Methods, 2012, 208, 138-145.	1.3	23

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127	Gastrointestinal function in intensive care patients: terminology, definitions and management. Recommendations of the ESICM Working Group on Abdominal Problems. Intensive Care Medicine, 2012, 38, 384-394.	3.9	408
128	Preliminary Results of an ICP-Controlled Subarachnoid Hemorrhage Rabbit Model for the Study of Delayed Cerebral Vasospasm. , 2011, 110, 163-165.		1
129	Toll-like receptor-3-induced mitochondrial dysfunction in cultured human hepatocytes. Mitochondrion, 2011, 11, 83-88.	1.6	29
130	The effects of mechanical ventilation on hepato-splanchnic perfusion. Current Opinion in Critical Care, 2010, 16, 165-168.	1.6	16
131	Effects of Lung Recruitment Maneuvers on Splanchnic Organ Perfusion During Endotoxin-Induced Pulmonary Arterial Hypertension. Shock, 2010, 34, 488-494.	1.0	10
132	Splanchnic Vasoregulation After Major Abdominal Surgery in Pigs. World Journal of Surgery, 2010, 34, 2057-2063.	0.8	8
133	Usefulness of a clinical diagnosis of ICU-acquired paresis to predict outcome in patients with SIRS and acute respiratory failure. Intensive Care Medicine, 2010, 36, 66-74.	3.9	53
134	Perioperative metabolic changes in patients undergoing cardiac surgery. Nutrition, 2010, 26, 349-353.	1.1	53
135	Extra-intracranial blood shunt mimicking aneurysm rupture: Intracranial-pressure-controlled rabbit subarachnoid hemorrhage model. Journal of Neuroscience Methods, 2010, 191, 227-233.	1.3	18
136	Increasing abdominal pressure with and without PEEP: effects on intra-peritoneal, intra-organ and intra-vascular pressures. BMC Gastroenterology, 2010, 10, 70.	0.8	20
137	Pulse-pressure variation and hemodynamic response in patients with elevated pulmonary artery pressure: a clinical study. Critical Care, 2010, 14, R111.	2.5	99
138	Effects of Endotoxin and Catecholamines on Hepatic Mitochondrial Respiration. Inflammation, 2009, 32, 315-321.	1.7	14
139	Dexmedetomidine versus propofol/midazolam for long-term sedation during mechanical ventilation. Intensive Care Medicine, 2009, 35, 282-290.	3.9	208
140	Shedding light on microcirculation?. Intensive Care Medicine, 2009, 35, 394-396.	3.9	5
141	Arterial blood pressure during early sepsis and outcome. Intensive Care Medicine, 2009, 35, 1225-1233.	3.9	181
142	Hypoxia inducible factorâ€1Î± induction by tumour necrosis factorâ€Î±, but not by tollâ€like receptor agonists, modulates cellular respiration in cultured human hepatocytes. Liver International, 2009, 29, 1582-1592.	1.9	29
143	Septic shock resuscitation: what goals and how to achieve them?. Critical Care, 2009, 13, 147.	2.5	4
144	Hemodynamic variables and mortality in cardiogenic shock: a retrospective cohort study. Critical Care, 2009, 13, R157.	2.5	43

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145	Association of arterial blood pressure and vasopressor load with septic shock mortality: a post hoc analysis of a multicenter trial. Critical Care, 2009, 13, R181.	2.5	188
146	Effect of fluid resuscitation on mortality and organ function in experimental sepsis models. Critical Care, 2009, 13, R186.	2.5	85
147	Physical and occupational therapy during sedation stops. Lancet, The, 2009, 373, 1824-1826.	6.3	5
148	Increased splanchnic oxygen extraction because of routine nursing procedures*. Critical Care Medicine, 2009, 37, 483-489.	0.4	12
149	INVERSE THERMODILUTION WITH CONVENTIONAL PULMONARY ARTERY CATHETERS FOR THE ASSESSMENT OF CEREBRAL, HEPATIC, RENAL, AND FEMORAL BLOOD FLOW. Shock, 2009, 32, 194-200.	1.0	3
150	Assessment of splanchnic blood flow using magnetic resonance imaging. European Journal of Gastroenterology and Hepatology, 2009, 21, 693-700.	0.8	13
151	Development and simultaneous application of multiple care protocols in critical care: aÂmulticenter feasibility study. Intensive Care Medicine, 2008, 34, 1401-1410.	3.9	19
152	Orthogonal polarization spectroscopy to detect mesenteric hypoperfusion. Intensive Care Medicine, 2008, 34, 1883-1890.	3.9	16
153	It makes a difference!. Wiener Klinische Wochenschrift, 2008, 120, 581-2.	1.0	0
154	Thermodilution and Esophageal Doppler Ultrasound in the Assessment of Blood Flow Changes Induced by Endotoxin and Dobutamine. Journal of Trauma, 2008, 65, 175-182.	2.3	3
155	TONOMETRY REVISITED. Shock, 2008, 29, 543-548.	1.0	8
156	Vasopressin in septic shock: effects on pancreatic, renal, and hepatic blood flow. Critical Care, 2007, 11, R129.	2.5	32
157	Sedation and weaning from mechanical ventilation: effects of process optimization outside a clinical trial. Journal of Critical Care, 2007, 22, 219-228.	1.0	23
158	Effects of Vasopressin on Microcirculatory Blood Flow in the Gastrointestinal Tract in Anesthetized Pigs in Septic Shock. Anesthesiology, 2007, 106, 1156-1167.	1.3	55
159	Effects of prolonged endotoxemia on liver, skeletal muscle and kidney mitochondrial function. Critical Care, 2006, 10, R118.	2.5	81
160	EFFECTS OF LOW ABDOMINAL BLOOD FLOW AND DOBUTAMINE ON BLOOD FLOW DISTRIBUTION AND ON THE HEPATIC ARTERIAL BUFFER RESPONSE IN ANAESTHETIZED PIGS. Shock, 2006, 25, 402-413.	1.0	7
161	Arterio-venous gradients of free energy change for assessment of systemic and splanchnic perfusion in cardiac surgery patients. Perfusion (United Kingdom), 2006, 21, 353-360.	0.5	3
162	Effect of endotoxin, dobutamine and dopamine on muscle mitochondrial respiration <I>in vitro</I>. Journal of Endotoxin Research, 2006, 12, 358-366.	2.5	8

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163	Decreasing gut wall glucose as an early marker of impaired intestinal perfusion. Critical Care Medicine, 2006, 34, 2406-2414.	0.4	21
164	Blindness in the Intensive Care Unit. Anesthesia and Analgesia, 2005, 100, 189-191.	1.1	5
165	Hepatosplanchnic blood flow control and oxygen extraction are modified by the underlying mechanism of impaired perfusion. Critical Care Medicine, 2005, 33, 645-653.	0.4	20
166	Estimation of central venous pressure by ultrasound. Resuscitation, 2005, 64, 193-199.	1.3	68
167	Changes in Splanchnic Circulation During an Alveolar Recruitment Maneuver in Healthy Porcine Lungs. Anesthesia and Analgesia, 2004, 98, 1432-1438.	1.1	28
168	Change in stroke volume in response to fluid challenge: assessment using esophageal Doppler. Intensive Care Medicine, 2003, 29, 1729-1735.	3.9	67
169	Changes in regional blood flow and pCO2 gradients during isolated abdominal aortic blood flow reduction. Intensive Care Medicine, 2003, 29, 2255-2265.	3.9	20
170	Diagnosis and management of electrolyte emergencies. Best Practice and Research in Clinical Endocrinology and Metabolism, 2003, 17, 623-651.	2.2	63
171	Apparent Heterogeneity of Regional Blood Flow and Metabolic Changes Within Splanchnic Tissues During Experimental Endotoxin Shock. Anesthesia and Analgesia, 2003, 97, 555-563.	1.1	41
172	Splanchnic Blood Flow in Low-Flow States. Anesthesia and Analgesia, 2003, 96, 1129-1138.	1.1	36
173	Effect of Dopamine-Induced Changes in Splanchnic Blood Flow on MEGX Production from Lidocaine in Septic and Cardiac Surgery Patients. Shock, 2002, 18, 1-7.	1.0	19
174	Effects of Dopamine on Systemic and Regional Blood Flow and Metabolism in Septic and Cardiac Surgery Patients. Shock, 2002, 18, 8-13.	1.0	65
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